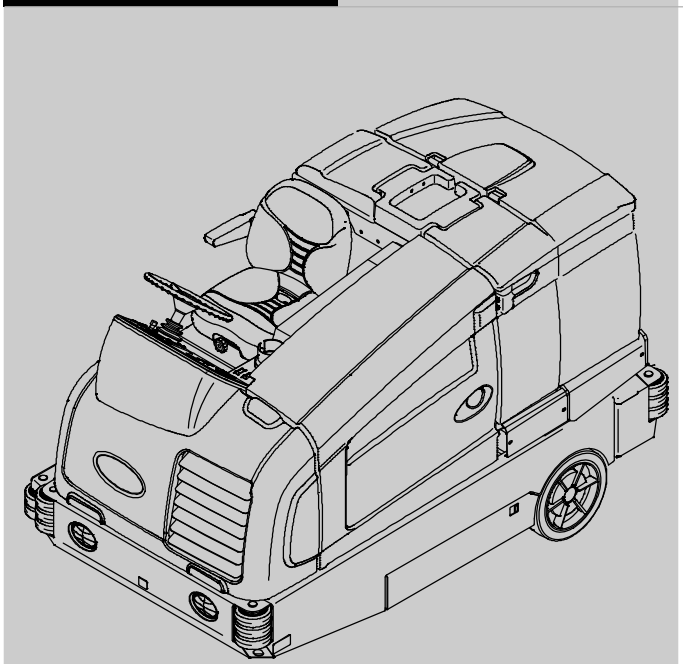
TENNANT®

T20
(Diesel)



(S/N 008000–)
Rider Scrubber Parts Manual

FaST® Foam Scrubbing Technology

ec H2O® An ORBIO™ Technology

The Safe Scrubbing Alternative®
ES® Extended Scrub System
Tennant*True®* *Parts*
Hygenic® Fully Cleanable Tanks
FloorSmart® Integrated Cleaning System
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North America / International

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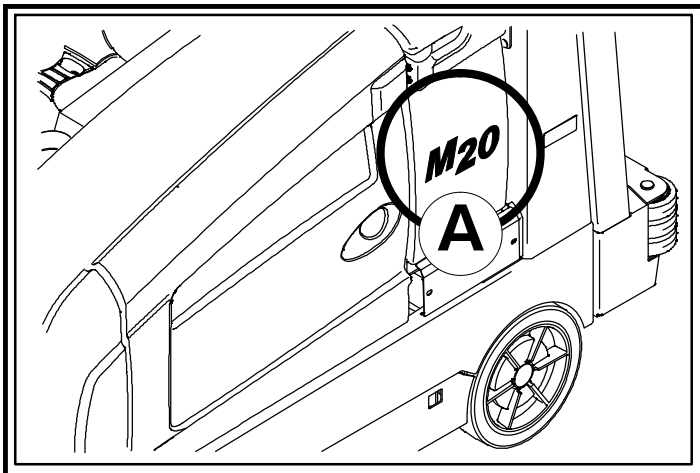

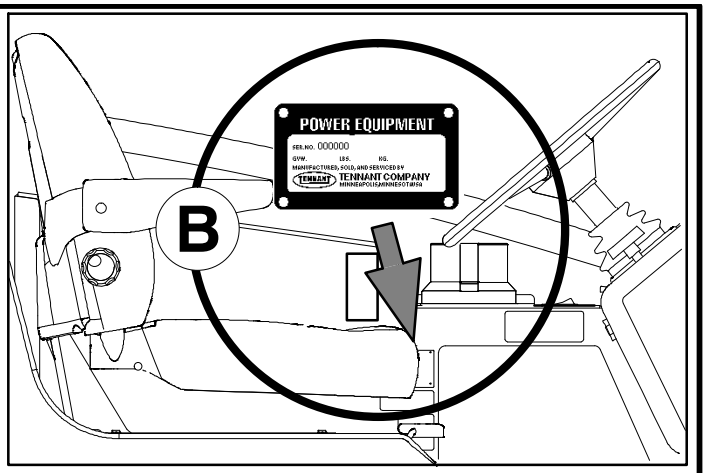

Ref	Part No.	Serial Number	Description	Qty.
1	82681	(000000–)	Bracket Wldt, Lpg Mount	1
▽ 2	63810	(000000–)	Latch Assy, Lpg Tank Mtg, W/Nut	4
▲ 3	51839	(000000–)	Nut Adjustable, Lpg Tank Mtg	2
4	49263	(000000–)	Tie, Cable	3
5	82556	(000000–001039)	Bracket, Vaporizer	1
6	54930	(000000–)	Vaporizer, LPG	1

D

C

EN

HOW TO ORDER PARTS – See diagram above

Only use TENNANT Company supplied or equivalent parts. Parts and supplies may be ordered online, by phone, by fax or by mail.

Follow the steps below to ensure prompt delivery.

1. **(A)** Identify the machine model.
2. **(B)** Identify the machine serial number from the data plate.
3. **(C)** Ensure the proper serial number is used from the parts list.
4. Identify the part number and quantity. Do not order by page or reference numbers.
5. Provide your name, company name, customer ID number, billing and shipping address, phone number and purchase order number.
6. Provide detail shipping instructions.

(D) ▽ – Identifies an assembly
▲ – Identifies parts included in assembly

Please fill out at time of installation for future reference.

Model No. – _____

Serial No. – _____

Machine Options – _____

Sales Rep. – _____

Sales Rep. phone no. – _____

Customer ID Number – _____

Installation Date – _____

Tennant Company
10400 Clean Street
Eden Prairie, MN 55344–2650
Phone: (800) 553–8033 or (763) 513–2850
www.tennantco.com

Thermo–Sentry, Touch–N–Go, 1–STEP, Clean–Wedge, Variable Drain Valve, EasyOpen, Grip–N–Go, MaxPro2, Dura–Track, SmartRelease, InstantAccess, Duramer, FaST–PAK, ErgoSpace and Lower Total Cost of Ownership are trademarks of Tennant Company.

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CN

如何订购部件 – 参见下表

仅使用 TENNANT 公司提供的或同等部件。部件和供应可以在线订购，通过电话、传真或邮件订购。
请遵循下面的步骤确保及时交付。

1. **(A)** 确定机器型号。
2. **(B)** 从数据标签确定机器序列号。
3. **(C)** 确保使用部件列表中的正确序列号。
4. 确定部件号和数量。
   不要按页面或参考编号订购。
5. 提供您的姓名、公司名称、客户 ID 号、付帐和送货地址、
   电话号码和采购单编号。
6. 提供详细的送货说明。

(D) ▽ – 确定组件
▲ – 确定组件中包含的组件

请在安装时填写供未来参考。

型号 – _____

序列号 – _____

机器选项 – _____

销售代表- _____

销售代表电话号码 – _____

客户 ID 编号 – _____

安装日期 – _____

ES

CÓMO SOLICITAR PIEZAS – Consulte el diagrama anterior.

Utilice sólo las piezas suministradas por TENNANT Company o piezas equivalentes. Puede solicitar las piezas a través de internet, por teléfono, por fax o por correo.

Siga los siguientes pasos para que la entrega sea rápida.

1. **(A)** Indique el modelo de máquina.
2. **(B)** Indique el número de serie de la etiqueta de datos.
3. **(C)** Asegúrese de que indica el número de serie correcto de la lista de piezas.
4. Indique la cantidad y el número de la pieza.
   No realice el pedidoindicando el número de página o el de referencia.
5. Incluya su nombre, el nombre de la empresa, el ID de cliente,
   las direcciones de envío y facturación, el número de teléfono y el número del pedido de compra.
6. Facilite instrucciones de envío.

(D) ▽ – identifica un conjunto
▲ – identifica piezas de un conjunto

Rellene estos datos cuando realice la instalación para utilizarlos como referencia en el futuro.

Nº modelo – _____

Nº serie – _____

Opciones de la máquina – _____

Vendedor – _____

Nº teléfono vendedor – _____

Nº cliente – _____

Fecha de instalación – _____

FR

COMMENT COMMANDER DES PIÈCES DÉTACHÉES – Voir le schéma ci-dessus.

Utilisez uniquement des pièces fournies par la société TENNANT ou équivalentes. Les pièces et fournitures peuvent être commandées en ligne, par téléphone, fax, ou par courrier.

Suivez les étapes ci-dessous pour assurer une livraison rapide.

1. **(A)** Identifiez le modèle de la machine.
2. **(B)** Identifiez le numéro de série de la machine, à partir de l'étiquette signalétique.
3. **(C)** Assurez-vous que le numéro de série correct est utilisé à partir de la liste de pièces détachées.
4. Identifiez le numéro de pièce et la quantité. Ne commandez pas par page ou numéros de référence.
5. Fournissez votre nom, le nom de votre société, votre numéro d'identification de client, l'adresse de facturation et d'expédition, le numéro de téléphone et le numéro du bon de commande.
6. Fournissez des instructions d'expédition détaillées.

(D) ▽ – identifie un assemblage
▲ – identifie les pièces composant l'assemblage

A remplir au moment de l'installation à titre de référence.

Nº du modèle – _____

Nº de série – _____

Options de la machine – _____

Agent commercial – _____

Nº tél. de l'agent commercial – _____

Numéro d'identification client – _____

Date d'installation – _____

JP

パーツの発注方法 ?上記の図を参照してください

TENNANT社製のパーツまたは同等品のみをお使いください。
パーツやサプライ品のご注文は、オンライン、電話、FAX、または手紙でお願いいたします。
確実にお届けできるように、以下の情報お知らせください。

1. **(A)** 製品のモデル名をお知らせください。
2. **(B)** 製品のデータラベルに印刷されているシリアル番号
   をお知らせください。
3. **(C)** パーツリストを参照して、シリアル番号が正しいかご確認
   ください。
4. パーツ番号と数量をお知らせください。マニュアル/カタログの
   ページ番号や参照番号でのご注文はご遠慮ください。
5. お客様のお名前、会社名、顧客ID番号、請求/発送先住所、
   電話番号、注文書番号をお知らせください。
6. 発送に関するご希望があれば、明記してください。

(D) ▽ – アセンブリを示します
▲ – アセンブリに含まれるパーツを示します

後日確認できるように、設置時に記入してください。

モデルNo. – _____

シリアルNo. – _____

製品のオプション– _____

販売代理店 – _____

販売代理店の電話番号 – _____

顧客ID番号 – _____

設置日 – _____

General Recommended Maintenance Items

	Ref.	Part No.	Serial Number		Description	Qty.
▽		9006060	(008000–	)	Maint Kit, 400hr, Dsl [M20/T20]	1
▲		369746	(008000–	)	Element, Fltr, Air [Dn]	1
▲		39703–2	(008000–	)	Element, Fltr, Oil, Spin–On [Ku]	1
▲		1017126	(008000–	)	Element, Fltr, Fuel [Dn]	1
▲		31613	(008000–	)	Strainer, Hyd, 25 Gpm 100 Mesh	1
▲		1021579	(008000–	)	Filter Assy, Hyd, 10mic	1
▲		393244	(008000–	)	Belt, V, 42.0L [Hc41]	1
		1027290	(008000–	)	Filter, Soltn, 20mesh, Pm12 3.1d 02.6l	1
		87866	(008000–	)	Key, Ignition [Set Of 2]	1
		10143	(008000–	)	Battery, Wet, 12vdc 0600cca	1
		20833	(008000–	)	Wheel, 3.0d 1.38w 0.50b	2
		1024586	(008000–	)	Skirt, Neo, .06, 06.85w 27.95l, 08 Hole	2
		1019295	(008000–	)	Skirt, Neo, .18, 10.37w 27.95l, 12 H&S	2
		1020166	(008000–	)	Skirt, Neo, .06, 12.00w 45.88l, 07 Hole	1
		1022009	(008000–	)	Skirt, Neo, .06, 06.38w 40.86l, 06 Hole	1
		1022007	(008000–	)	Skirt, Rbr, .37, 04.50w 40.94l, 06 Hole	1
		1017868	(008000–	)	Blade, Sqge, Front, 49.58l [Linard]	1
		1031331	(008000–	)	Blade, Sqge, Rear, Linatex	1
		83874	(008000–	)	Gasket, Sqge	2
		1031011	(008000–	)	Blade, Sqge, .38 3.55w 038.3l, Linatex	2
		1027719	(008000–	)	Blade, Sqge, Front, 49.58l Ure	1
		1031945	(008000–	)	Blade, Sqge, Rear, 53.78l Ure	1
		1031823	(008000–	)	Blade, Sqge, .38 3.55w 038.3l, Ure	2
		1059091	(008000–	)	Blade, Sqge, Side Brush, Urethane	1
		1059092	(008000–	)	Blade, Sqge, Side Brush, Urethane	1
		1046980	(008000–	)	Blade, Sqge, Side Brush, Linatex	1
		1047238	(008000–	)	Blade, Sqge, Side Brush, Linatex	1
		16411	(008000–	)	Paint, Airdry, Off–White, 12oz	1
		16412	(008000–	)	Paint, Airdry, Teal, 12oz, Solid	1
		377540	(008000–	)	Paint, Airdry, Blk, 12oz	1
		377538	(008000–	)	Paint, Airdry, Gray, 12oz [Enamel]	1
		377537	(008000–	)	Paint, Airdry, Iron Gray,12oz[Pwdr Coat]	1
		1057710	(008000–	)	Oil, Hyd [El, Iso 100, 01gal]	1
		1057711	(008000–	)	Oil, Hyd [El, Iso 100, 05gal]	1
		1069019	(008000–	)	Oil, Hyd [El, Iso 68, 01gal]	1
		1069020	(008000–	)	Oil, Hyd [El, Iso 68, 05gal]	1
		1057707	(008000–	)	Oil, Hyd [El, Iso 32, 01gal]	1
		1057708	(008000–	)	Oil, Hyd [El, Iso 32, 05gal]	1

SECTION 2

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Fig. 1 – Brushes, Replacement, Scrub Head

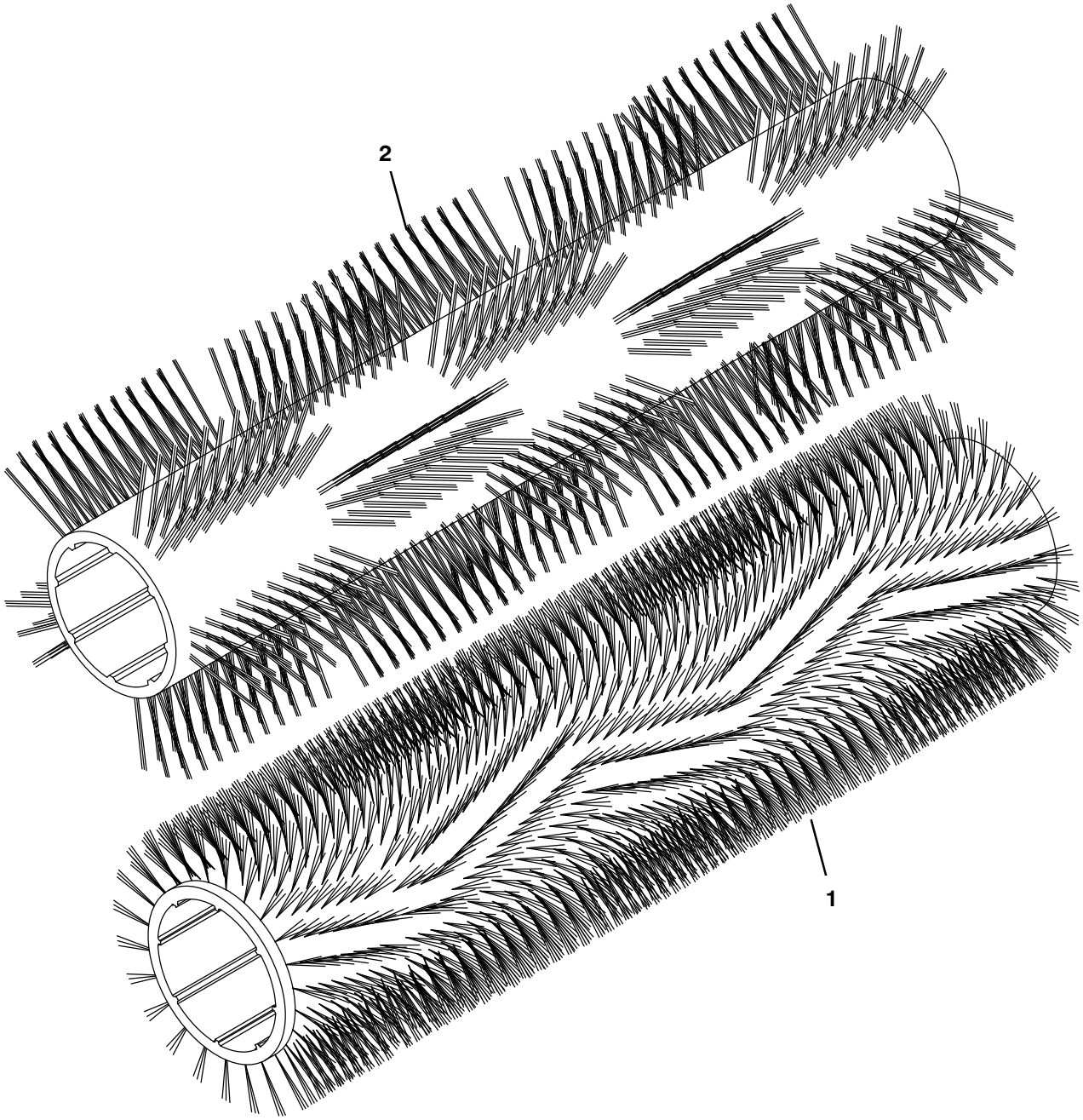
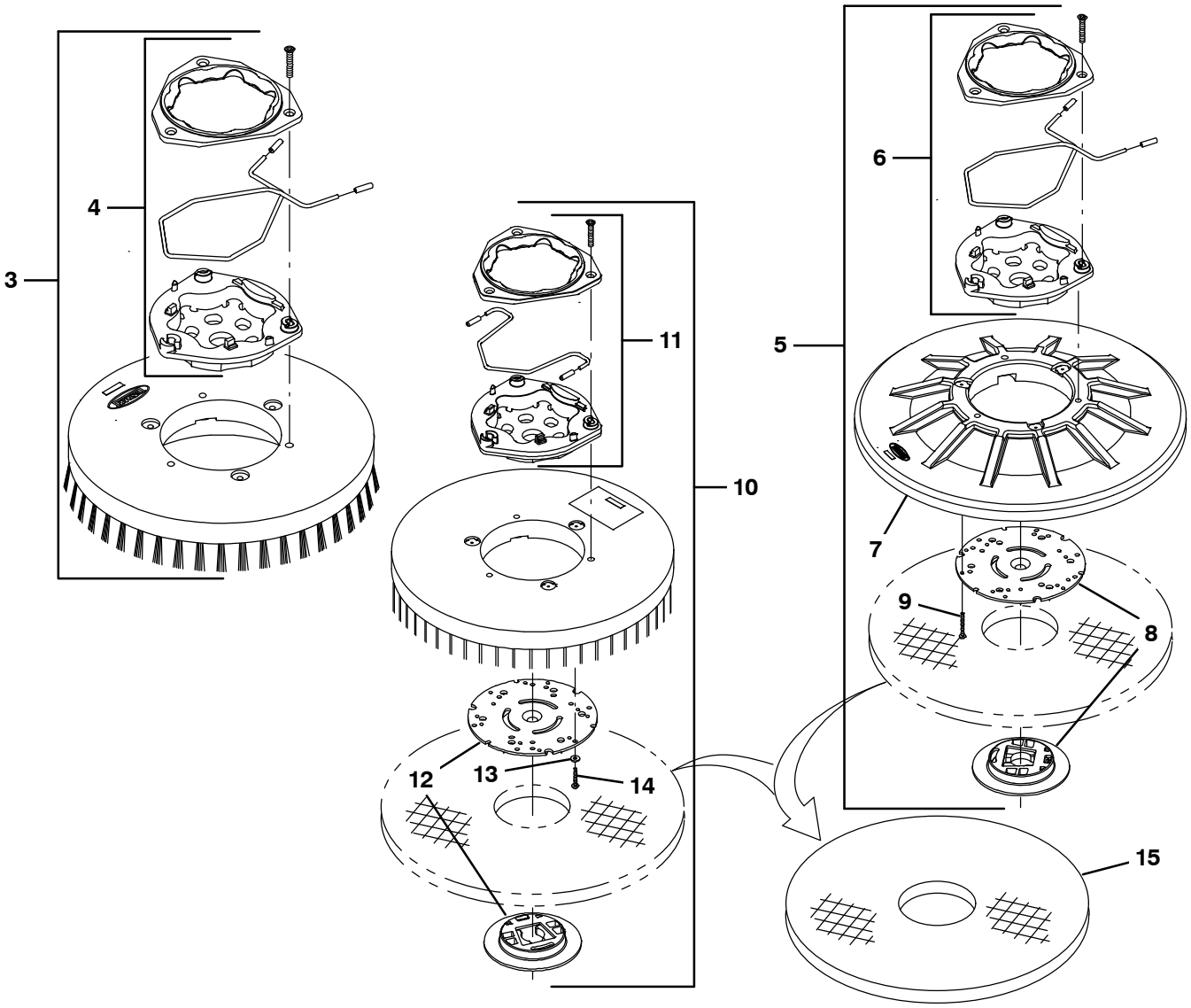


Fig. 1 – Brushes, Replacement, Scrub Head

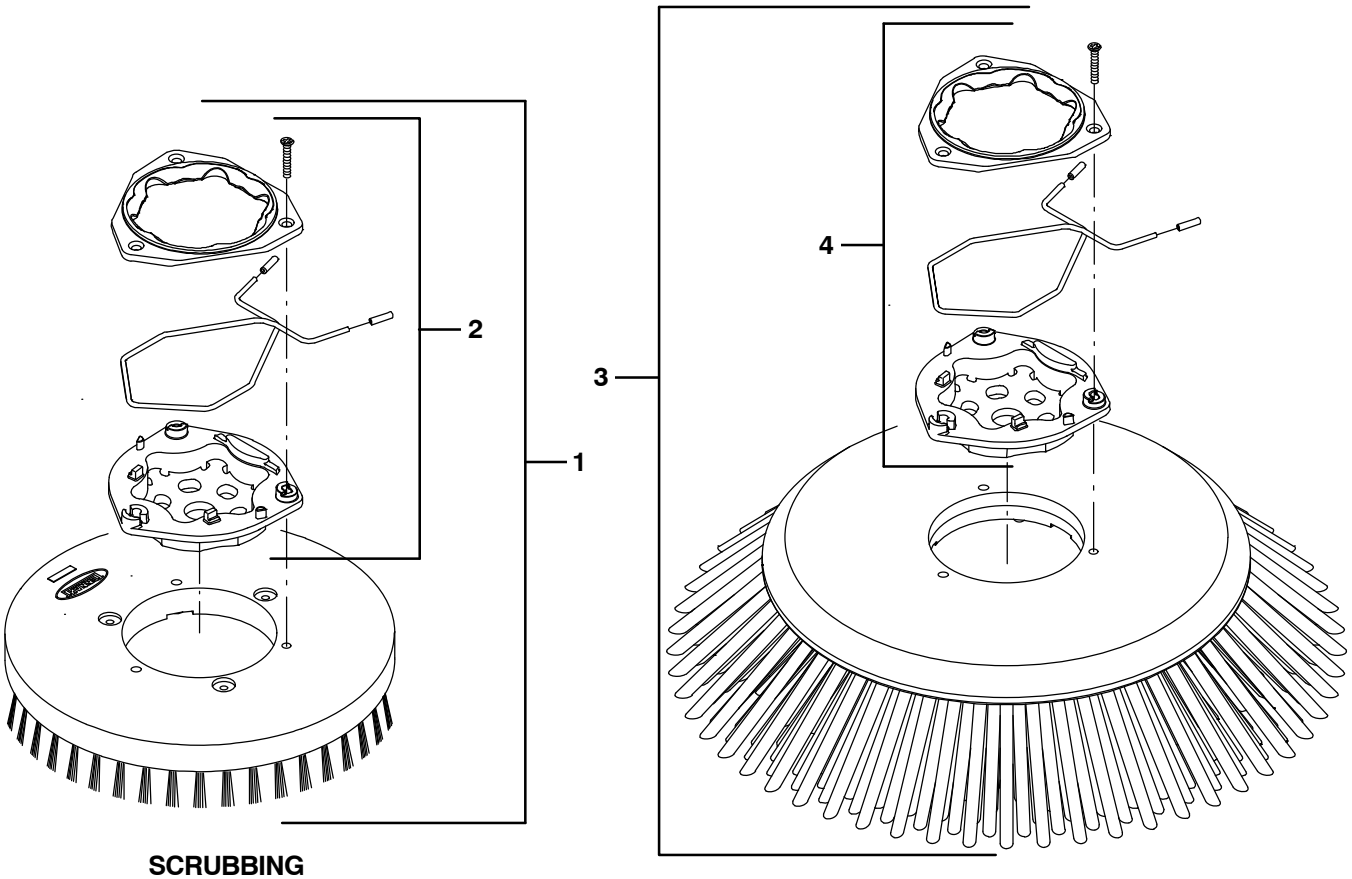


354500

Fig. 1 – Brushes, Replacement, Scrub Head

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1026223	(008000–)	Brush, Sweep / Scb, 40L, Polypropylene, Spiral	2
	1	1027697	(008000–)	Brush, Sweep / Sb, 40L, Polyester, Spiral	2
	1	1252156	(008000–)	Brush, Sweep / Scb, 40L, 24Sr, Super Abrasive, Spiral	2
	1	1030969	(008000–)	Brush, Sweep / Scb, 40L, Heavy Duty Polypropylene, Spiral	2
	2	1040524	(008000–)	Brush, Sweep / Scb, 40L, Window, Polypropylene, Spiral	2
	2	1059640	(008000–)	Brush, Sweep / Scb, 40L, Window, Super Abrasive, Spiral	2
▽	3	1220237	(008000–)	Brush Assy, Disk, Scb, 14.0d, Polypropylene	3
▲	4	9014662	(008000–)	Brush Kit, Hub Assy, Drive, Ci [Hdpe In]	1
▽	3	1220238	(008000–)	Brush Assy, Disk, Scb, 14.0d, Nylon	3
▲	4	9014662	(008000–)	Brush Kit, Hub Assy, Drive, Ci [Hdpe In]	1
▽	3	1220239	(008000–)	Brush Assy, Disk, Scb, 14.0d, Super Abrasive	3
▲	4	9014662	(008000–)	Brush Kit, Hub Assy, Drive, Ci [Hdpe In]	1
▽	5	1220198	(008000–)	Driver Assy, Pad, 14.0d	3
▲	6	9014666	(008000–)	Brush Kit, Hub Assy, Drive, Ci [Uhmw]	1
▲	7	397974	(008000–)	Disk, Driver, Pad, W/ Face, 14.0d	1
▲	8	370095	(008000–)	Device, Centering, Clip On, Tl [Gf Pp]	1
▲	9	09198	(008000–)	Screw, Pan, M4 X 0.7 X 35, Ss	3
▽	10	1220221	(008000–)	Driver Assy, Pad, 14.0d, Brush	3
▲	11	9014667	(008000–)	Brush Kit, Hub Assy, Drive, Ci [Comm]	1
▲	12	370095	(008000–)	Device, Centering, Clip On, Tl [Gf Pp]	1
▲	13	41579	(008000–)	Washer, Flat, #08, Ss	3
▲	14	04403	(008000–)	Screw, Pan, M4 X 0.7 X 25, Ss, Nl	3
	15	222324	(008000–)	Pad, Polish, 14.0d, White [1pad=1pc]	3
	15	222325	(008000–)	Pad, Buff, 14.0d, Red	3
	15	222326	(008000–)	Pad, Scb, 14.0d, Blu [1pad=1pc]	3
	15	222327	(008000–)	Pad, Stripping, 14.0d, Brown [1pad=1pc]	3
	15	1051026	(008000–)	Pad, Surf Prep, 14.0D Maroon, [1PICK=1PAD]	3
	15	370091	(008000–)	Pad, High Productivity Stripping, 14.0d, Blk	3

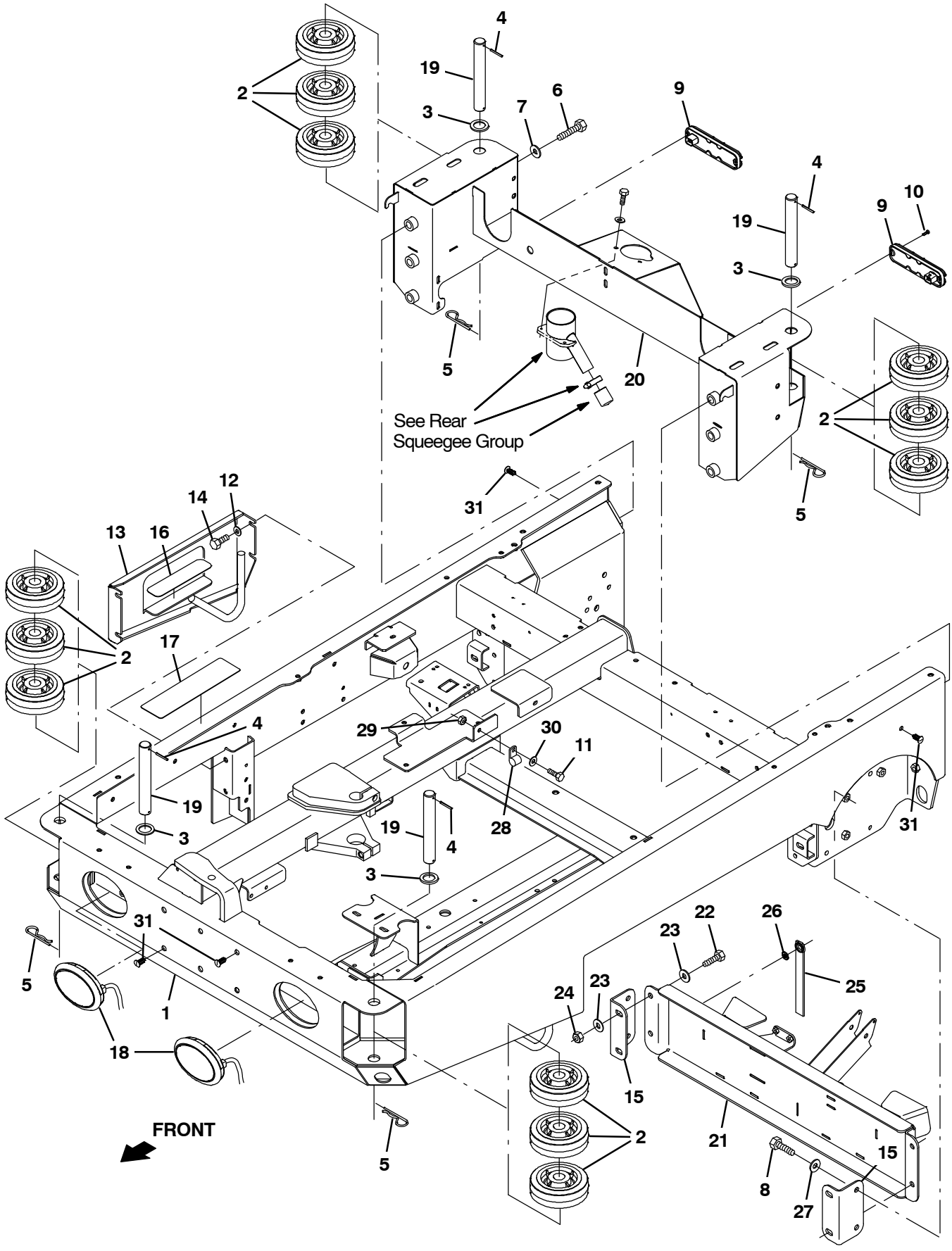
Fig. 2 – Brushes, Replacement, Side Brush



354584 – NA, M20, T20

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1220235	(008000–)	Brush Assy, Disk, Scb, 16.0d, Nylon	1
▲	2	9014662	(008000–)	Brush Kit, Hub Assy, Drive, Ci [Hdpe In]	1
▽	1	1220236	(008000–)	Brush Assy, Disk, Scb, 16.0d, Heavy Duty Polypropylene	1
▲	2	9014662	(008000–)	Brush Kit, Hub Assy, Drive, Ci [Hdpe In]	1
▽	1	1221543	(008000–)	Brush Assy, Disk, Scb, 16.0d, Super Abrasive	1
▲	2	9014662	(008000–)	Brush Kit, Hub Assy, Drive, Ci [Hdpe In]	1
▽	3	1220185	(008000–)	Brush Assy, Disk, Swp, 24.0d, Polypropylene	1
▲	4	9014666	(008000–)	Brush Kit, Hub Assy, Drive, Ci [Uhmw]	1

Fig. 3 – Main Frame Group

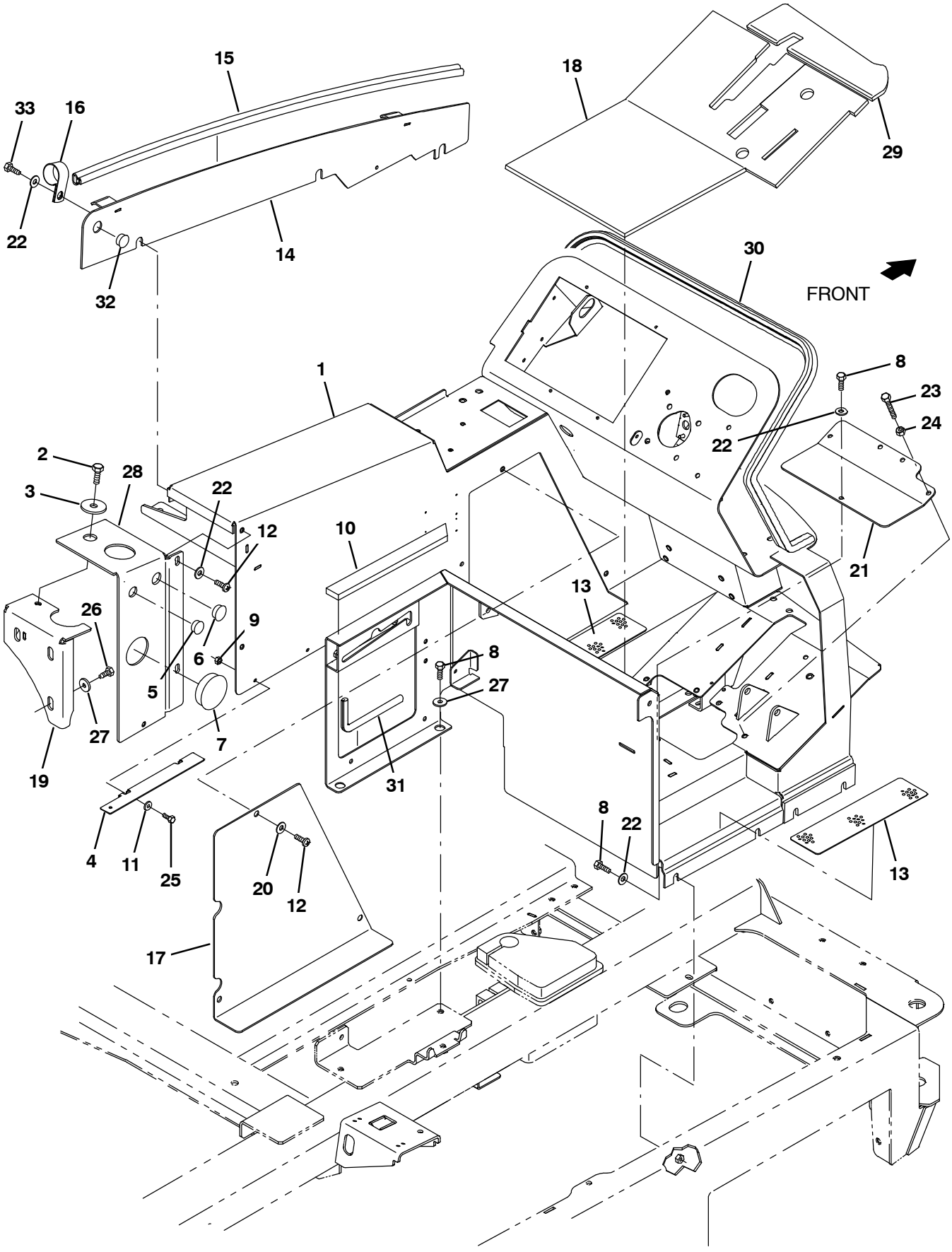


354501 – T20

Fig. 3 – Main Frame Group

Ref.	Part No.	Serial Number	Description	Qty.
1	9002401	(008000–)	Frame Wldt, Main, Replmt [M20 & T20]	1
2	1060130	(008000–)	Wheel, 06.0D 2.00W 1.19B, Gray Rbr	12
3	1062566	(008000–)	Washer, Flat, 1.26B 1.88D .13, Stl, Pl	4
4	1053838	(008000–)	Pin, 30mmd X 215mml	4
5	34411	(008000–)	Pin, Cotter, Hair, 1.00d .178 Wir	4
6	06971	(008000–)	Screw, Hex, M12 X 1.75 X 50, 8.8	6
7	32493	(008000–)	Washer, Flat, 0.50, Std	6
8	12309	(008000–)	Screw, Hex, M12 X 1.75 X 30, Ss	4
9	1018208	(008000–)	Light, Tail, 12vdc	2
10	06928	(008000–)	Screw, Pan, M4 X 0.70 X 20, 4.8	4
11	39277	(008000–)	Screw, Hex, M8 X 1.25 X 25, 8.8	1
12	01686	(008000–)	Washer, Flat, 0.44b 1.00d .08, Ss	4
13	1027916	(008000–)	Panel Wldt, Filler	1
14	12317	(008000–)	Screw, Hex, M10 X 1.5 X 30, Ss	4
15	1025254	(008000–)	Bracket, Mtg, Sqge, Disk Head (Disk Scrub Head)	2
16	363458	(008000–)	Tread, Non–Skid, 01.9w 08.0l	1
17	58819	(008000–)	Tread, Non–Skid, 03.0w 11.6l	1
18	1075367	(008000–)	Headlight, 12Vdc, Oval, Led	2
19	23146	(008000–)	Pin, Roll, .187d X 1.62l, .187/.192	4
20	1039091	(008000–)	Bumper Wldt, Rear	1
21	1027269	(008000–)	Crossmember Wldt, Sqge (Disk Scrub Head)	1
22	77347	(008000–)	Screw, Hex, M10 X 1.5 X 35, Ss (Disk Scrub Head)	4
23	32492	(008000–)	Washer, Flat, 0.38, Std (Disk Scrub Head)	8
24	08714	(008000–)	Nut, Hex, Lock, M10 X 1.5, Nl, Ss (Disk Scrub Head)	4
25	71579	(008000–)	Strap, Static, W/Grommet, .19 1.1w 25.0l (Disk Scrub Head)	1
26	41141	(008000–)	Washer, Lock, Int–Ext, 0.31 (Disk Scrub Head)	1
27	32493	(008000–)	Washer, Flat, 0.50, Std (Disk Scrub Head)	4
28	53466	(008000–)	Clamp, Cable, Stl, 1.50d X 1.00w, 1hole	1
29	08709	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl	1
30	32491	(008000–)	Washer, Flat, 0.31, Std	1
31	1055605	(008000–)	Plug, Hole, Rnd, 0.38h .4–.7, Blk Nyl	12

Fig. 4 – Operator Station Group

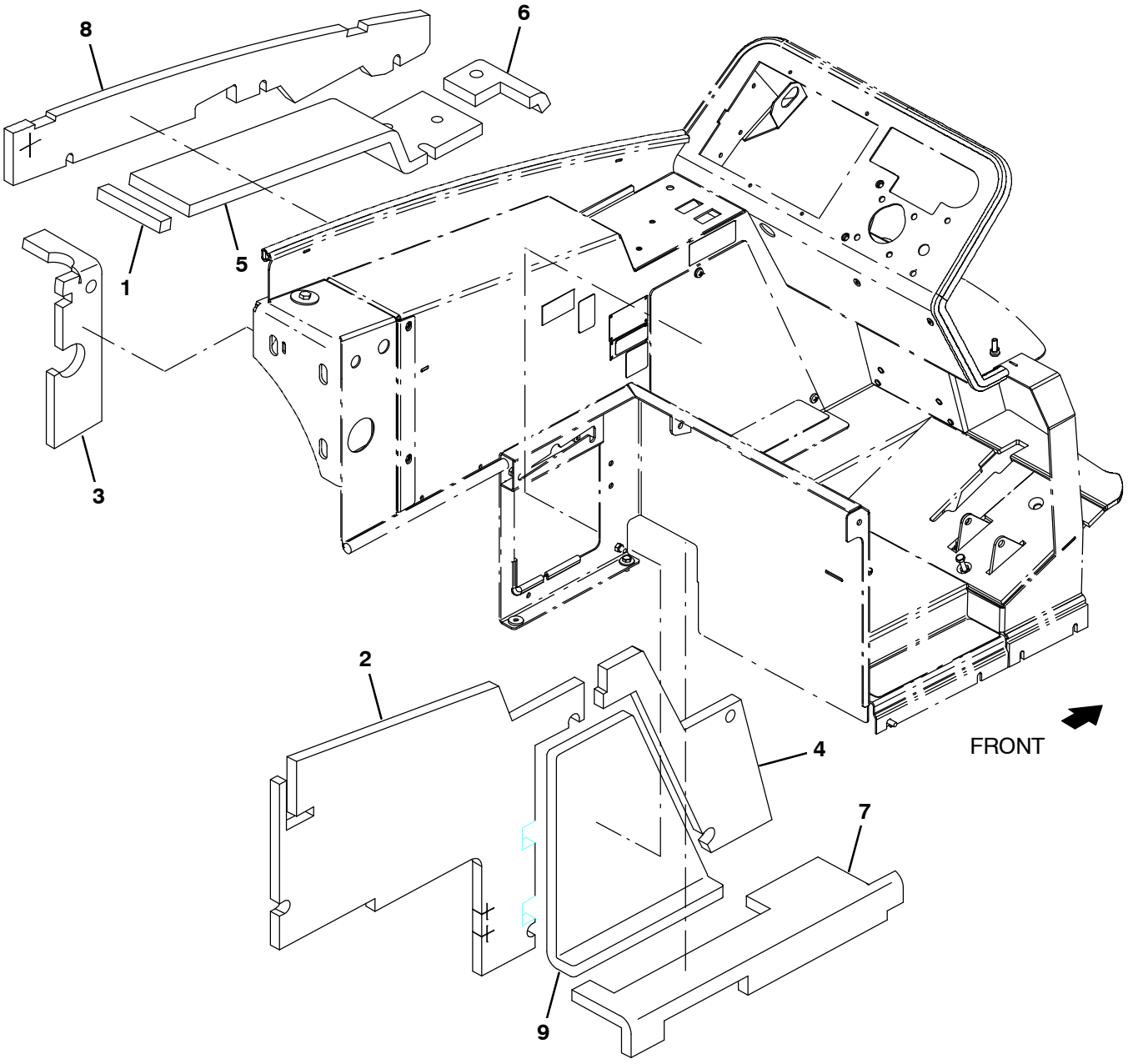


354582 – M20, T20, D, NA

Fig. 4 – Operator Station Group

Ref.	Part No.	Serial Number	Description	Qty.
1	9016325	(008000–)	Panel Wldt, Dsl, Replmt	1
1	9016322	(008000–)	Panel Wldt, Dsl, Replmt [W/Fast]	1
1	9016323	(008000–)	Panel Wldt, Dsl, W/ Es, Replmt	1
1	9016328	(008000–)	Panel Wldt, Dsl, Replmt, TJ (Japan only)	1
1	9016331	(008000–)	Panel Wldt, Dsl, Replmt, TJ [W/Fast] (Japan only)	1
1	9016334	(008000–)	Panel Wldt, Dsl, Replmt, TJ, W/Es (Japan only)	1
2	39283	(008000–)	Screw, Hex, M10 X 1.5 X 25, 8.8	1
3	04414	(008000–)	Washer, Flat, 0.53b 1.88d .12, Stl, Pl	1
4	1047169	(008000–)	Bracket, Mtg, Insulation	2
5	82727	(008000–)	Plug, Hole, Rnd, 0.88h .03–.12, Blk Nyl	1
6	01493	(008000–)	Plug, Hole, Rnd, 1.00h .03–.12, Blk Nyl	1
7	1030017	(008000–)	Plug, Hole, Rnd, 2.50h .03–.25, Blk Nyl	1
8	16931	(008000–)	Screw, Hex, M8 X 1.25 X 20, 8.8	12
9	08708	(008000–)	Nut, Hex, Lock, M6 X 1.00, Nl	2
10	1047295	(008000–)	Seal, Foam, 0.50	1
11	32490	(008000–)	Washer, Flat, 0.25, Std	2
12	1031665	(008000–)	Screw, Pan, M8 X 1.25 X 25, Blk	4
13	58819	(008000–)	Tread, Non–Skid, 03.0w 11.6l	4
14	1025435	(008000–)	Panel Wldt, Adj	1
15	1030593	(008000–)	Seal, Afmkt, Bulb, 90, 0.75d F/11ga 08ft	1
16	53466	(008000–)	Clamp, Cable, Stl, 1.50d X 1.00w, 1h	5
17	1021834	(008000–)	Panel, Access, Door	1
18	1027218	(008000–)	Mat, Floor	1
19	1035997	(008000–)	Bracket Wldt, Mtg, Tank	1
20	39349	(008000–)	Washer, Flat, 0.31 Sae	3
21	1022699	(008000–)	Panel, Access, Floor	1
22	32491	(008000–)	Washer, Flat, 0.31, Std	17
23	363976	(008000–)	Screw, Hex, M8 X 1.25 X 60, 8.8, Fl	1
24	39311	(008000–)	Nut, Hex, Std, M8 X 1.25	1
25	06942	(008000–)	Screw, Hex, M6 X 1.00 X 16, 8.8	2
26	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	3
27	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	5
28	1033975	(008000–)	Bracket, Mtg	1
29	1027267	(008000–)	Mat, Floor	1
30	1030593	(008000–)	Seal, Afmkt, Bulb, 90, 0.75d F/11ga 08ft	1
31	1020168	(008000–)	Molding, Afmkt, Trim, Pvc, .08 .11, 1ft	1
32	80288	(008000–)	Plug, Hole, Rnd, 0.81h, Blk	1
33	39277	(008000–)	Screw, Hex, M8 X 1.25 X 25, 8.8	6

Fig. 5 – Operator Station Insulation Group

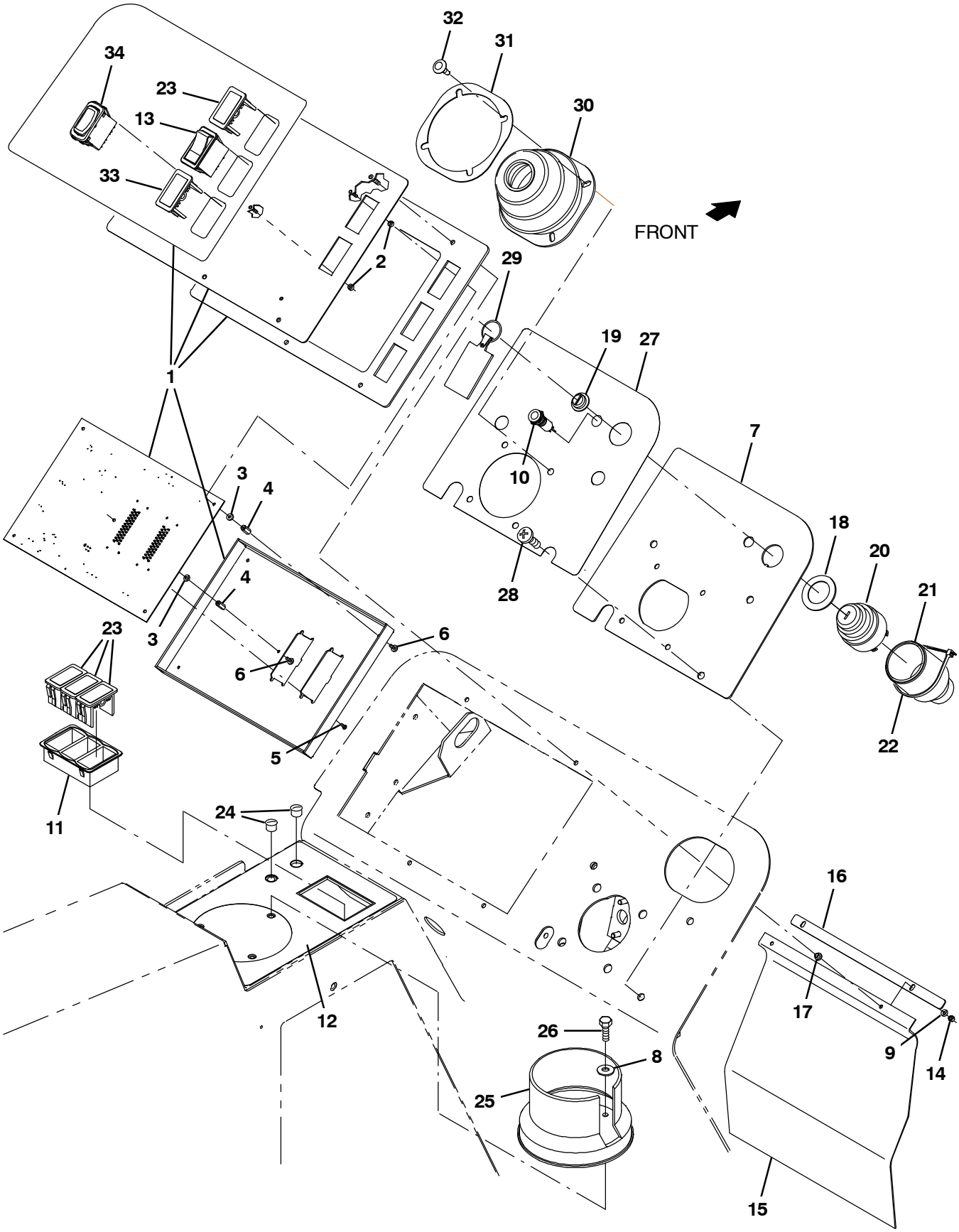


354409

Fig. 5 – Operator Station Insulation Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1034769	(008000–)	Insulation, Flame–retardant, 0.75–0.88	1
2	1034765	(008000–)	Insulation, Flame–retardant, 0.75–0.88	1
3	1040841	(008000–)	Insulation, Flame–Retardant, 0.75–0.88	1
4	1023464	(008000–)	Insulation, Flame–Retardant, 0.75–0.88	1
5	1034764	(008000–)	Insulation, Flame–retardant, 0.75–0.88	1
6	1034766	(008000–)	Insulation, Flame–retardant, 0.75–0.88	1
7	1034768	(008000–)	Insulation, Flame–retardant, 0.75–0.88	1
8	1034770	(008000–)	Insulation, Flame–retardant, 0.75–0.88	1
9	1023569	(008000–)	Insulation, Flame–Retardant, 0.75–0.88	1

Fig. 6 – Instrument Panel Group

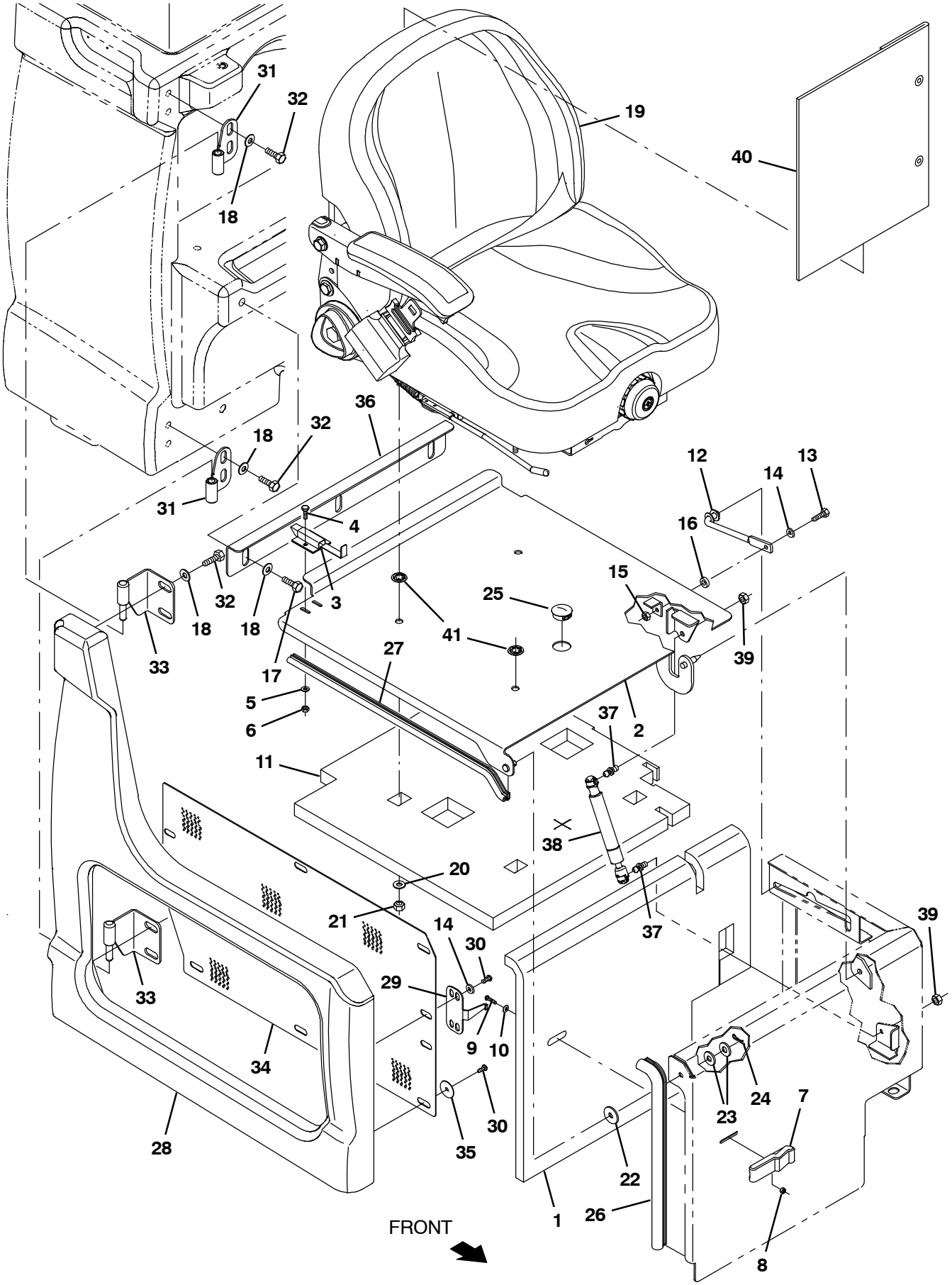


356684 – T20, D

Fig. 6 – Instrument Panel Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1263875	(008000–)	Panel Assy, Instmt, W/ Label, Afmkt	1
▲	2	1006808	(008000–)	Spacer, Rnd, .125l, Alm	5
▲	3	1008663	(008000–)	Washer, Flat, 0.15b 0.31d .05, Nyl	5
▲	4	1022472	(008000–)	Stand–Off, Hex, M3 X M14, Alm	5
▲	5	1008240	(008000–)	Screw, Pan, #04–24 X 0.50l, Hi – Low	5
▲	6	1022905	(008000–)	Screw, Pan, M3 X 6, [Seelscrew]	8
	7	1223897	(008000–)	Plate, Instrument, Rh [Drago]	1
	8	32490	(008000–)	Washer, Flat, 0.25, Std	3
	9	19065	(008000–)	Washer, Flat, 0.19b 0.44d .05, Pl, 08	4
	10	1225091	(008000–)	Light, Indicator, Glowplug	1
	10	1223904	(008000–)	Label, Instrument Panel, Lh [Drago]	1
	11	1029951	(008000–)	Bezel, Switch [3 Gang]	1
	12	1225768	(008000–)	Label, Switch, Rocker [Drago] [T20]	1
	13	392171	(008000–)	Switch, Rocker, Dpdt, On / Off / On	1
	14	16968	(008000–)	Nut, Hex, Lock, #08–32, Nl	4
	15	1028769	(008000–)	Flap, Battery	1
	16	1028772	(008000–)	Bar, Flat, Ss 0.06, 00.50 X 10.00l, 2sl	1
	17	1029362	(008000–)	Washer, Shld, Nyl [8–32]	4
	18	73736	(008000–)	Washer, Flat, 1.15b 1.75d .08, Stl	1
	19	382516	(008000–)	Boot, .63id .29l .90w	1
▽	20	87536	(008000–)	Switch, Ignition [Ku]	1
▲		87866	(008000–)	Key, Ignition [Set of 2]	1
	21	383165	(008000–)	Boot, Switch, Ignition	1
	22	49266	(008000–)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
	23	398501	(008000–)	Plug, Hole, Rt, Rocker Switch, .87 X 1.7	4
	24	56992	(008000–)	Plug, Hole, Rnd, 0.50h .03–.12, Blk Nyl	2
	25	223599	(008000–)	Cup Holder, Rwk	1
	26	06943	(008000–)	Screw, Hex, M6 X 1.00 X 20, 8.8	3
	27	1239555	(008000–)	Label, Instrument Panel, Rh, Dsl, [Drago]	1
	28	1031665	(008000–)	Screw, Pan, M8 X 1.25 X 25, Blk	4
	29	1075003	(008000–)	Keychain, Rectangle, Parts & Service	1
	30	70622	(008000–)	Boot, Bellows, 3.1l 4.4w 2.8h 1hole, Neo	1
	31	70623	(008000–)	Retainer, Boot, Steering Column	1
	32	72970	(008000–)	Rivet, Plstc, .250d X 0.90	4
	33	398501	(013001–)	Plug, Hole, Rt, Rocker Switch, .87 X 1.7	1
	34	1255914	(013001–)	Switch, Rocker [Mom,Off,Mom, Dual Led] (Detergent Metering Option Only)	1

Fig. 7 – Seat Group

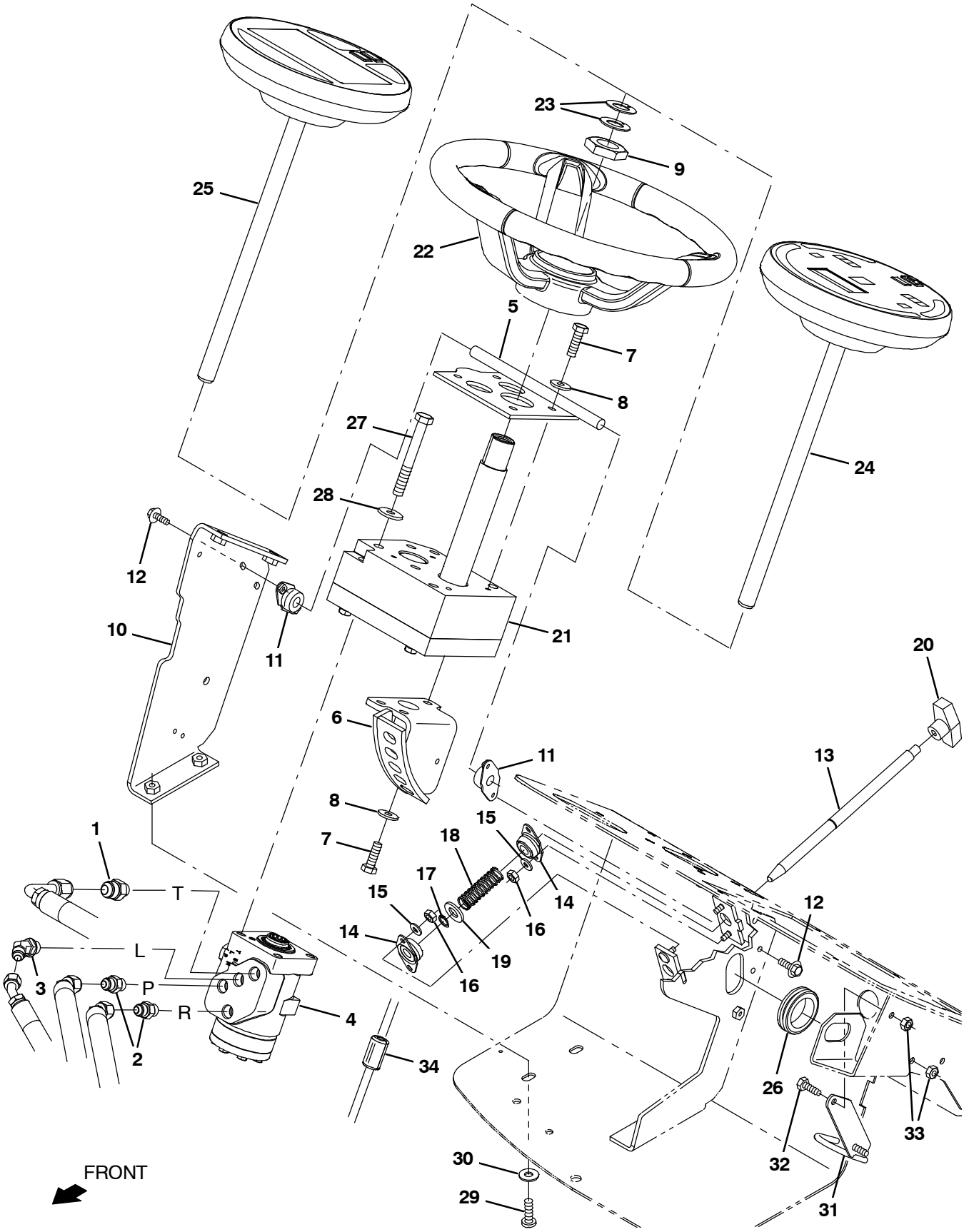


354503 – T20, NA

Fig. 7 – Seat Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1034767	(008000–)	Insulation, Flame–retardant, 0.75–0.88	1
2	1019228	(008000–)	Plate Wldt, Seat	1
3	1025736	(008000–)	Latch	1
4	09252	(008000–)	Screw, Hex, M5 X 0.8 X 20, 8.8	2
5	19066	(008000–)	Washer, Flat, #10	2
6	06549	(008000–)	Nut, Hex, Lock, M5 X 0.8, Nl	2
7	49800	(008000–)	Latch	1
8	02850	(008000–)	Nut, Hex, Lock, M4 X 0.7, Nl	4
9	06929	(008000–)	Screw, Pan, M4 X 0.7 X 25, 4.8	4
10	19065	(008000–)	Washer, Flat, #08	2
11	1023499	(008000–)	Insulation, Flame–Retardant, 1.0	1
12	223080	(008000–)	Arm Wldt, Safety, Sppt, Seat, .38d 06.5d	1
13	06944	(008000–)	Screw, Hex, M6 X 1.0 X 25, 8.8	1
14	32483	(008000–)	Washer, Flat, 0.25 Sae	9
15	08708	(008000–)	Nut, Hex, Lock, M6 X 1.0, Nl	1
16	21851	(008000–)	Spacer, Plstc, Ny	1
17	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	3
18	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	11
19	9018721	(008000–)	Seat, Deluxe, Replmt [M20/T20/M30](See Breakdowns)	1
20	32491	(008000–)	Washer, Flat, 0.31, Std	4
21	32983	(008000–)	Nut, Hex, Lock, .31–18, Nl	4
22	364749	(008000–)	Washer, Flat, 0.41b 1.25d .12, Pye	1
23	32492	(008000–)	Washer, Flat, 0.38 Std	2
24	08085	(008000–)	Pin, Cotter, Hair, 0.31d .058 Wir	1
25	76888	(008000–)	Plug, Hole, Rnd, 1.25H .03–.12, Blk Nyl	1
26	1030588	(008000–)	Seal, Afmkt, Bulb, 90, 0.75d F/11ga 02ft	1
27	1031206	(008000–)	Seal, Afmkt, Bulb, 90, 0.50d, 02ft	1
28	1018776	(008000–)	Shroud, Seat	1
29	1026825	(008000–)	Bracket, Latch, Shrd, Seat	1
30	09200	(008000–)	Screw, Pan, M5 X 0.8 X 12, Ss	8
31	1024464	(008000–)	Hinge Wldt, Shrd, Rh	2
32	16931	(008000–)	Screw, Hex, M8 X 1.25 X 20, 8.8	10
33	1024425	(008000–)	Hinge Wldt, Shrd, Rh	2
34	1025916	(008000–)	Grill, Side	1
35	41178	(008000–)	Washer, Flat, 0.25 Fendr	6
36	1020487	(008000–)	Bracket, Seat, Adj	1
37	58494	(008000–)	Stud, Ball, .39d .31–16, Gasspring	2
38	368391	(008000–)	Gasspring, 180lb, 03.0strk	1
39	01760	(008000–)	Nut, Hex, Lock, .31–18, Nl, Thin	2
40	68275	(008000–)	Pouch (OPTION)	1
41	1077073	(008000–)	Nut, Push, Bolt Retention, Stl,5/16 Thrd	4

Fig. 8 – Steering Group

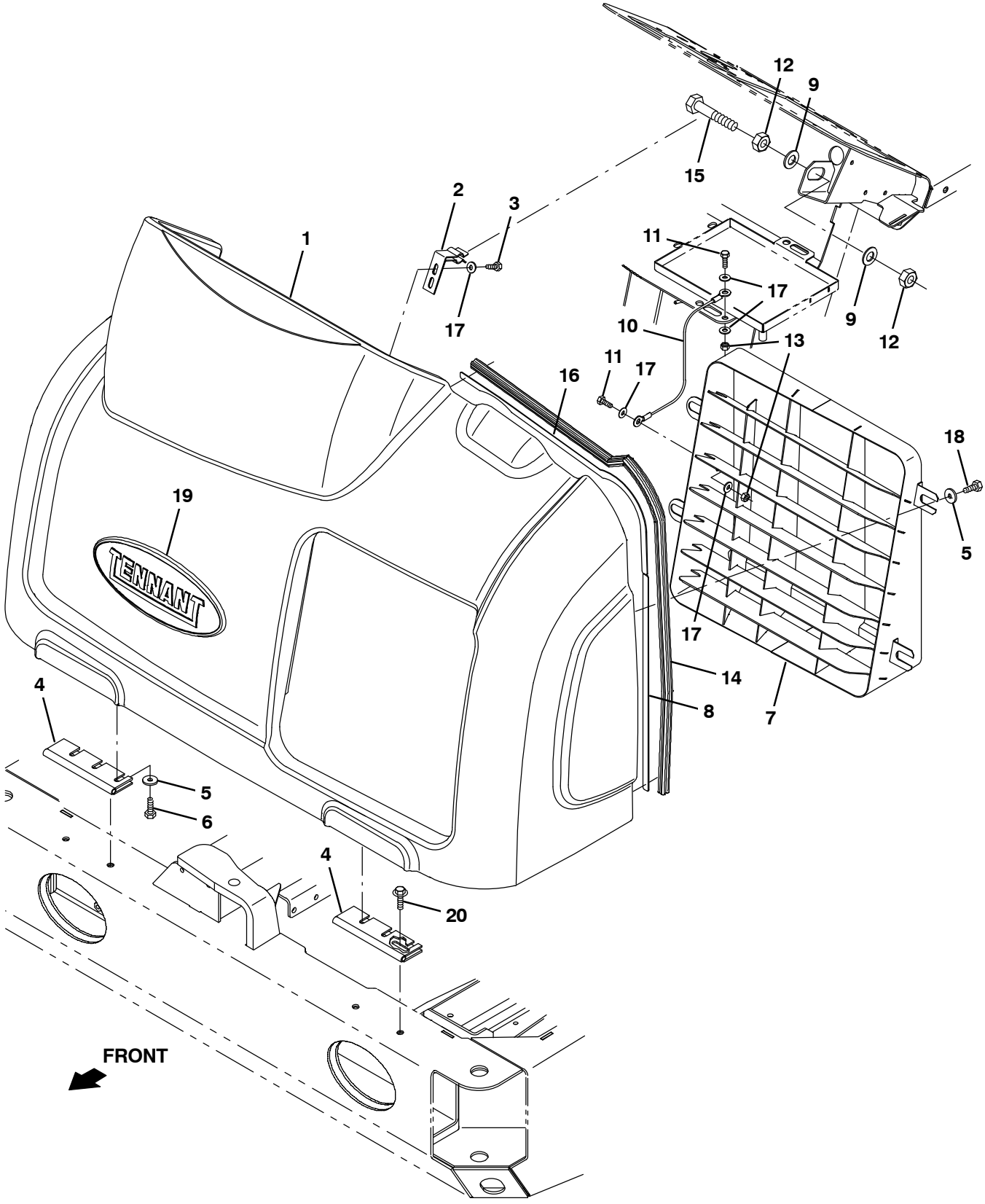


356676 – T20

Fig. 8 – Steering Group

Ref.	Part No.	Serial Number	Description	Qty.
1	56835	(008000–)	Fitting, Hyd, Str, Jm08/Om06	1
2	56690	(008000–)	Fitting, Hyd, Str, Jm06/Om06	2
3	47522	(008000–)	Fitting, Hyd, E45, Jm06/Om06	1
4	1024260	(008000–)	Steer–Control, Hyd05, 06.1 2030 (See Breakdowns)	1
5	1223514	(008000–)	Plate, Wldt, Mtg, Housing	1
6	1232054	(008000–)	Bracket Wldt, Steering, Tilt	1
7	16931	(008000–)	Screw, Hex, M8 X 1.25 X 20, 8.8	7
8	32490	(008000–)	Washer, Flat, 0.25, Std	7
9	1059073	(008000–)	Nut, Hex, Jam, 1.12–12	1
10	1223511	(008000–)	Bracket Wldt, Steering, Tilt, Rh	1
11	70709	(008000–)	Bearing, Flng, 2hole, 0.50b	2
12	1036892	(008000–)	Screw, Hex, M6 X 1.00 X 25, 9.8, Sems	4
13	1223504	(008000–)	Pin, Locking, Steering, Tilt	1
14	47585	(008000–)	Bearing, Flng, 2hole, 0.50b [Nyl]	2
15	32483	(008000–)	Washer, Flat, 0.25, Sae	4
16	08708	(008000–)	Nut, Hex, Lock, M6 X 1.00, Nl	4
17	70717	(008000–)	Ring, Retaining, Ext, 0.50d, Hd	1
18	22290	(008000–)	Spring, Cmpr, 0.72od .06wir 02.3l	1
19	32486	(008000–)	Washer, Flat, 0.53b 1.06d .10, Stl, Pl	1
20	04706	(008000–)	Knob, Tee, 0.38–16, 2.5 X 1.0 1.1l,Plstc	1
21	9015636	(008000–)	Gearbox Kit, Steering, Afmkt[M20/30/T20] (See Breakdowns)	1
22	1056412	(008000–)	Wheel, Steering, 14.4d	1
23	04846	(008000–)	Washer, Thrust, 0.79b 1.42d 0.06[Garlok]	2
24	9015635	(008000–)	Panel Kit, Pod, Afmkt [Std, T20]	1
25	9015633	(008000–)	Panel Kit, Pod, Afmkt [Pro, M20/M30/T20] (Pro–Panel Only)	1
26	10632–13	(008000–)	Grommet, Rbr, 1.50id, F/1.8h, .19 Matl	1
27	06965	(008000–)	Screw, Hex, M10 X 1.50 X 80, 8.8	4
28	13248	(008000–)	Washer, Flat, 0.40b 1.12d .12, Stl, Pl	4
29	1031665	(008000–)	Screw, Pan, M8 X 1.25 X 25, Blk	6
30	32491	(008000–)	Washer, Flat, 0.31, Std	6
31	1230341	(009270–)	Bracket Wldt, Hose	1
32	08716	(009270–)	Screw, Hex, M6 X 1.00 X 20, Ss	1
33	08708	(009270–)	Nut, Hex, Lock, M6 X 1.00, Nl	2
34	1213802	(013001–)	Inductor, Ferrite [Spit Case, 220@100hz]	1

Fig. 9 – Front Cover Group

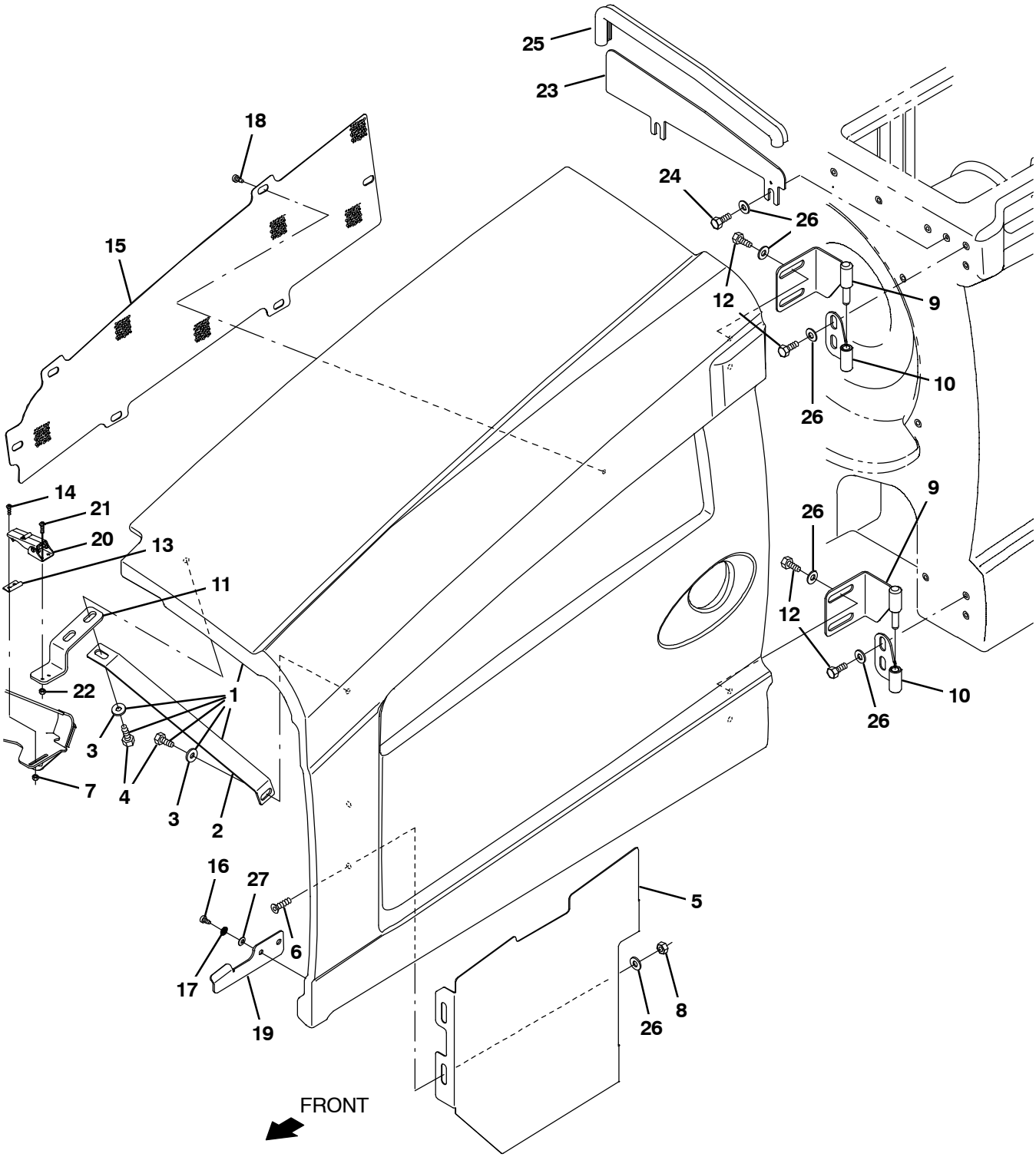


354413 – M20, T20

Fig. 9 – Front Cover Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1022069	(008000–)	Shroud, Front, Trimmed	1
2	1266312	(008000–)	Bracket Wldt, Latch	1
3	06942	(008000–)	Screw, Hex, M6 X 1.0 X 16, 8.8	2
4	71941	(008000–)	Hinge, .38pin .11 3.5w 06.0l 6/0.38sl	2
5	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	10
6	16931	(008000–)	Screw, Hex, M8 X 1.25 X 20, 8.8	6
7	1035068	(008000–)	Grill Wldt, Front	1
8	1037971	(008000–)	Strip Mtg, Seal	1
9	15331	(008000–)	Washer, Flat, 0.62 Sae	2
10	391368	(008000–)	Cable, Glv .09d 016.5l .38eye /.38eye	1
11	06943	(008000–)	Screw, Hex, M6 X 1.00 X 20, 8.8	2
12	07782	(008000–)	Nut, Hex, Std, M16 X 2.0	2
13	08708	(008000–)	Nut, Hex, Lock, M6 X 1.0, Nl	2
14	1049919	(008000–)	Seal, Sponge, 0.88 1.00W 43.0L	1
15	06988	(008000–)	Screw, Hex, M16 X 2.0 X 90, 8.8	1
16	1037970	(008000–)	Strip Mtg, Seal	1
17	32490	(008000–)	Washer, Flat, 0.25, Std	6
18	16735	(008000–)	Screw, Hex, M8 X 1.25 X 16, 8.8	4
19	1214251	(008000–)	Nameplate, Tennant, Domed, 10 Inch	1
20	1037346	(008000–)	Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	4

Fig. 10 – Engine Cover Group

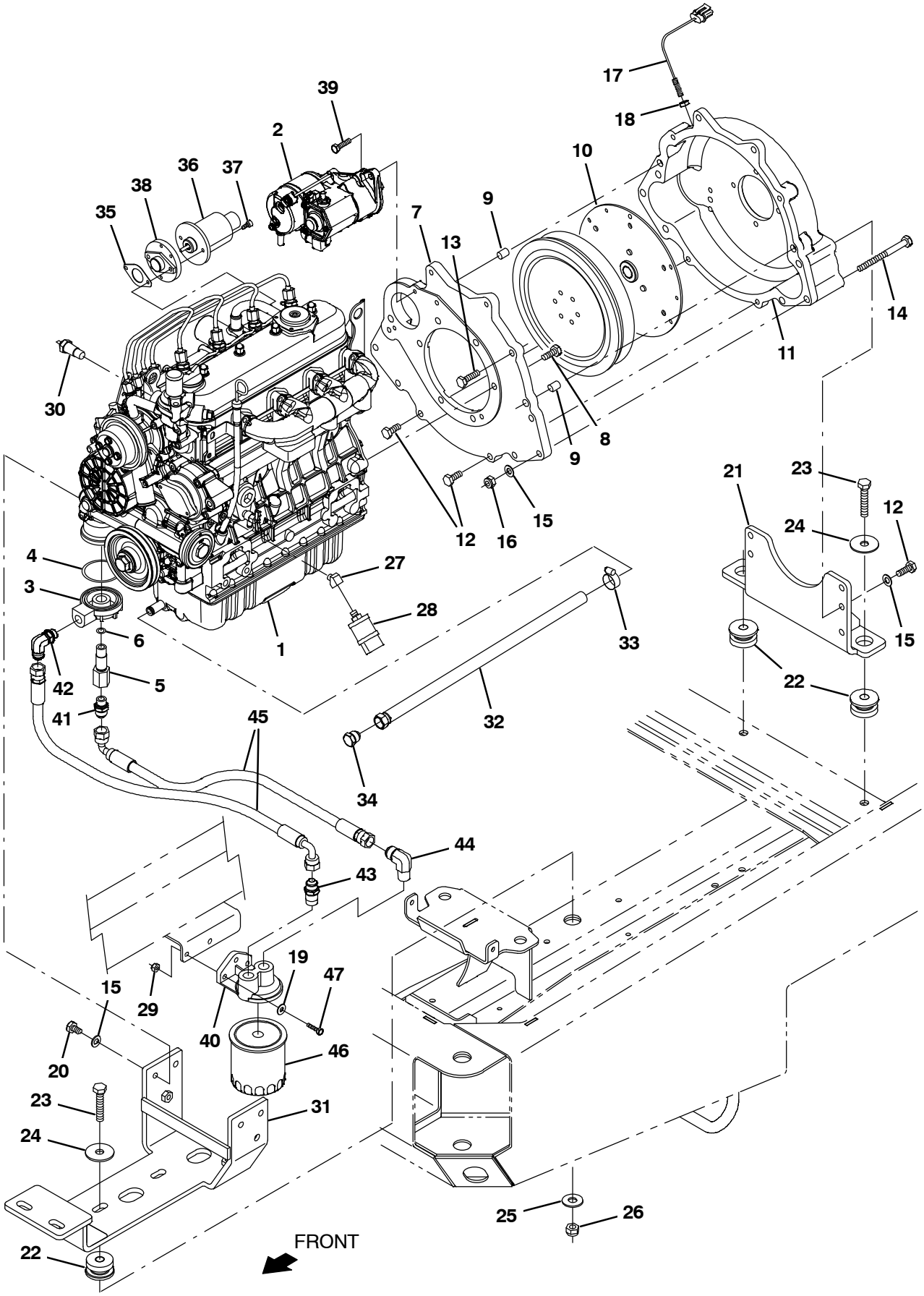


356529 – T20, D

Fig. 10 – Engine Cover Group

	Ref.	Part No.	Serial Number		Description	Qty.
▽	1	1033156	(008000–	)	Shroud Assy, Eng	1
▲	2	1026628	(008000–	)	Angle, Brace, Shrd	1
▲	3	1017218	(008000–	)	Washer, Flat, 0.32b 1.00d .12, Ss	2
▲	4	16931	(008000–	)	Screw, Hex, M8 X 1.25 X 20, 8.8	2
	5	1022004	(008000–	)	Bracket, Shield, Heat	1
	6	74077	(008000–	)	Screw, Flt, M8 X 1.25 X 25	4
	7	33932	(008000–	)	Nut, Hex, Lock, M4 X 0.7, Nl, Ss	2
	8	08709	(008000–	)	Nut, Hex, Lock, M8 X 1.25, Nl	4
	9	1024500	(008000–	)	Hinge Wldt, Shrd, Lh	2
	10	1025196	(008000–	)	Hinge Wldt, Shrd, Lh	2
	11	1020186	(008000–	)	Bracket, Latch, Cover	1
	12	16931	(008000–	)	Screw, Hex, M8 X 1.25 X 20, 8.8	7
	13	384419	(008000–	)	Bracket, Latch, Keeper [Southco]	1
	14	24265	(008000–	)	Screw, Pan, M4 X 0.7 X 16, Ss	2
	15	1026726	(008000–	)	Grill, Eng	1
	16	09200	(008000–	)	Screw, Pan, M5 X 0.8 X 12, Ss	2
	17	19066	(008000–	)	Washer, Flat, #10	2
	18	222267	(008000–	)	Screw, Pan, Phl, 06–20 X 0.50, Fmg/Ab	6
	19	1028412	(008000–	)	Bracket, Guide, Shrd	1
	20	1222018	(008000–	)	Latch, Door, Yellow	1
	21	06927	(008000–	)	Screw, Pan, M4 X 0.7 X 16, 4.8	2
	22	02850	(008000–	)	Nut, Hex, Lock, M4 X 0.7, Nl	2
	23	1025806	(008000–	)	Plate, Seal, Sound	1
	24	09740	(008000–	)	Screw, Hex, M8 X 1.25 X 20, Ss	2
	25	1030588	(008000–	)	Seal, Afmkt, Bulb, 90, 0.75d F/11ga 02ft	2
	26	1017218	(008000–	)	Washer, Flat, 0.32b 1.00d .12, Ss	15
	27	41139	(008000–	)	Washer, Lock, Int–Ext, 10	2

Fig. 11 – Engine and Mount Group

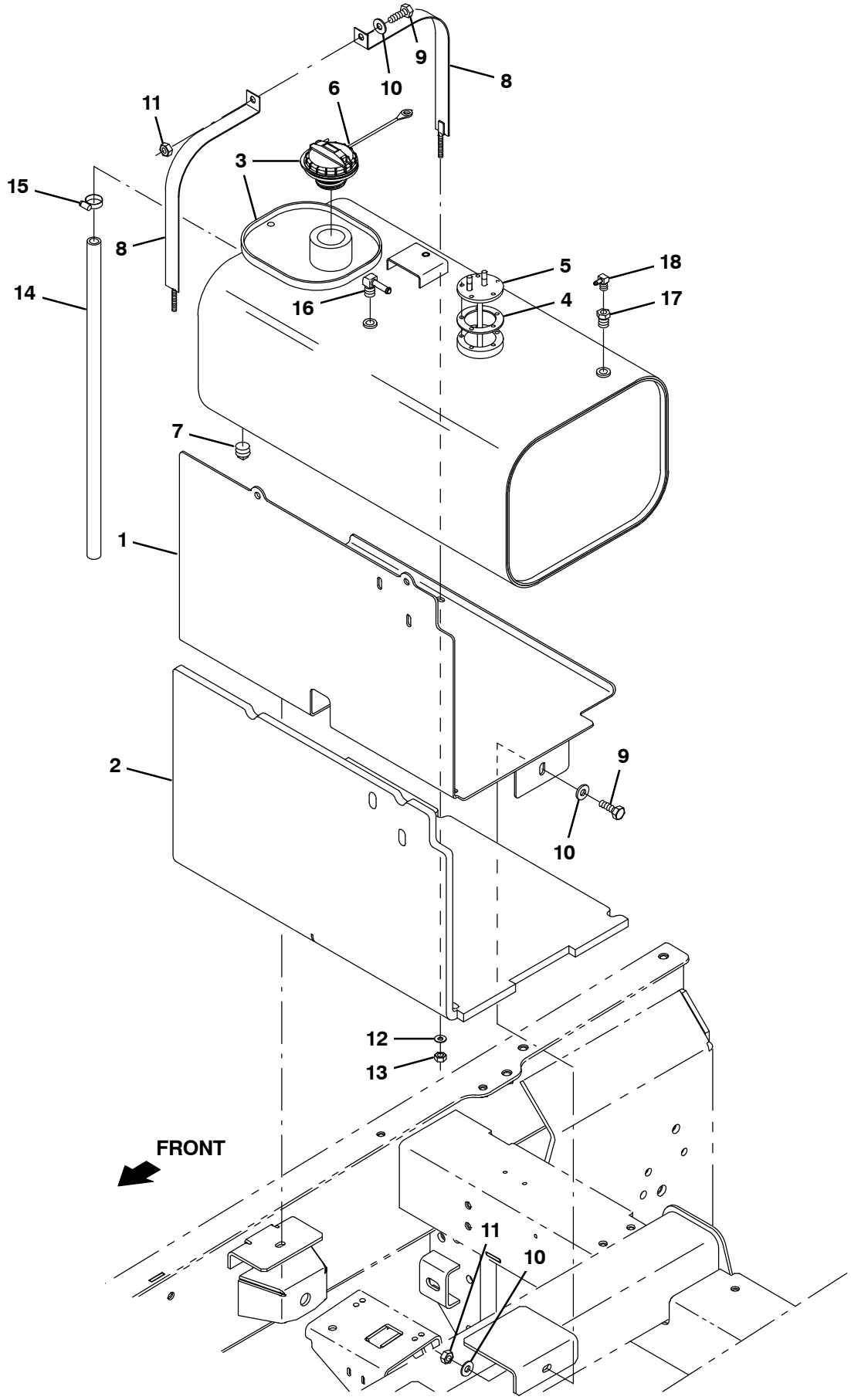


354494 – D, M20, T20

Fig. 11 – Engine and Mount Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1072224	(008000–)	Engine Assy, Dsl, 25hp [Ku V1505 Tier4f] (See Engine Breakdown)	1
▲	2	74405	(008000–)	Motor, Starter, 12vdc [Kubota] (See Engine Breakdown)	1
	3	368056	(008000–)	Base, Fltr, Oil [Ku]	1
	4	70907	(008000–)	Seal, Org	1
	5	368059	(008000–)	Pipe, Fltr, Oil [Ku]	1
	6	70911	(008000–)	Seal, Org	1
	7	55837	(008000–)	Housing, Flywheel, Mach [1505, Kubo]	1
	8	07299	(008000–)	Screw, Hex, M10 X 1.25 X 25, 8.8	6
	9	54911–16	(008000–)	Pin, Dowel, Cyl Block [1pk=4]	2
	10	19252	(008000–)	Coupling, Drive, Flex, 09.5d / 13tooth	1
	11	58566	(008000–)	Housing, Flywheel, Mach [1505, Kubo]	1
	12	39283	(008000–)	Screw, Hex, M10 X 1.5 X 25, 8.8	6
	13	39284	(008000–)	Screw, Hex, M10 X 1.5 X 35, 8.8	2
	14	06966	(008000–)	Screw, Hex, M10 X 1.5 X 110, 8.8	5
	15	32485	(008000–)	Washer, Flat, 0.38, Sae	13
	16	41430	(008000–)	Nut, Hex, Lock, M10 X 1.5, Nl	5
	17	380521	(008000–)	Magnet, Pickup	1
	18	20171	(008000–)	Nut, Hex, Jam, .38–24	1
	19	32491	(008000–)	Washer, Flat, 0.31, Std	2
	20	07299	(008000–)	Screw, Hex, M10 X 1.25 X 25, 8.8	4
	21	1023074	(008000–)	Bracket Wldt, Mtg, Eng, Rear, Dsl	1
	22	51176	(008000–)	Isolator, Vib, .50d	3
	23	06972	(008000–)	Screw, Hex, M12 X 1.75 X 60, 8.8	3
	24	04414	(008000–)	Washer, Flat, 0.53b 1.88d .12, Stl, Pl	3
	25	32493	(008000–)	Washer, Flat, 0.50, Std	1
	26	08711	(008000–)	Nut, Hex, Lock, M12 X 1.75,Nl	1
	27	24976	(008000–)	Fitting, Brs, E45, Pf02/Pm02	1
	28	79399	(008000–)	Switch, Press, Dpdt 0006psi	1
	29	08709	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl	2
	30	1050757	(008000–)	Switch, Thermostat, Water	1
	31	1046810	(008000–)	Bracket Wldt, Mtg, Eng, Front, Dsl	1
	32	1027273	(008000–)	Hose, 0300, 08, Jf08str / None, 19.0	1
	33	63810	(008000–)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	1
	34	16376	(008000–)	Fitting, Hyd, Plug, Jm08	1
	35	70165	(008000–)	Gasket, Solenoid, Throttle [Ku]	1
	36	71385	(008000–)	Actuator, Govnr, Dsl	1
	37	71388	(008000–)	Screw, Soc, M6 X 1.00 X 16, 12.9	4
	38	393401	(008000–)	Adapter, Actuator, Govnr, Eng, Dsl	1
	39	76570	(008000–)	Screw, Hex, M8 X 1.25 X 30, 8.8	2
	40	364972	(008000–)	Bracket, Mtg, Fltr, Oil, Remote	1
	41	367591	(008000–)	Fitting, Hyd, Str, Spcl	1
	42	33595	(008000–)	Fitting, Hyd, E90, Jm08/Om16 Metric	1
	43	15687	(008000–)	Fitting, Hyd, Str, Jm08/Pm08	1
	44	51869	(008000–)	Fitting, Hyd, E90, Jm08/Pm08	1
	45	59578	(008000–)	Hose, Hyd, Med08, Jf08e90/Jf08str, 032.0	2
	46	39703–2	(008000–)	Element, Fltr, Oil, Spin–On	1
	47	39277	(008000–)	Screw, Hex, M8 X 1.25 X 25, 8.8	2

Fig. 12 – Engine Fuel Tank Group

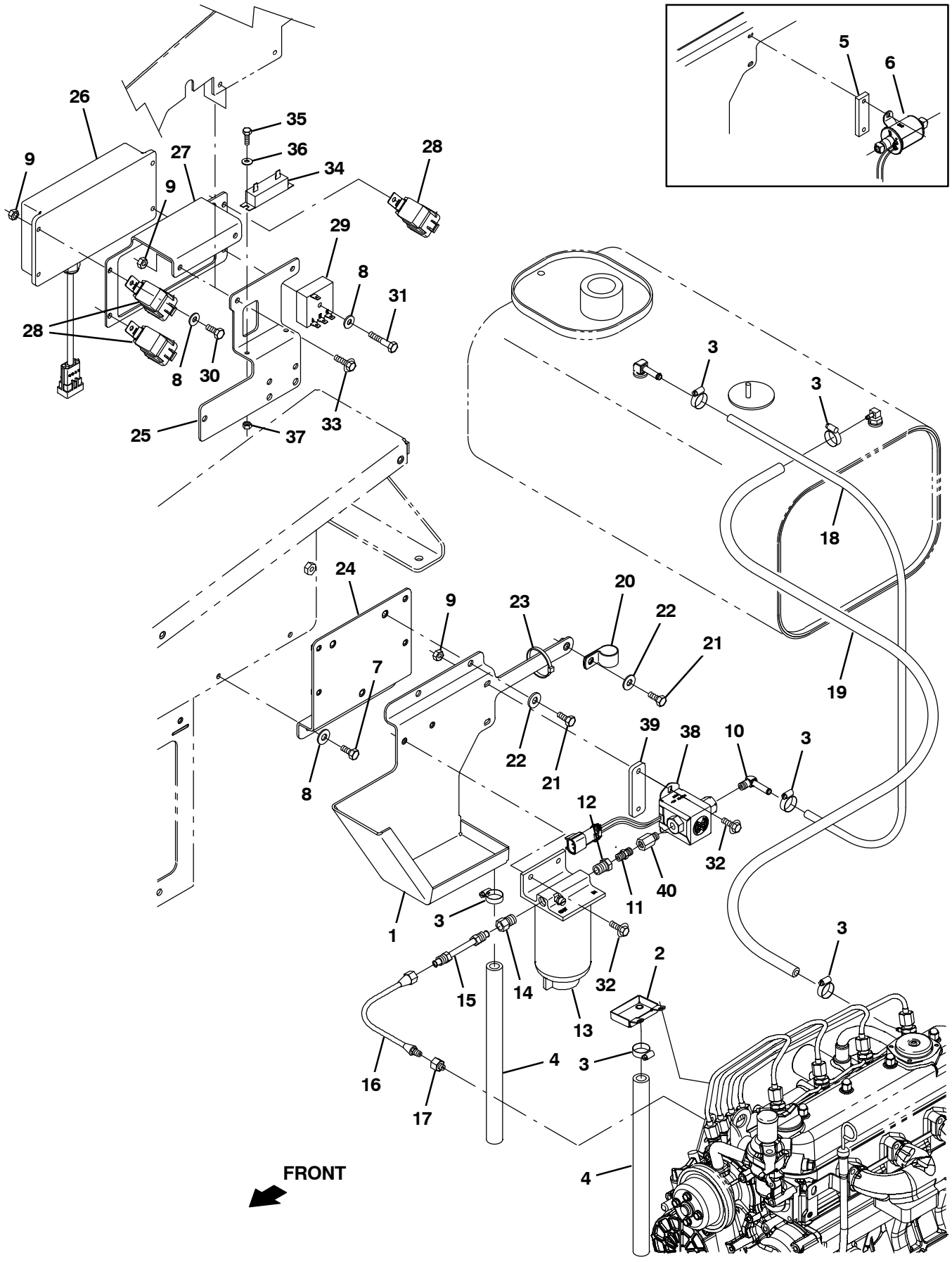


354487 – D, NA, JP

Fig. 12 – Engine Fuel Tank Group

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1026550	(008000–)	Tray Wldt, Fuel	1
	2	1026759	(008000–)	Insulation, Flame–Retardant, 0.5	1
▽	3	9003934	(008000–)	Tank, Fuel, 11.2gal, Dsl, Replmt, Na[08]	1
▲	4	1033897	(008000–)	Gasket, Sender, Fuel	1
▲	5	1033901	(008000–)	Send–Unit, Fuel [2007]	1
▲	6	1032812	(008000–)	Cap, Fuel, Tank	1
▲	7	48126	(008000–)	Fitting, Pipe, Plug, Pm02, Sq Head	1
▽	3	9003958	(008000–)	Tank, Fuel, 11.2gal, Dsl, Replmt, Tj[08] (Japan Only)	1
▲	4	1033897	(008000–)	Gasket, Sender, Fuel	1
▲	5	1033901	(008000–)	Send–Unit, Fuel [2007]	1
▲	6	1032812	(008000–)	Cap, Fuel, Tank	1
▲	7	48126	(008000–)	Fitting, Pipe, Plug, Pm02, Sq Head	1
	8	1025229	(008000–)	Strap, Tank, Gas	2
	9	39277	(008000–)	Screw, Hex, M8 X 1.25 X 25, 8.8	3
	10	32491	(008000–)	Washer, Flat, 0.31, Std	7
	11	08709	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl	5
	12	32483	(008000–)	Washer, Flat, 0.25, Sae	2
	13	32981	(008000–)	Nut, Hex, Lock, .25–20, Nl	2
	14	1023482	(008000–)	Hose, Fuel, 0.50id 21.0l	1
	15	54333	(008000–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	1
	16	9000355	(008000–)	Fitting, Brs, E90, Em05/Pm04	1
	17	17414	(008000–)	Fitting, Hyd, Str, Pf02/Pm04	1
	18	32183	(008000–)	Fitting, Brs, E90, Pm02/Bm03	1

Fig. 13 – Engine Fuel Line Group

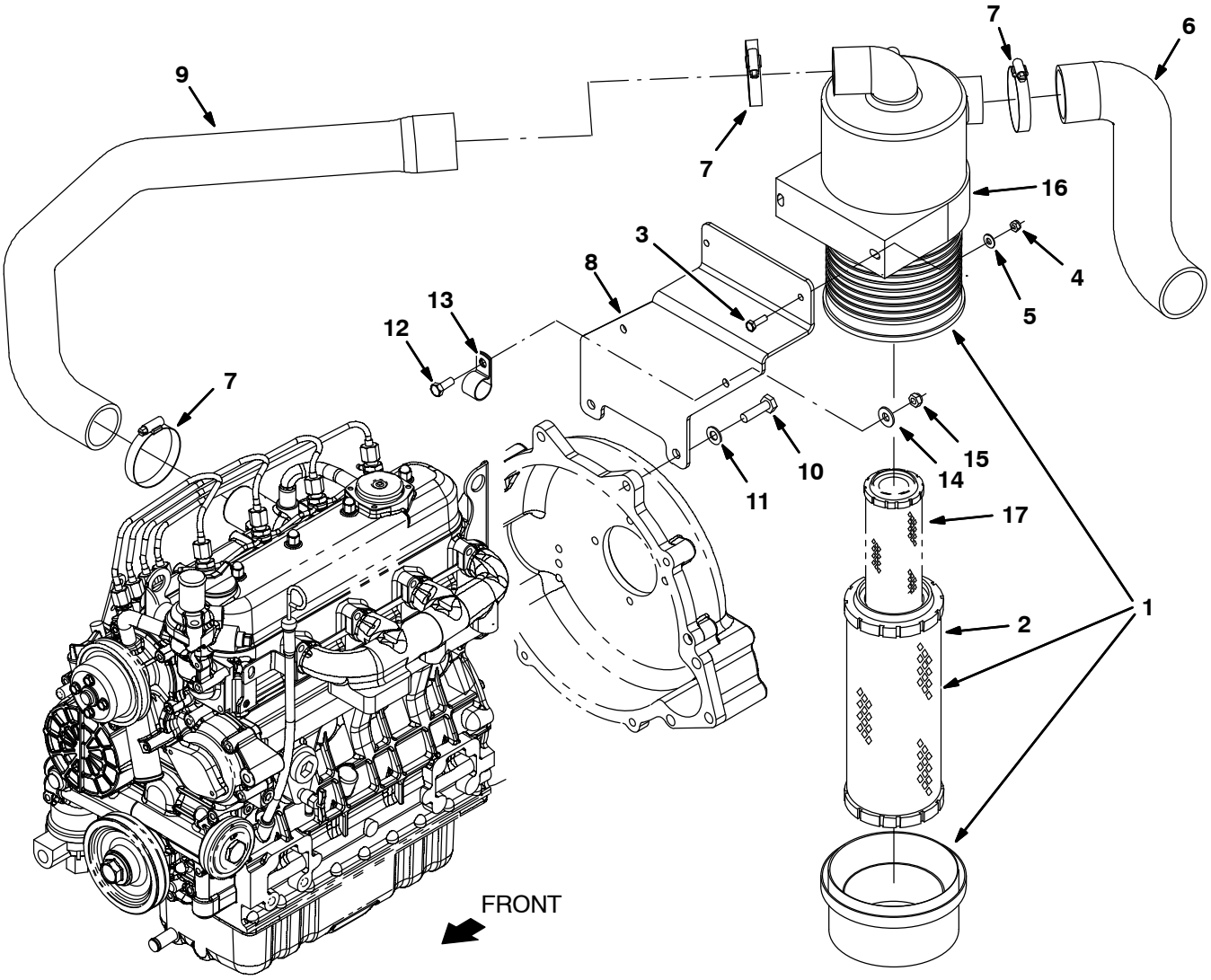


354488 – D

Fig. 13 – Engine Fuel Line Group

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1032512	(008000–)	Tray Wldt, Drip, Dsl	1
	2	1032424	(008000–)	Tray Wldt, Drip, Fuel	1
	3	54333	(008000–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	6
	4	1006416	(008000–)	Hose, Afmkt, Pvc, Clr 0.38id 03ft	1
	5	364779	(008000–010899)	Bar, Flat, Stl 0.38, 01.00 X 03.3l	1
	6	9020940	(008000–010899)	Pump Kit, Fuel, Replmt	1
	7	06942	(008000–)	Screw, Hex, M6 X 1.0 X 16, 8.8	2
	8	32490	(008000–)	Washer, Flat, 0.25, Std	6
	9	08708	(008000–)	Nut, Hex, Lock, M6 X 1.00, Nl	10
	10	53029	(008000–)	Fitting, Brs, E90, Em05/Pm02	1
	11	47566	(008000–)	Fitting, Hyd, Str, Pm02/Pm02	1
	12	17414	(008000–)	Fitting, Hyd, Str, Pf02/Pm04	1
▽	13	1016827	(008000–)	Filter Assy, Fuel, Dsl	1
▲		1017126	(008000–)	Element, Fltr, Fuel [Dn]	1
	14	78043	(008000–)	Fitting, Brs, Str, If05/Pm04	1
	15	1024380	(008000–)	Fuelline, .31d 04.0l 05if/05if, Stl	1
	16	70173	(008000–)	Hose, 0050, 04, If05str / Im05str, 10.0	1
	17	365066	(008000–)	Fitting, Hyd, Str, Metric, Om10/If05	1
	18	87738	(008000–)	Hose, Fuel, 0.18id 29.0l	1
	19	365190	(008000–)	Hose, Fuel, 0.31id 22.0l	1
	20	69234	(008000–)	Clamp, Cable, Stl, 1.00d X 0.75w, 1h	1
	21	16931	(008000–)	Screw, Hex, M8 X 1.25 X 20, 8.8	2
	22	32491	(008000–)	Washer, Flat, 0.31, Std	3
	23	49266	(008000–)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
	24	1029082	(008000–)	Bracket, Mtg, Ecu [M20/T20 2007]	1
	25	1059488	(008000–)	Bracket, Mtg, Coolant, Tank, Dsl [2010]	1
	26	1040835	(008000–)	Control, Govnr [All Purpose]	1
	27	1027922	(008000–)	Bracket, Mtg, Govnr Control, Dsl	1
	28	56186	(008000–)	Relay, 12vdc, 40a, Spdt N/O	3
	29	379656	(008000–)	Timer, 12vdc, 10 Sec	1
	30	06943	(008000–)	Screw, Hex, M6 X 1.0 X 20, 8.8	3
	31	06947	(008000–)	Screw, Hex, M6 X 1.0 X 40, 8.8	1
	32	1040467	(008000–)	Screw, Hex, M6 X 1.00 X 20, 9.8, Sems	4
	33	1036892	(008000–)	Screw, Hex, M6 X 1.00 X 25, 9.8, Sems	2
	34	71539	(008000–)	Resistor, 022.00ohm, 0040watt	1
	35	09244	(008000–)	Screw, Hex, M5 X 0.80 X 16, 8.8	2
	36	19066	(008000–)	Washer, Flat, 0.25b 0.56d .05, Pl, 10	2
	37	06549	(008000–)	Nut, Hex, Lock, M5 X 0.80, Nl	2
	38	1251982	(010900–)	Pump, Fuel	1
	39	1252042	(010900–)	Bar, Flat, Stl 0.25, 01.00 X 03.3l	1
	40	1076774	(010900–)	Fitting, Extension 1/8–Npsf X 20	1

Fig. 14 – Engine Air Cleaner Group

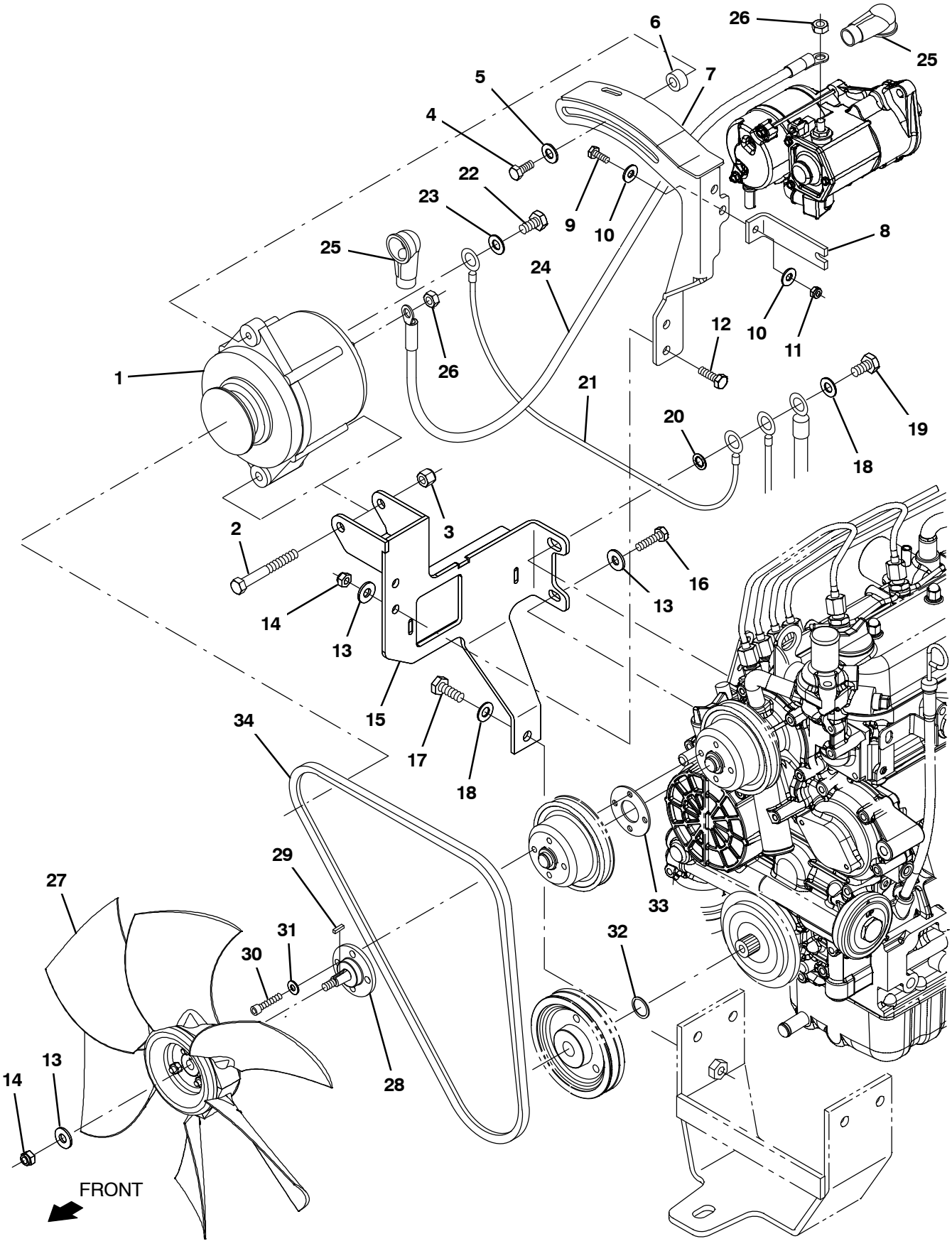


354489 – M20, T20, NA, D

Fig. 14 – Engine Air Cleaner Group

	Ref.	Part No.	Serial Number		Description	Qty.
▽	1	369745	(008000–	)	Filter Assy, Air	1
▲	2	369746	(008000–	)	Element, Fltr, Air [Dn]	1
	3	06943	(008000–	)	Screw, Hex, M6 X 1.0 X 20, 8.8	2
	4	08708	(008000–	)	Nut, Hex, Lock, M6 X 1.00, Nl	2
	5	32483	(008000–	)	Washer, Flat, 0.25, Sae	2
	6	1020949	(008000–	)	Hose, Intake, Mold, 2.00id [Epdm]	1
	7	14432	(008000–	)	Clamp, Hose, Wormdrive, 1.81–2.75d, .50w	3
	8	1024772	(008000–	)	Bracket, Mtg, Air Fltr, Dsl	1
	9	1023892	(008000–	)	Hose, Intake, Mold, 1.75id 1.75id Dsl	1
	10	39284	(008000–	)	Screw, Hex, M10 X 1.5 X 35, 8.8	2
	11	32485	(008000–	)	Washer, Flat, 0.38, Sae	2
	12	09740	(008000–	)	Screw, Hex, M8 X 1.25 X 20, Ss	1
	13	69234	(008000–	)	Clamp, Cable, Stl, 1.00d X 0.75w, 1h	1
	14	01685	(008000–	)	Washer, Flat, 0.31, Ss	1
	15	08713	(008000–	)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	1
	16	369747	(008000–	)	Clamp, Mtg, Fltr, Air	1
	17	398279	(008000–	)	Element, Fltr, Air, Safety (Option)	1

Fig. 15 – Engine Alternator Group

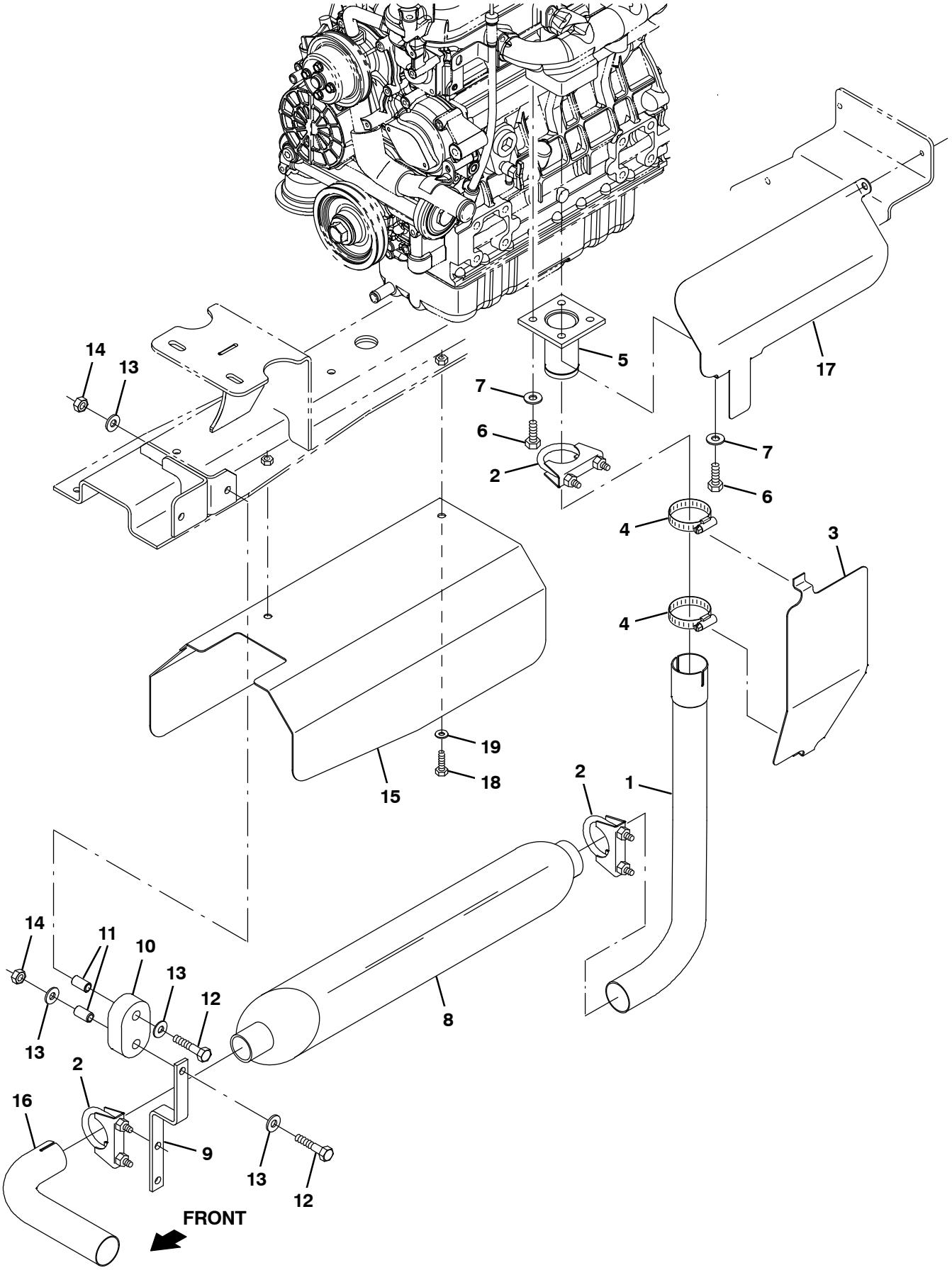


354490 – D

Fig. 15 – Engine Alternator Group

Ref.	Part No.	Serial Number	Description	Qty.
1	392611	(008000–)	Alternator, 12vdc, 075a [Valeo]	1
2	35707	(008000–)	Screw, Hex, .38–16 X 3.00, G5	1
3	59156	(008000–)	Nut, Hex, Lock, .38–16, Nl, Ss	1
4	76955	(008000–)	Screw, Hex, .31–18 X 1.00, G5	1
5	41186	(008000–)	Washer, Flat, Belleville, .31	1
6	73737	(008000–)	Tube, 0.38id 0.75od 00.3l, Ss	1
7	1036847	(008000–)	Arm Wldt, Alternator, Dsl	1
8	1036859	(008000–)	Bracket, Sppt, Alternator, Dsl	1
9	06943	(008000–)	Screw, Hex, M6 X 1.00 X 20, 8.8	1
10	32483	(008000–)	Washer, Flat, 0.25, Sae	2
11	08708	(008000–)	Nut, Hex, Lock, M6 X 1.00, Nl	1
12	39277	(008000–)	Screw, Hex, M8 X 1.25 X 25, 8.8	2
13	32491	(008000–)	Washer, Flat, 0.31, Std	4
14	08709	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl	3
15	1036844	(008000–)	Bracket Wldt, Mtg, Alternator, Dsl	1
16	76570	(008000–)	Screw, Hex, M8 X 1.25 X 30, 8.8	1
17	39283	(008000–)	Screw, Hex, M10 X 1.50 X 25, 8.8	1
18	32492	(008000–)	Washer, Flat, 0.38, Std	2
19	33612	(008000–)	Screw, Hex, M10 X 1.25 X 35, 8.8	1
20	32988	(008000–)	Washer, Lock, Int, 0.38	1
21	31525	(008000–)	Wire, 10ga 16.0l Blk .25ring /.38ring	1
22	42011	(008000–)	Screw, Hex, 10–24 X 0.50, Ss	1
23	01683	(008000–)	Washer, Flat, 10, Ss	1
24	1029689	(008000–)	Cable, 06ga 16.0l Red .38ring /.38ring	1
25	1016314	(008000–)	Boot, 90deg .50id 1.00id 2.50l, Red	2
26	41361	(008000–)	Nut, Hex, Std, M8 X 1.25, Brs	2
27	1031566	(008000–)	Fan, Cooling, 14.1d, 6 Blade, 0.5b Taper	1
28	1035341	(008000–)	Spacer, Fan, Dsl [M20/T20]	1
29	00960	(008000–)	Key, Sq, 0.12 X 0.12, 0.50l	1
30	71388	(008000–)	Screw, Soc, M6 X 1.00 X 16, 12.9	4
31	19066	(008000–)	Washer, Flat, 10	4
32	1039208	(008000–)	Washer, Flat, 1.10b 1.50d .12, Stl, Pl	1
33	1039212	(008000–)	Spacer, Fan	1
34	393244	(008000–)	Belt, V, 42.0l [Hc41]	1

Fig. 16 – Engine Muffler Group

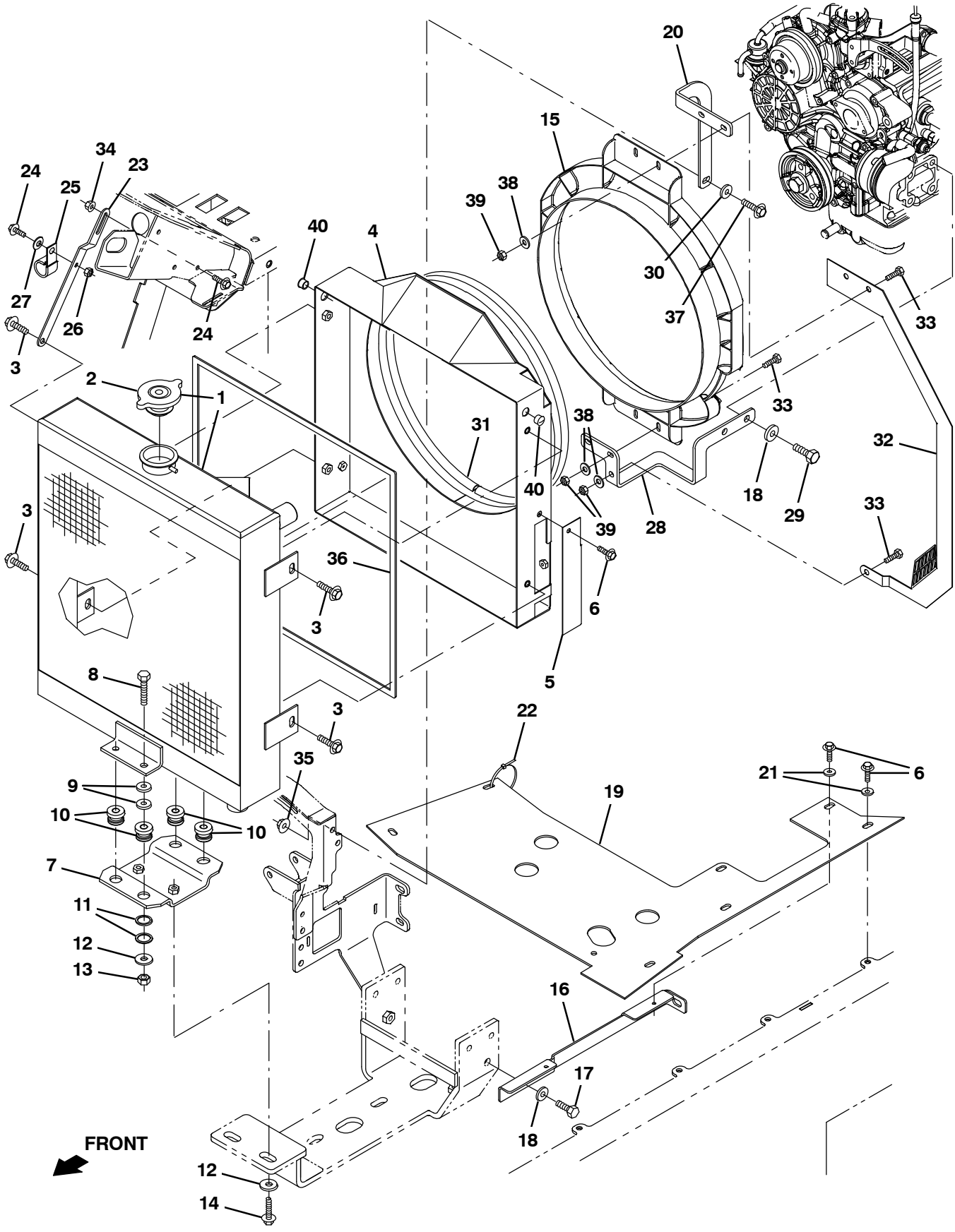


354491 – D

Fig. 16 – Engine Muffler Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1024357	(008000–)	Tube, Exhaust, Dsl	1
2	24012	(008000–)	Clamp, Muffler, 1.62d	3
3	9002411	(008000–)	Plate, Shield, Heat, Dsl, Replmt	1
4	79381	(008000–)	Clamp, Hose, Wormdrive, 1.25–2.00D, .50W	2
5	74452	(008000–)	Tube Wldt, Exhaust, 1.5d, 4 Hole Flng	1
6	16931	(008000–)	Screw, Hex, M8 X 1.25 X 20, 8.8	4
7	32491	(008000–)	Washer, Flat, 0.31, Std	4
8	33333	(008000–)	Muffler, Exhaust	1
9	1017969	(008000–)	Bracket, Muffler, Hanger, Front	1
10	1013031	(008000–)	Isolator, Rbr	1
11	222496	(008000–)	Sleeve, P/M, 0.31b 0.50d 0.9l [430ss]	2
12	222505	(008000–)	Screw, Hex, M8 X 1.25 X 45, Ss	2
13	01685	(008000–)	Washer, Flat, 0.31, Ss	4
14	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	2
15	1028994	(008000–)	Channel, Shield, Muffler [M20/T20 2007]	1
16	1021789	(008000–)	Tube, Exhaust, 1.5d	1
17	1032010	(008000–)	Shield, Heat, Dsl	1
18	08716	(008000–)	Screw, Hex, M6 X 1.0 X 20, Ss	2
19	32483	(008000–)	Washer, Flat, 0.25, Sae	2

Fig. 17 – Engine Radiator Group

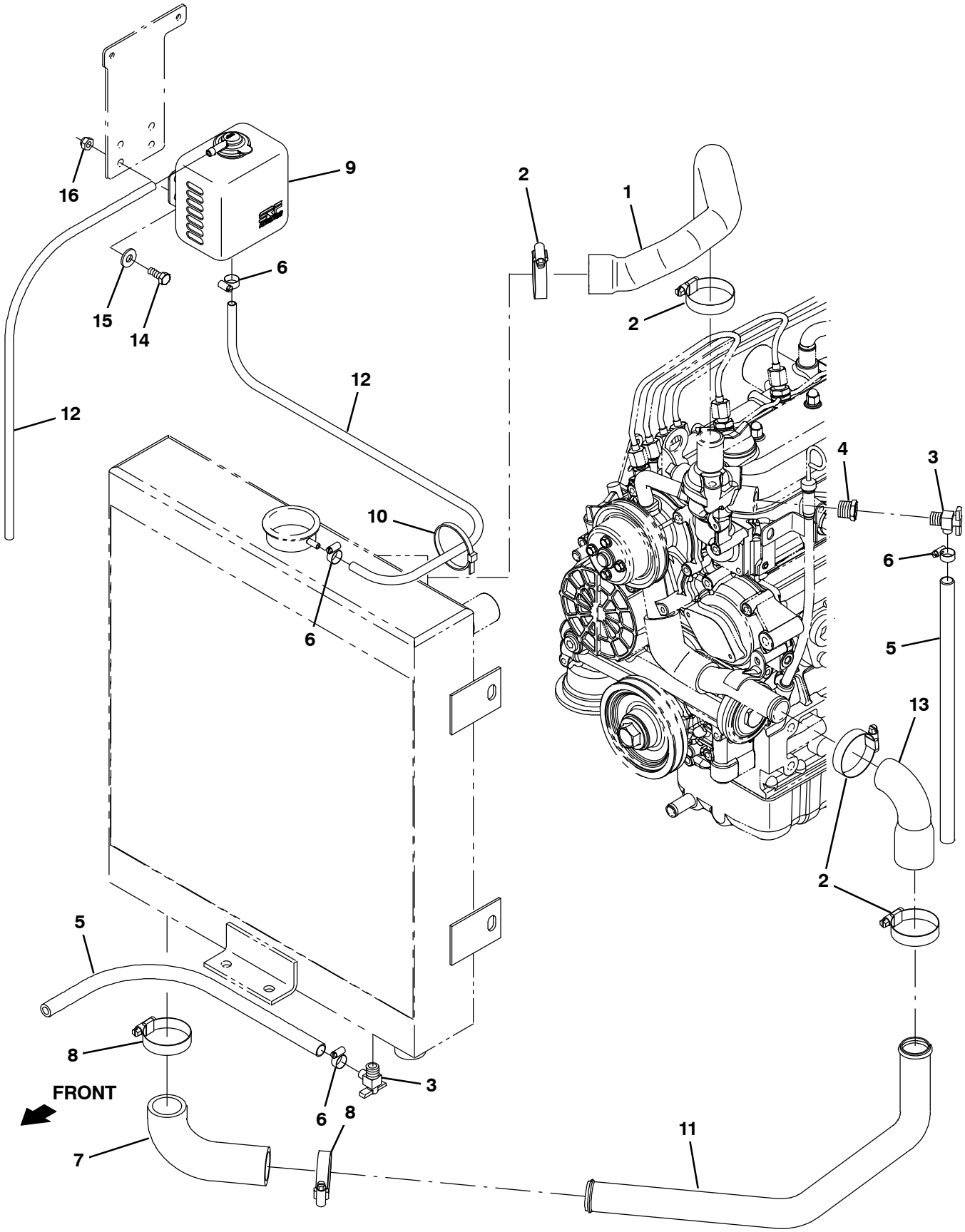


356022 – D, M20, T20

Fig. 17 – Engine Radiator Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1249770	(008000–)	Radiator, W/ Hyd Cooler [Afmkt]	1
▲	2	1265988	(008000–)	Cap, Radiator, 16Psi Sae 164	1
	3	1037346	(008000–)	Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	4
	4	1058699	(008000–)	Shroud Wldt, Fan, Eng, Dsl	1
	5	1045433	(008000–)	Bracket, Cover	1
	6	1036892	(008000–)	Screw, Hex, M6 X 1.00 X 25, 9.8 Sems	6
	7	1046962	(008000–)	Bracket, Mtg, Radiator	1
	8	39285	(008000–)	Screw, Hex, M10 X 1.50 X 40, 8.8	4
	9	32492	(008000–)	Washer, Flat, 0.38, Std	8
	10	54274	(008000–)	Isolator, Vib, Bshg, 1.1d 0.6l .4b 0.78h	4
	11	09832	(008000–)	Washer, Flat, 0.81b 1.06d .06, Stl	8
	12	1014563	(008000–)	Washer, Flat, 0.40b 1.12d .12, Ss	6
	13	41430	(008000–)	Nut, Hex, Lock, M10 X 1.5, Nl	4
	14	1037355	(008000–)	Screw, Hex, M8 X 1.25 X 35, 9.8, Sems	2
	15	1054428	(008000–)	Shroud, Fan	1
	16	1052164	(008000–)	Bracket, Sppt	1
	17	39283	(008000–)	Screw, Hex, M10 X 1.50 X 25, 8.8	1
	18	32485	(008000–)	Washer, Flat, 0.38, Sae	3
	19	1052175	(008000–)	Skirt, Fan, Eng, Dsl	1
	20	1058732	(008000–)	Bracket, Mtg, Fan, Shrd, Upper, Dsl	1
	21	41178	(008000–)	Washer, Flat, 0.25, Fendr	3
	22	49266	(008000–)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
	23	1019968	(008000–)	Bracket, Mtg, Radiator	1
	24	1040467	(008000–)	Screw, Hex, M6 X 1.00 X 20, 9.8, Sems	2
	25	30407	(008000–)	Clip, Keeper, Open	1
	26	08708	(008000–)	Nut, Hex, Lock, M6 X 1.00, Nl	1
	27	32490	(008000–)	Washer, Flat, 0.25, Std	1
	28	1058730	(008000–)	Bracket, Mtg, Fan, Shrd, Lower, Dsl	1
	29	07299	(008000–)	Screw, Hex, M10 X 1.25 X 25, 8.8	2
	30	32492	(008000–)	Washer, Flat, 0.38, Std	2
	31	376735	(008000–)	Seal, Bulb, Str, 0.38h .75w Adh, 52 L	1
	32	1064434	(008000–)	Bracket, Shrd, Radiator, Dsl, Ce	1
	33	06943	(008000–)	Screw, Hex, M6 X 1.00 X 20, 8.8	5
	34	07790	(008000–)	Nut, Hex, Flng, M6 X 1.00	1
	35	07791	(008000–)	Nut, Hex, Flng, M8 X 1.25	1
	36	367812	(008000–)	Seal, Rbr, Clsd, .13, .38w 72.0l, Adh	1
	37	1037346	(008000–)	Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	1
	38	32483	(008000–)	Washer, Flat, 0.25, Sae	5
	39	08708	(008000–)	Nut, Hex, Lock, M6 X 1.00, Nl	5
	40	02431	(008000–)	Plug, Hole, Rnd, 0.56h .03–.12, Blk Nyl	2

Fig. 18 – Engine Radiator Hose Group

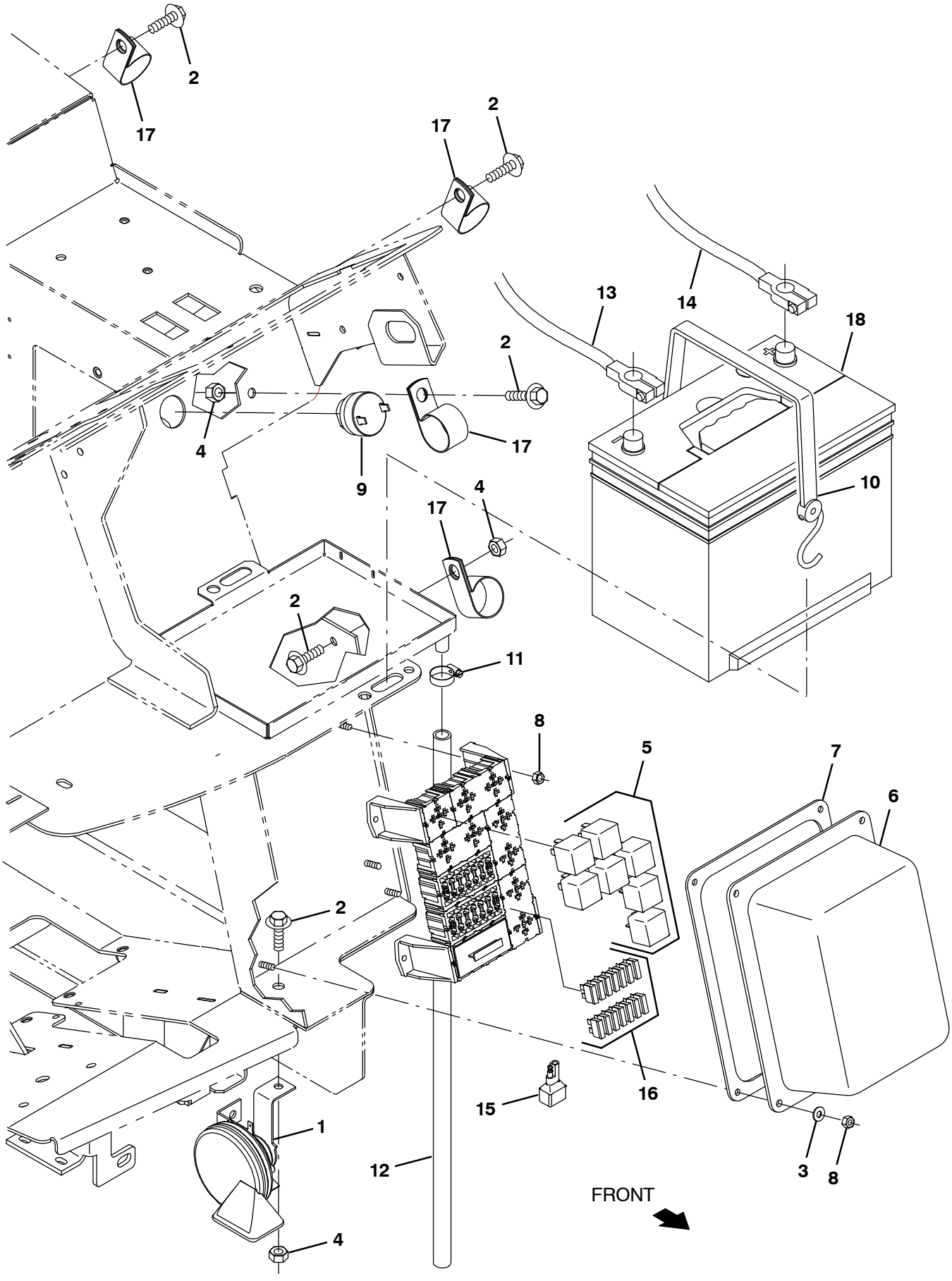


354911 – D

Fig. 18 – Engine Radiator Hose Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1071195	(008000–)	Hose, Radiator, Upper, Dsl	1
2	11399	(008000–)	Clamp, Hose, Wormdrive, 0.81–1.50d, .50w	4
3	51305	(008000–)	Fitting, Draincock, E90, .25npt	2
4	150006	(008000–)	Fitting, Brs, Str, Pf04/Pm06, Bshg	1
5	73471	(008000–)	Hose, Pvc, Clr, 0.38id 0.56od 022.0l	2
6	43844	(008000–)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	4
7	1007482	(008000–)	Hose, Rbr, E90, 1.25id 1.25id 04.2 03.1	1
8	79381	(008000–)	Clamp, Hose, Wormdrive, 1.25–2.00D, .50W	2
9	1054382	(008000–)	Tank, Coolant, 03.6W 04.1HI 05.5L,1Liter	1
10	49266	(008000–)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
11	1023180	(008000–)	Tube, Radiator, Lower, Dsl	1
12	1015041	(008000–)	Hose, Afmkt, Coolant Recvy, 08ft	1
13	1062103	(008000–)	Hose, Radiator, Lower, Dsl	1
14	16931	(008000–)	Screw, Hex, M8 X 1.25 X 20, 8.8	2
15	32491	(008000–)	Washer, Flat, 0.31, Std	2
16	08709	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl	2

Fig. 19 – Battery and Electrical Group

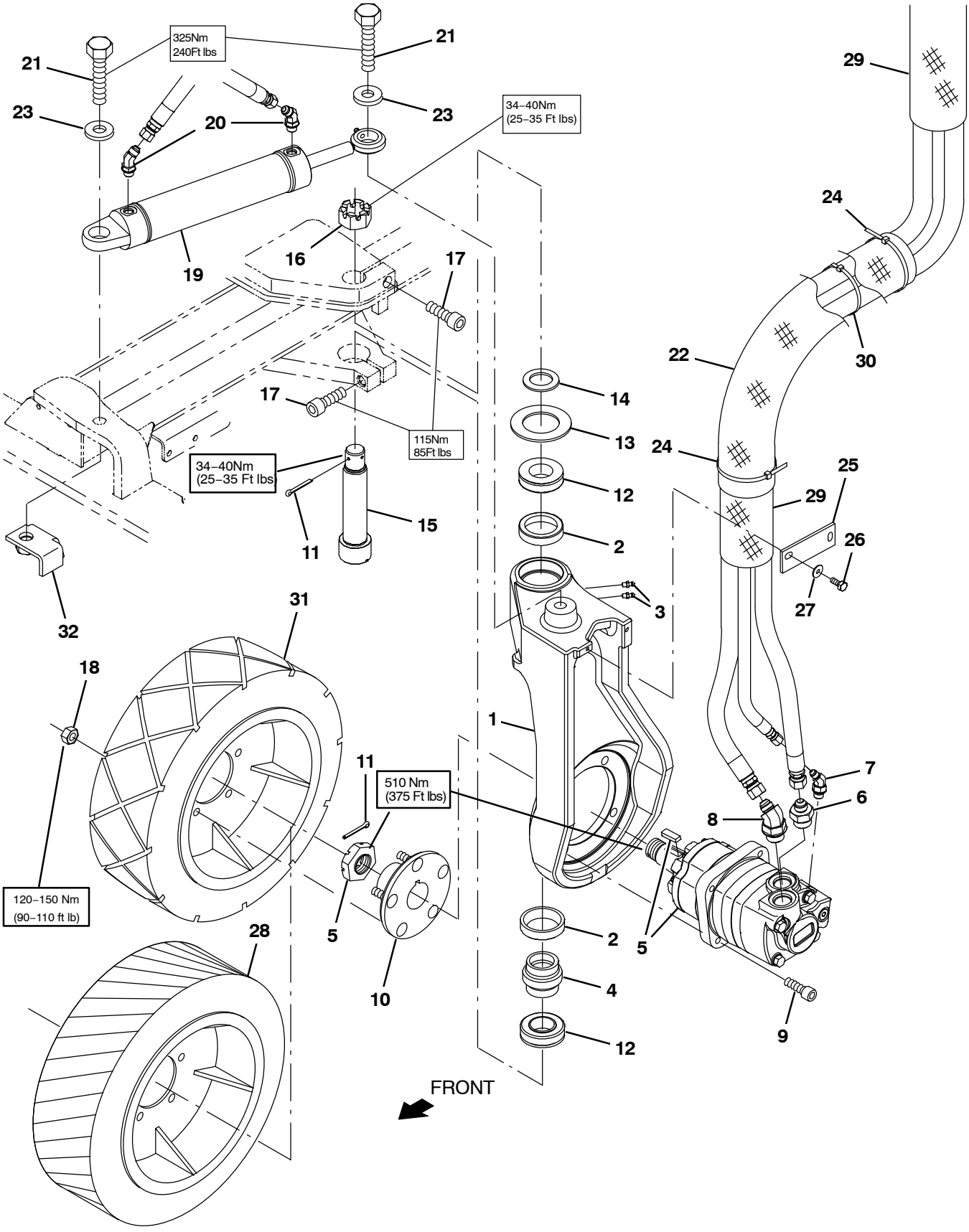


354425 – D

Fig. 19 – Battery and Electrical Group

Ref.	Part No.	Serial Number	Description	Qty.
1	369704	(008000–)	Horn, 12vdc, Dba [Wolo]	1
2	1037346	(008000–)	Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	5
3	19066	(008000–)	Washer, Flat, #10	4
4	08709	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl	3
5	57804	(008000–)	Relay, 12vdc, 40a, Spdt N/O	7
6	1024274	(008000–)	Cover, Fuse, Block	1
7	1026576	(008000–)	Gasket, Cover, Fuse Block	1
8	06549	(008000–)	Nut, Hex, Lock, M5 X 0.8, Nl	8
9	1021290	(008000–)	Alarm, Warning [Sonalert, St628]	1
10	33671	(008000–)	Strap, Rbr, Tie–Down, 2/Hooks 19.0l	1
11	54333	(008000–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	1
12	20778	(008000–)	Hose, Pvc, Clr, 0.50id 0.69od 30.00l	1
13	60295	(008000–)	Cable, Battery, 02ga 60.0l Blk .41ring	1
14	68869	(008000–)	Cable, Battery, 02ga 48.0l Red .41ring	1
15	222290	(008000–)	Diode, Ele, Plug	1
16	762514	(008000–)	Fuse, 015a	14
17	53466	(008000–)	Clamp, Cable, Stl, 1.50d X 1.00w, 1h	4
18	10143	(008000–)	Battery, Wet, 12Vdc 0600Cca	1

Fig. 20 – Wheel Group, Front Drive

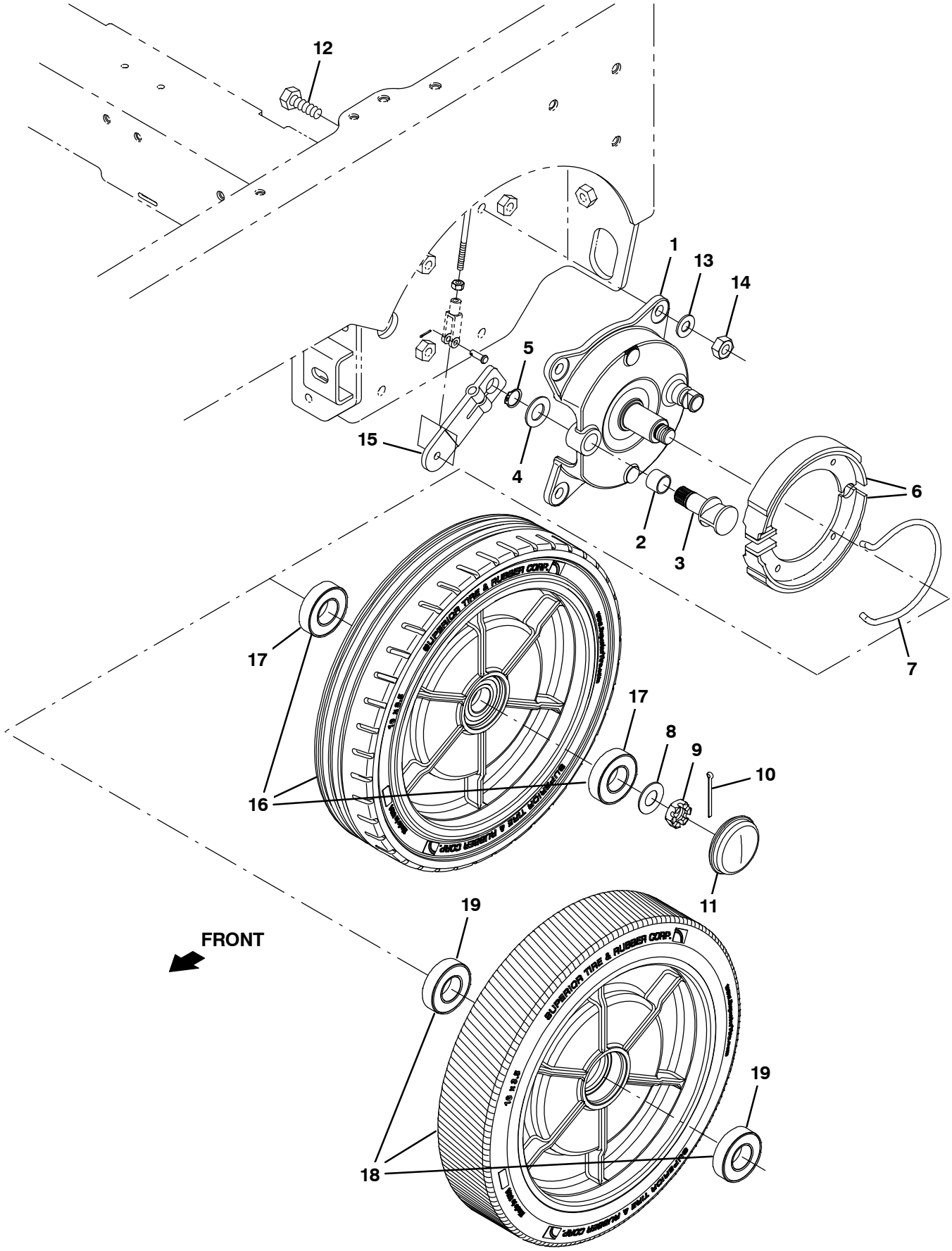


354426 – M20, T20

Fig. 20 – Wheel Group, Front Drive

	Ref.	Part No.	Serial Number		Description	Qty.
	1	1071061	(008000–	)	Housing, Sppt, Front Wheel	1
	2	51338	(008000–	)	Bearing, Cup, 2.56d 0.55w	2
	3	47801	(008000–	)	Fitting, Grease, Str Pm04 .63l	2
	4	374560	(008000–	)	Seal, Drive, Rear, Grease Cav	1
	5	379609	(008000–	)	Motor, Hyd, Gear, Int 19.0 Bi–Dir 3000 (See Breakdowns)	1
	6	42223	(008000–011414	)	Fitting, Hyd, Str, Jm10/Om12	1
	6	42227	(011415–	)	Fitting, Hyd, Str, Jm08/Om12	1
	7	393215	(008000–	)	Fitting, Hyd, E45, Jm04/Om06	1
	8	1024249	(008000–011414	)	Fitting, Hyd, E45, Jm10/Om12	1
	8	1258930	(011415–	)	Fitting, Hyd, E45, Jm08/Om12	1
	9	19583	(008000–	)	Screw, Soc, .50–13 X 1.50, Al	4
▽	10	54087	(008000–	)	Hub Assy, Wheel, 5 Bolt 4.50bc Taper B	1
▲		32126	(008000–	)	Stud, Wheel, .50–20 X 1.50l, 0.370th	5
	11	08180	(008000–	)	Pin, Cotter, .125 X 2.00	2
	12	51339	(008000–	)	Bearing, Cone, 1.38b 0.71w	2
	13	374563	(008000–	)	Washer, Flat, 2.16b 3.50d .16, Felt	1
	14	54051	(008000–	)	Washer, Flat, 1.39b 2.12d .13, Stl	1
	15	73281	(008000–	)	Bolt, Shld, 1.37d X 5.13l,1.1–18 Drilled	1
	16	54052	(008000–	)	Nut, Hex, Sltd, 1.12–18	1
	17	72926	(008000–	)	Screw, Soc, M16 X 2.0 X 50, 12.9	2
	18	24339	(008000–	)	Nut, Wheel, .50–20 X 60 Angle	5
	19	1034270	(008000–	)	Cylinder, Hyd, 2.0b,15.2l,09.00strk,3000	1
	20	47522	(008000–	)	Fitting, Hyd, E45, Jm06/Om06	2
	21	77345	(008000–	)	Screw, Hex, .75–10 X 3.25, G5	1
	22	82832	(008000–	)	Sleeve, Nyl, 2.38id 25.0l	1
	23	1073487	(008000–	)	Washer, Flat, .781b 1.63od .16, Stl, Blk	2
	24	49266	(008000–	)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
	25	1052521	(008000–	)	Bar, Flat, Stl 0.19, 01.50 X 04.1l	1
	26	16931	(008000–	)	Screw, Hex, M8 X 1.25 X 20, 8.8	2
	27	32491	(008000–	)	Washer, Flat, 0.31, Std	2
	28	1061973	(008000–	)	Tire, Drive, Scrbr, Pu, Grey, 18.0X6.0 (Optional Polyurethane)	1
	29	57315	(008000–	)	Sleeve, Nyl, #37 05.0l	2
	30	49266	(008000–	)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
	31	1059343	(008000–	)	Tire, Drive, Scrbr, Non–Skid, 18.0X6.0	1
	32	1060521	(008000–	)	Bracket, Mtg, Sppt	1

Fig. 21 – Wheel Group, Rear

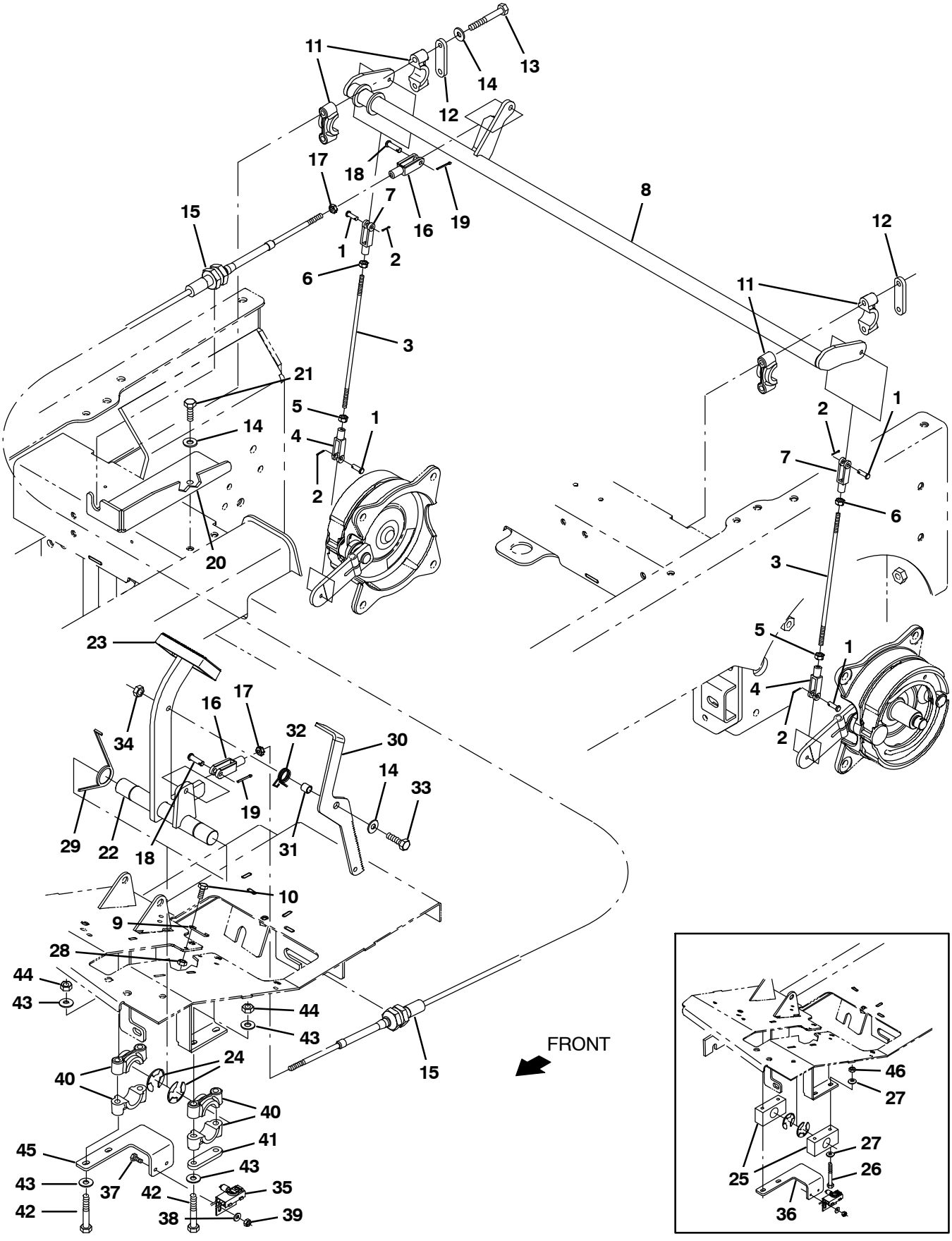


354427

Fig. 21 – Wheel Group, Rear

	Ref.	Part No.	Serial Number	Description	Qty.
▽		360023	(008000–)	Brake Assy, Drum, Mech, 07.0d 1.2w	2
▲	1	360270	(008000–)	Plate, Backing, Brake	1
▲	2	360271	(008000–)	Bushing, Sleeve, 0.78b 0.86d 0.93l, Bnz	1
▲	3	360272	(008000–)	Cam, Plt, Brake [Nickel]	1
▲	4	360273	(008000–)	Washer, Flat, M21.0b X 37d X 3	1
▲	5	360274	(008000–)	Retainer, Ring, Brake	1
▲	6	360275	(008000–)	Shoe, Brake, 180 X 30mm	2
▲	7	360276	(008000–)	Spring, Wir, 0.25d, Return, Brake	1
	8	49145	(008000–)	Washer, Flat, 0.76b 1.50d .06, Ss	2
	9	86659	(008000–)	Nut, Hex, Sltd, .75–16	2
	10	08171	(008000–)	Pin, Cotter, .156 X 2.00	2
	11	54390	(008000–)	Cap, Hub, Dust 2.57d 0.77l	2
	12	06969	(008000–)	Screw, Hex, M12 X 1.75 X 40, 8.8	8
	13	32486	(008000–)	Washer, Flat, 0.50 Sae	8
	14	08711	(008000–)	Nut, Hex, Lock, M12 X 1.75,Nl	8
	15	360802	(008000–)	Arm, Lever, Brake, 4.1 [Knott]	2
▽	16	1076240	(008000–)	Tire Assy, Idler, 16.0 X 3.5, Rubber	2
▲	17	360074	(008000–)	Bearing, Ball, 1.18b 2.44d 0.63w	2
▽	18	1076680	(008000–)	Tire, Idle, 16 X 3.5, Pu, Siped Tread(Optional Polyurethane)	2
▲	19	360074	(008000–)	Bearing, Ball, 1.18b 2.44d 0.63w	2

Fig. 22 – Brake Pedal Linkage Group

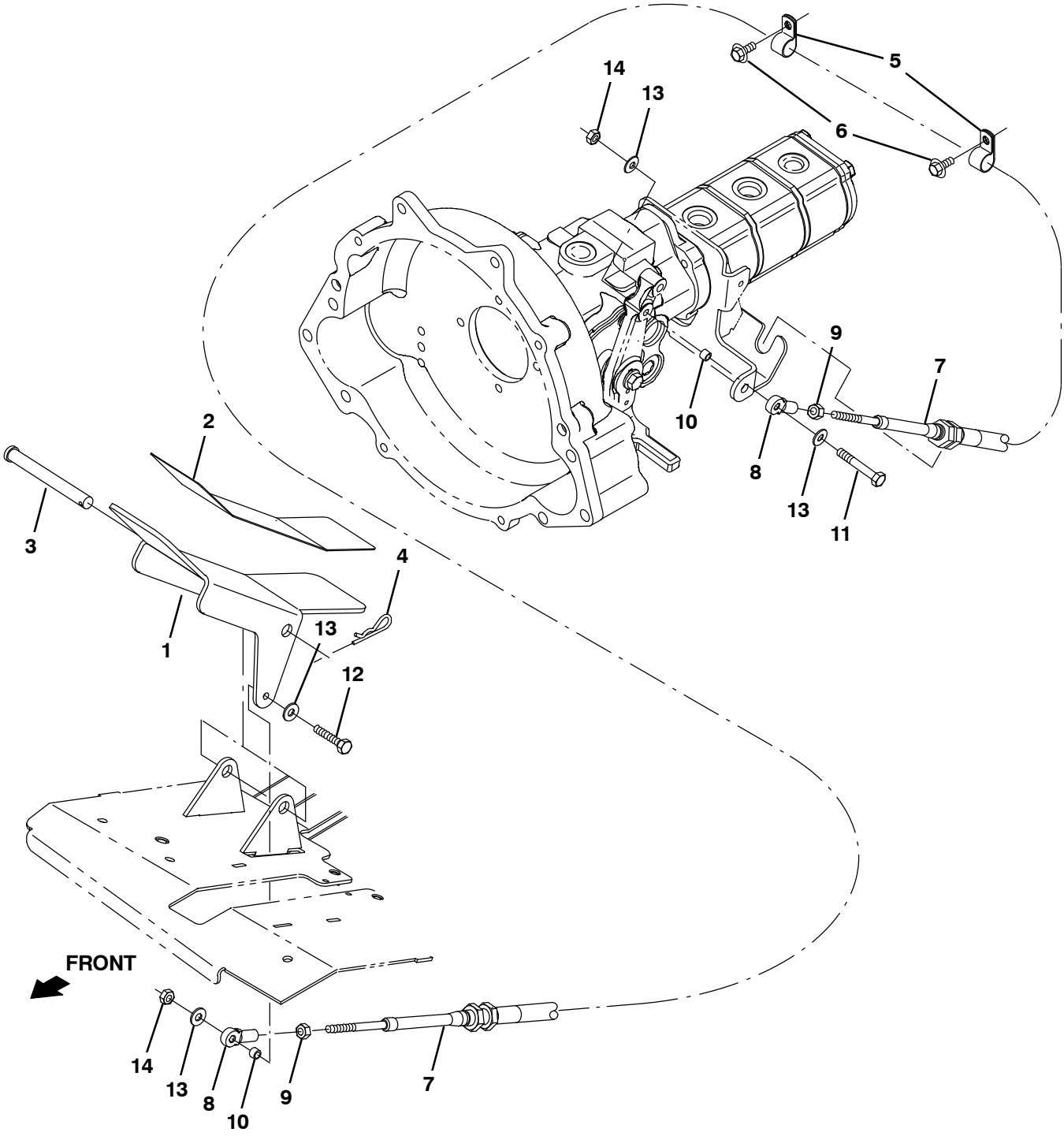


354428 – M20, T20

Fig. 22 – Brake Pedal Linkage Group

Ref.	Part No.	Serial Number	Description	Qty.
1	14605	(008000–)	Pin, Clevis, 0.25d X 0.75l	4
2	08170	(008000–)	Pin, Cotter, .062 X 0.50	4
3	364347	(008000–)	Rod	2
4	14595–1	(008000–)	Clevis, Adj, 0.25 Pin, 0.25–28 Rh, Pl	2
5	364948	(008000–)	Nut, Hex, Std, .25–28, Lh	2
6	01714	(008000–)	Nut, Hex, Std, .25–28	2
7	364864	(008000–)	Clevis, Adj, 0.25pin, 0.25–28left Pl	2
8	1022031	(008000–)	Shaft Wldt, Brake	1
9	71367	(008000–)	Spring, Wir, 0.08d, Brake, Parking	1
10	06942	(008000–)	Screw, Hex, M6 X 1.0 X 16, 8.8	2
11	381502	(008000–)	Bearing, Split, 1.00b	4
12	382224	(008000–)	Plate, Sppt	2
13	39279	(008000–)	Screw, Hex, M8 X 1.25 X 70, 8.8	4
14	32491	(008000–)	Washer, Flat, 0.31, Std	7
15	1025495	(008000–)	Cable, Push / Pull, 063.0l 4.0, .31–24	1
16	58311	(008000–)	Clevis, Adj, 0.31pin, 0.31–24	2
17	20170	(008000–)	Nut, Hex, Jam, .31–24	2
18	69582	(008000–)	Pin, Clevis, 0.31d X 1.00l	2
19	08179	(008000–)	Pin, Cotter, .094 X 1.00	2
20	1022736	(008000–)	Bracket, Mtg, Cable	1
21	16931	(008000–)	Screw, Hex, M8 X 1.25 X 20, 8.8	2
22	1022243	(008000–)	Shaft Wldt, Pedal, Brake	1
23	51109	(008000–)	Pad, Pedal, Brake, 3.96l 2.36w 0.75	1
24	23788	(008000–)	Ring, Retaining, Ext, 0.98d, [E–Ring]	2
25	86751	(008000–013000)	Bearing, Pillowblock, 1.02b [Solid Pye]	2
26	06548	(008000–013000)	Screw, Hex, M6 X 1.0 X 60, 8.8	4
27	32490	(008000–013000)	Washer, Flat, 0.25 Std	8
28	08708	(008000–)	Nut, Hex, Lock, M6 X 1.0, Nl	6
29	54607	(008000–)	Spring, Tors, 1.13id .12wir 02.3coil Rh	2
30	1025487	(008000–)	Pedal, Brake, Lock	1
31	46563	(008000–)	Bushing, Sleeve, 0.37b 0.50d 0.50l, Oib	1
32	59009	(008000–)	Spring, Tors, 0.75id .06wir 02.8coil	1
33	06955	(008000–)	Screw, Hex, M8 X 1.25 X 35, 8.8	1
34	08709	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl	1
35	59962	(008000–)	Switch, Snap, 15a Nc, Rlr	1
36	1228195	(008000–013000)	Bracket, Mtg, Switch	1
37	24199	(008000–)	Screw, Hex, M5 X 0.80 X 16, Ss	2
38	01683	(008000–)	Washer, Flat, 10, Ss	2
39	09739	(008000–)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	2
40	381502	(013001–)	Bearing, Split, 1.00b	4
41	382224	(013001–)	Plate, Sppt	1
42	39279	(013001–)	Screw, Hex, M8 X 1.25 X 70, 8.8	4
43	32491	(013001–)	Washer, Flat, 0.31, Std	8
44	08713	(013001–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	4
45	1260032	(013001–)	Bracket, Mtg, Switch	1
46	08708	(008000–013000)	Nut, Hex, Lock, M6 X 1.00, Nl	4

Fig. 23 – Directional Pedal Group

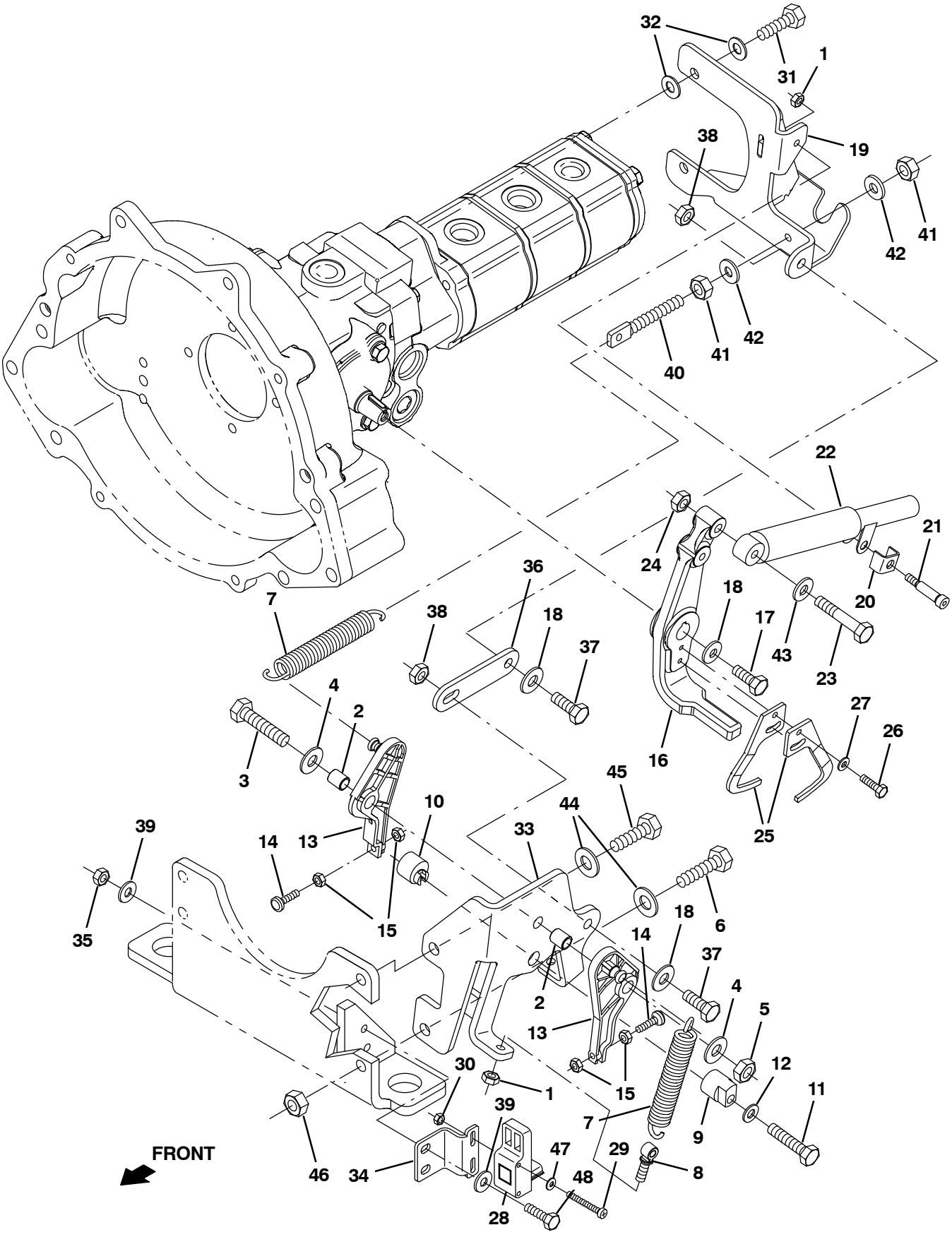


354493 – D

Fig. 23 – Directional Pedal Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1025140	(008000–)	Pedal, Propel	1
2	58819	(008000–)	Tread, Non–Skid, 03.0w 11.6l	1
3	59668	(008000–)	Pin, Clevis, 0.50 D X 4.50l	1
4	08182	(008000–)	Pin, Cotter, .125 X 1.00	1
5	67767	(008000–)	Clamp, Cable, Stl, 0.69d X 0.62w, 1h	2
6	361339	(008000–)	Screw, Hex, M6 X 1.0 X 16, Fmg	2
7	1022345	(008000–)	Cable, Push / Pull, 098.0l .25–28/.25–28	1
8	68866	(008000–)	Rod–End, .25–28rh Fem 0.25b [Teflon]	2
9	01714	(008000–)	Nut, Hex, Std, .25–28	2
10	65441	(008000–)	Tube, 00.38d 00.26b 00.3l Stl Plt	2
11	41399	(008000–)	Screw, Hex, .25–20 X 2.25, Ss	1
12	42180	(008000–)	Screw, Hex, .25–20 X 1.75, Ss	1
13	32490	(008000–)	Washer, Flat, 0.25 Std	4
14	41169	(008000–)	Nut, Hex, Lock, .25–20, Nl, Ss	2

Fig. 24 – Hydraulic Pump Linkage Group

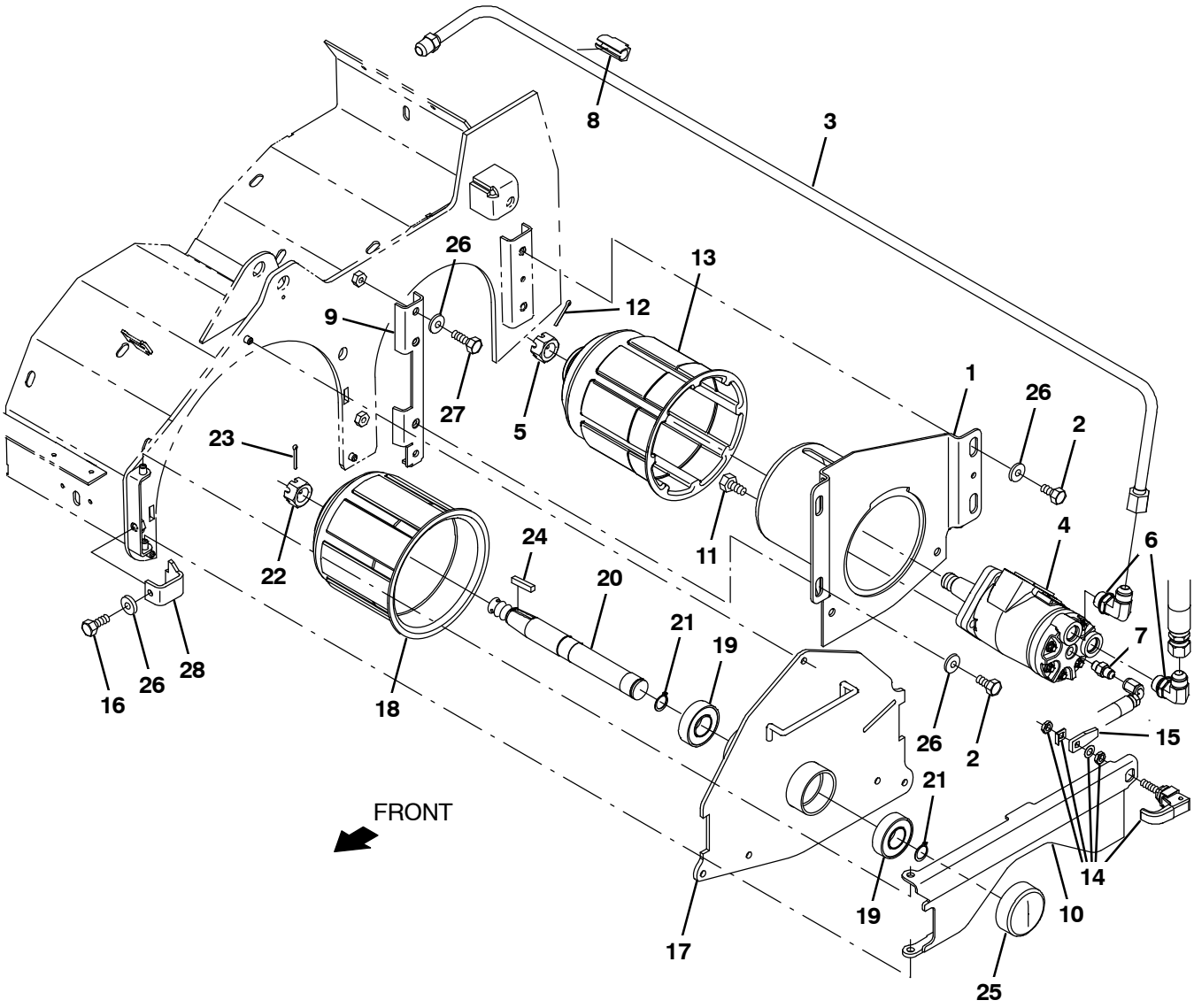


356688 – D

Fig. 24 – Hydraulic Pump Linkage Group

Ref.	Part No.	Serial Number	Description	Qty.
1	41169	(008000–)	Nut, Hex, Lock, .25–20, Nl, Ss	2
2	63234	(008000–)	Tube, 00.50d 00.38b 00.6l Stl	2
3	42467	(008000–)	Screw, Hex, .38–16 X 2.00, Ss	1
4	32492	(008000–)	Washer, Flat, 0.38 Std	2
5	36643	(008000–)	Nut, Hex, Lock, .38–16, Nl, Thin	1
6	39284	(008000–)	Screw, Hex, M10 X 1.50 X 35, 8.8	1
7	11842	(008000–)	Spring, Extn, 0.75od X 0.12wir, 4.3l	2
8	48079	(008000–)	Bolt, Eye, .25–20 X 1.40 X .25 Eye	1
9	53947	(008000–)	Cam, Centering, Pintle	1
10	54655	(008000–)	Cam, Centering, Pintle	1
11	74440	(008000–)	Screw, Hex, M8 X 1.25 X 40, Ss, Nl	1
12	39349	(008000–)	Washer, Flat, 0.31 Sae	1
13	53953	(008000–)	Arm, Cntrl, Pintle, Centering	2
14	54205	(008000–)	Bumper, Rbr, 0.5d 0.16t M5 X 08	2
15	50335	(008000–)	Nut, Hex, Std, M5 X 0.8, 8	4
16	1027233	(008000–)	Arm, Pintle	1
17	83879	(008000–)	Screw, Hex, .31–24 X 0.75, Nl	1
18	41186	(008000–)	Washer, Belleville, .31	3
19	1027313	(008000–)	Bracket Wldt, Propel, Pintle	1
20	84170	(008000–)	Bracket, Retainer, Safety	1
21	16213	(008000–)	Bolt, Shld, .31d X 1.00, .25–20	1
22	73411	(008000–)	Shock Absorber, 2.3 Strk	1
23	39278	(008000–)	Screw, Hex, M8 X 1.25 X 50, 8.8	1
24	08709	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl	1
25	1022787	(008000–)	Arm [Positioning]	2
26	09252	(008000–)	Screw, Hex, M5 X 0.8 X 20, 8.8	2
27	01683	(008000–)	Washer, Flat, #10 Ss	2
28	1022779	(008000–)	Sensor, Spd / Dir, 6–30vdc	1
29	09198	(008000–)	Screw, Pan, M4 X 0.7 X 35, Ss	2
30	33932	(008000–)	Nut, Hex, Lock, M4 X 0.7, Nl, Ss	2
31	21198	(008000–)	Screw, Hex, .38–16 X 1.25, G5	2
32	32485	(008000–)	Washer, Flat, 0.38 Sae	4
33	1027692	(008000–)	Bracket, Propel, Dsl	1
34	1027742	(008000–)	Bracket, Mtg, Sensor	1
35	08708	(008000–)	Nut, Hex, Lock, M6 X 1.00, Nl	2
36	1032399	(008000–)	Strap, Sppt	1
37	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	2
38	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	2
39	32483	(008000–)	Washer, Flat, 0.25, Sae	4
40	386088	(008000–)	Bolt, Eye, M8X1.25, 2.75L	1
41	07786	(008000–)	Nut, Hex, Std, M8 X 1.25, Ss	2
42	32491	(008000–)	Washer, Flat, 0.31 Std	2
43	32490	(008000–)	Washer, Flat, 0.25, Std	1
44	41187	(008000–)	Washer, Flat, Belleville, .38	2
45	03192	(008000–)	Screw, Hex, M10 X 1.50 X 30, 8.8	1
46	41430	(008000–)	Nut, Hex, Lock, M10 X 1.5, Nl	1
47	19065	(008000–)	Washer, Flat, 0.19b 0.44d .05, Pl, 08	2
48	06944	(008000–)	Screw, Hex, M6 X 1.00 X 25, 8.8	2

Fig. 25 – Cylindrical Scrub Brush Drive Group, Left Side

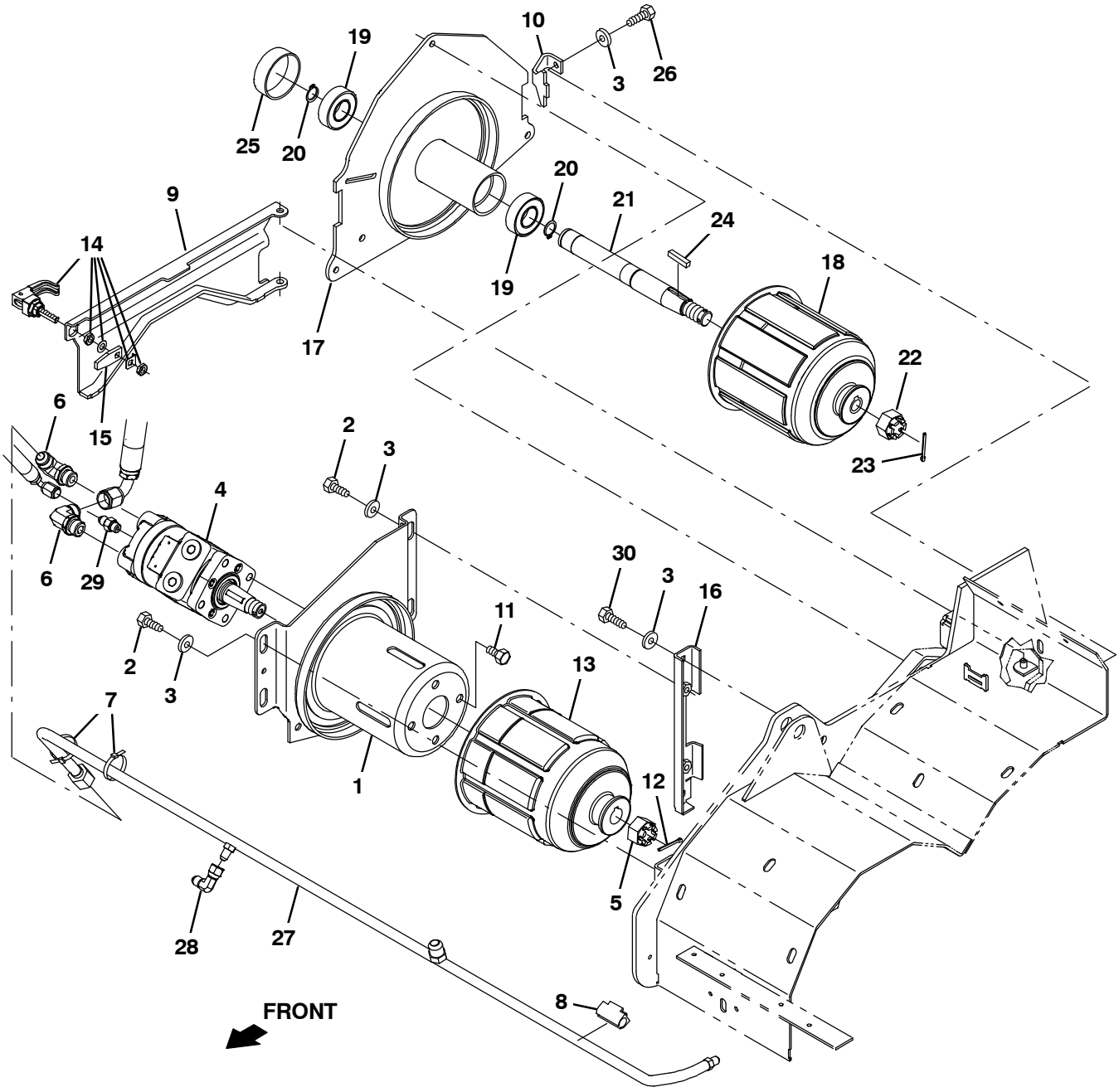


354435 – M20, T20

Fig. 25 – Cylindrical Scrub Brush Drive Group, Left Side

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1021019	(008000–)	Housing Wldt, Brush, Drive	1
	2	15675	(008000–)	Screw, Hex, M8 X 1.25 X 16, Ss	4
	3	1023617	(008000–)	Tube, Hyd, 08 Jf08/Jm08	1
▽	4	1068811	(008000–)	Motor, Hyd, Gear, Int 04.5 Bi–Dir 1500	1
▲	5	39527	(008000–)	Nut, Hex, Sltd, .75–18	1
	6	44868	(008000–)	Fitting, Hyd, E90, Jm08/Om08	2
	7	55586	(008000–)	Fitting, Hyd, Str, Jm04/Om04	1
	8	1026080	(008000–)	Clamp, Hyd, 0.50d	1
	9	1054575	(008000–)	Bracket, Sppt	1
	10	1029964	(008000–)	Door Wldt, Brush	1
	11	01762	(008000–)	Screw, Hex, .38–16 X 0.75, Nl	4
	12	08175	(008000–)	Pin, Cotter, .125 X 1.25	1
	13	1057643	(008000–)	Plug Wldt, Drive, Brush, Sweep	1
▽		9022313	(008000–)	Latch Kit, Replmt [M20/T20/M30]	1
▲	14	1065134	(008000–)	Latch, Cmpr, Yel Grip	1
▲	15	1026352	(008000–)	Pawl, Str	1
	16	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	1
▽		9012832	(008000–)	Idler Door Kit, Replmt [M20/T20/M30/T12]	2
▲	17	1054857	(008000–)	Door Wldt, Brush, Idler	1
▲	18	25686	(008000–)	Plug Wldt, Drive, Brush	1
▲	19	13534	(008000–)	Bearing, Ball, 0.98b 2.05d 0.59w	2
▲	20	56078	(008000–)	Shaft, Brush, Idler	1
▲	21	09005	(008000–)	Ring, Retaining, Ext, 1.00d, Basic	2
▲	22	12295	(008000–)	Nut, Hex, Sltd, M20 X 2.5, 8	1
▲	23	08175	(008000–)	Pin, Cotter, .125 X 1.25	1
▲	24	00927	(008000–)	Key, Sq, 0.25 X 0.25, 1.25l	1
▲	25	1074807	(008000–)	Cap, Vinyl, 57mmid X 23mml	1
	26	32491	(008000–)	Washer, Flat, 0.31, Std	7
	27	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	2
	28	1054682	(008000–)	Bracket, Retainer, Lh	1

Fig. 26 – Cylindrical Scrub Brush Drive Group, Right Side

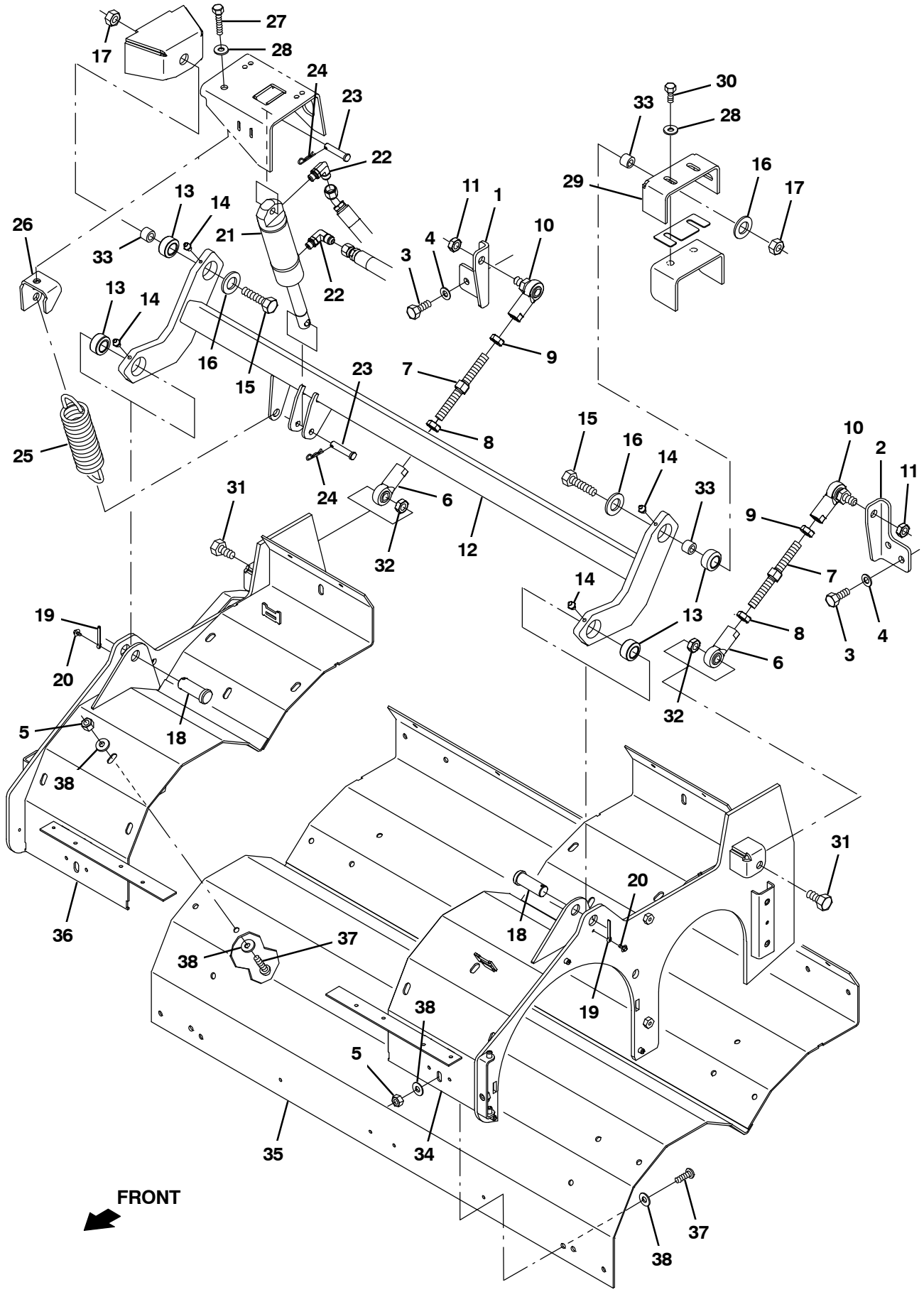


354436 – M20, T20

Fig. 26 – Cylindrical Scrub Brush Drive Group, Right Side

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1021019	(008000–)	Housing Wldt, Brush, Drive	1
	2	15675	(008000–)	Screw, Hex, M8 X 1.25 X 16, Ss	4
	3	32491	(008000–)	Washer, Flat, 0.31, Std	7
▽	4	1068811	(008000–)	Motor, Hyd, Gear, Int 04.5 Bi–Dir 1500	1
▲	5	39527	(008000–)	Nut, Hex, Sltd, .75–16	1
	6	44868	(008000–)	Fitting, Hyd, E90, Jm08/Om08	2
	7	49266	(008000–)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
	8	1026080	(008000–)	Clamp, Hyd, 0.50d	1
	9	1029964	(008000–)	Door Wldt, Brush	1
	10	1054610	(008000–)	Bracket, Retainer, Rh	1
	11	01762	(008000–)	Screw, Hex, .38–16 X 0.75, Nl	4
	12	08175	(008000–)	Pin, Cotter, .125 X 1.25	1
	13	1057643	(008000–)	Plug Wldt, Drive, Brush, Sweep	1
▽		9022313	(008000–)	Latch Kit, Replmt [M20/T20/M30]	1
▲	14	1065134	(008000–)	Latch, Cmpr, Yel Grip	1
▲	15	1026352	(008000–)	Pawl, Str	1
	16	1054575	(008000–)	Bracket, Sppt	1
▽		9012832	(008000–)	Idler Door Kit, Replmt [M20/T20/M30/T12]	2
▲	17	1054857	(008000–)	Door Wldt, Brush, Idler	1
▲	18	25686	(008000–)	Plug Wldt, Drive, Brush	1
▲	19	13534	(008000–)	Bearing, Ball, 0.98b 2.05d 0.59w	2
▲	20	09005	(008000–)	Ring, Retaining, Ext, 1.00d, Basic	2
▲	21	56078	(008000–)	Shaft, Brush, Idler	1
▲	22	12295	(008000–)	Nut, Hex, Sltd, M20 X 2.5, 8	1
▲	23	08175	(008000–)	Pin, Cotter, .125 X 1.25	1
▲	24	00927	(008000–)	Key, Sq, 0.25 X 0.25, 1.25l	1
▲	25	1074807	(008000–)	Cap, Vinyl, 57mmid X 23mml	1
	26	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	1
	27	1055139	(008000–)	Tube, Hyd, Brush Return, W/ Cd [M20/T20]	1
	28	39210	(008000–)	Fitting, Hyd, E90, Jf04/Jm04	1
	29	55586	(008000–)	Fitting, Hyd, Str, Jm04/Om04	1
	30	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	2

Fig. 27 – Cylindrical Scrub Brush Head Lift Group

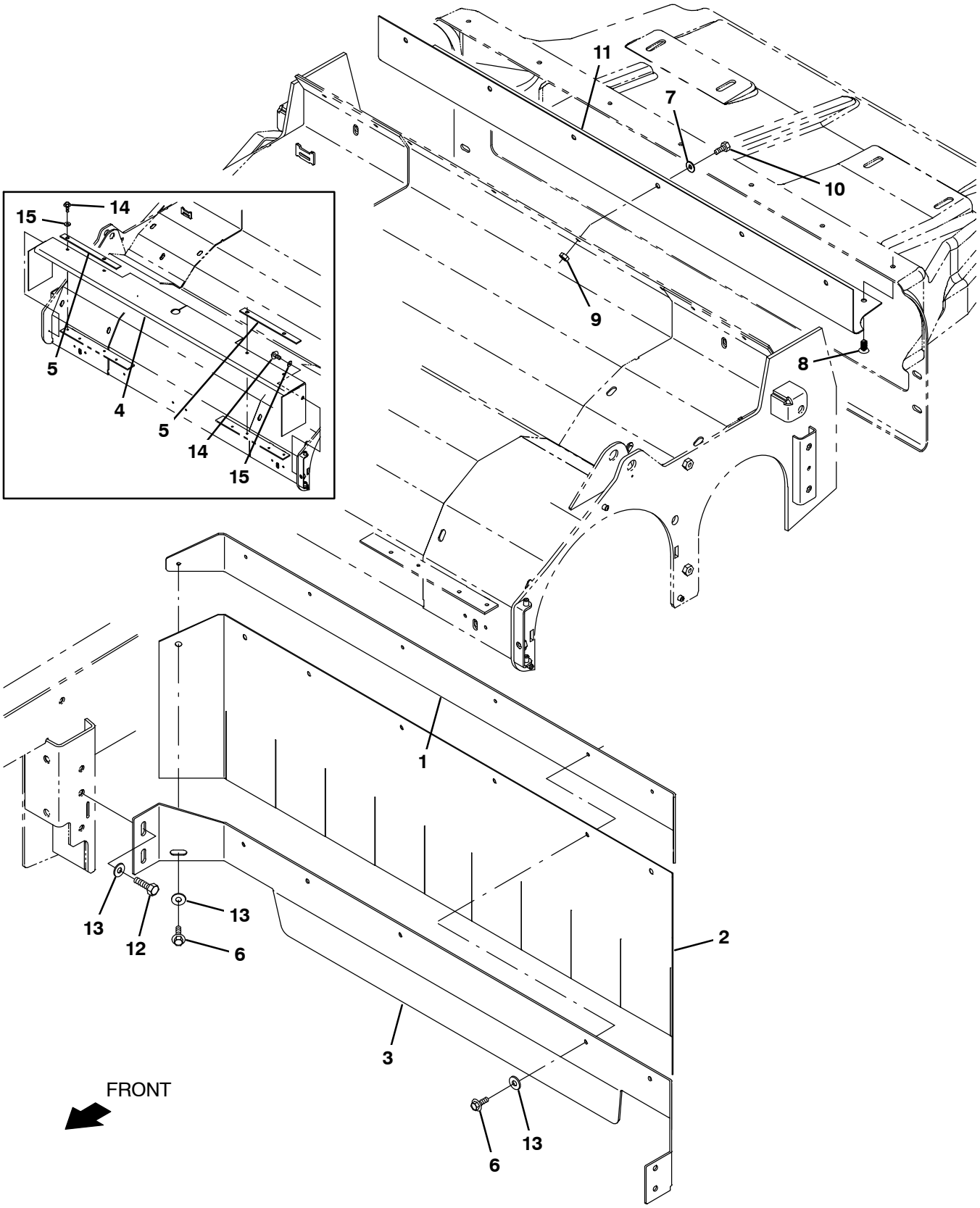


354437

Fig. 27 – Cylindrical Scrub Brush Head Lift Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1030910	(008000–)	Bracket, Mtg, Scb Head, Rh	1
2	1030911	(008000–)	Bracket, Mtg, Scb Head, Lh	1
3	09028	(008000–)	Screw, Hex, M10 X 1.5 X 25, Ss	4
4	32485	(008000–)	Washer, Flat, 0.38 Sae	4
5	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	10
6	67555	(008000–)	Rod–End, .50–20rh Fem 0.50b	2
7	1014705	(008000–)	Rod, Thrd, 2 End, .50–20 04.9l, Rh / Lh	2
8	48985	(008000–)	Nut, Hex, Jam, .50–20	2
9	71369	(008000–)	Nut, Hex, Jam, .50–20, Lh	2
10	382099	(008000–)	Rod–End, .50–20lh Fem 0.50–20stud	2
11	51824	(008000–)	Nut, Hex, Lock, .50–20, Nl, Thin	2
12	1020003	(008000–)	Tube Wldt, Torque	1
13	42120	(008000–)	Bearing, Self Align, 0.75b 1.25d	4
14	07259	(008000–)	Fitting, Grease, Str Pm04 .47l	4
15	06969	(008000–)	Screw, Hex, M12 X 1.75 X 40, 8.8	2
16	41619	(008000–)	Washer, Flat, 0.56b 1.38d .11, Ss	2
17	09741	(008000–)	Nut, Hex, Lock, M12 X 1.75, Nl, Ss	2
18	04733–12	(008000–)	Pin, Clevis, 0.75d X 2.00l	2
19	08236	(008000–)	Pin, Cotter, .156 X 1.25	2
20	223198	(008000–)	Screw, Hex, M5 X 0.8 X 10, Fmg	2
21	1038137	(008000–)	Cylinder, Hyd, 1.5b 07.8l 02.80strk 2500	1
22	77098	(008000–)	Fitting, Hyd, E90, Jm06/Om04	2
23	17461	(008000–)	Pin, Clevis, 0.37d X 1.75l	2
24	86866	(008000–)	Pin, Cotter, Hair, 0.38d .072 Wir	2
25	1042686	(008000–)	Spring, Extn, 2.00od 0.25wir 07.5l	1
26	1027810	(008000–)	Bracket, Mtg, Spring	1
27	763090	(008000–)	Screw, Hex, M8 X 1.25 X 60, Fl	1
28	32491	(008000–)	Washer, Flat, 0.31, Std	4
29	1019146	(008000–)	Bracket, Mtg, Lift, Scb Head	1
30	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	3
31	39811	(008000–)	Screw, Hex, .50–13 X 1.50, 5	2
32	36644	(008000–)	Nut, Hex, Lock, .50–13, Nl, Thin	2
33	1025100	(008000–)	Sleeve, P/M, 0.47b 0.75d 0.5l [430ss]	3
34	1052342	(008000–)	Bracket Wldt, Brush Wrap, Lh	1
35	1069562	(008000–)	Plate Wldt, Wrap, Brush	1
36	1052124	(008000–)	Bracket Wldt, Brush Wrap Mtg, Rh	1
37	223470	(008000–)	Screw, Btn, M8 X 1.25 X 25, Ss	10
38	32491	(008000–)	Washer, Flat, 0.31, Std	20

Fig. 28 – Cylindrical Brush Head Skirt Group

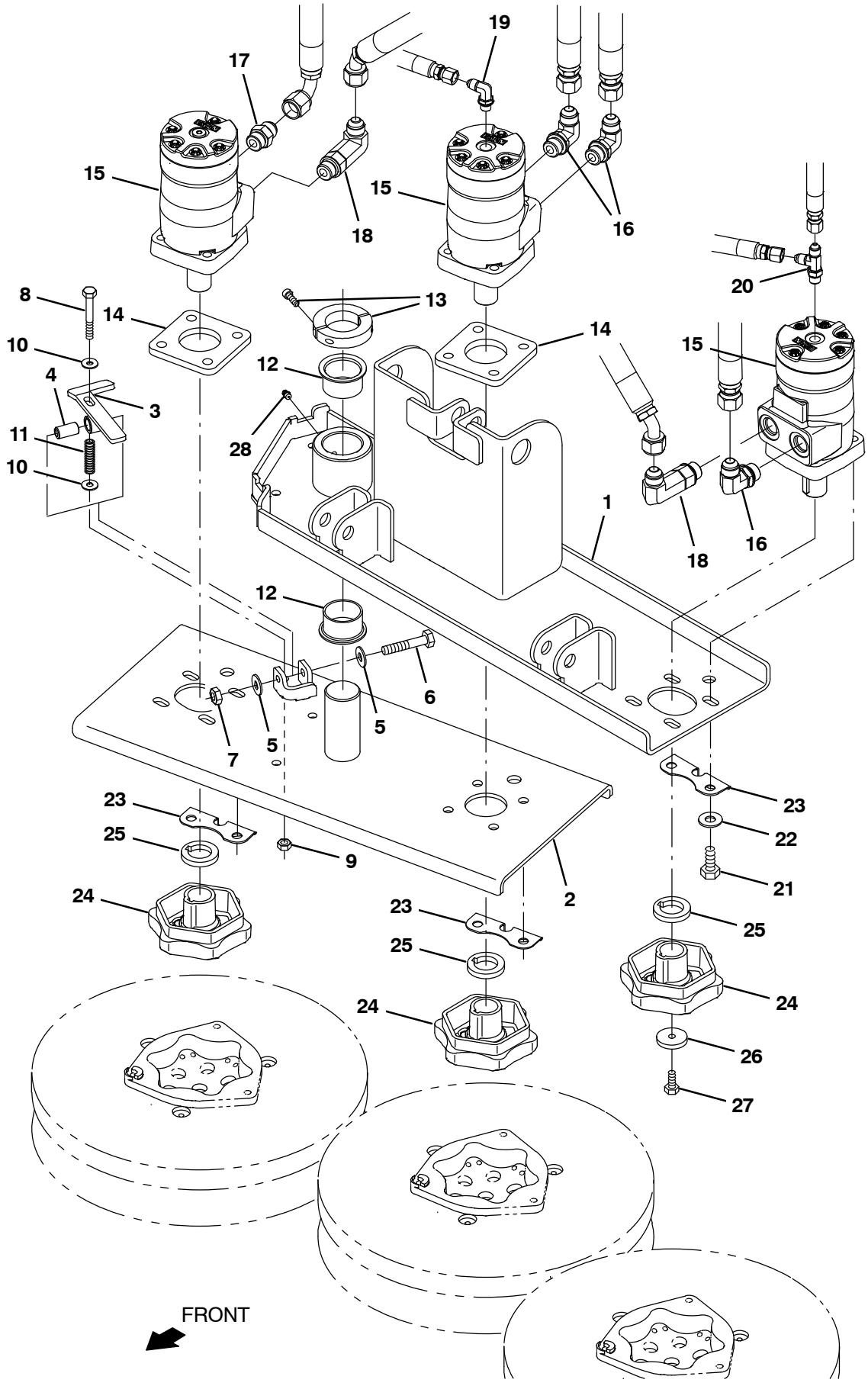


354505 – T20

Fig. 28 – Cylindrical Brush Head Skirt Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1040018	(008000–)	Plate, Skirt, Front	1
2	1020166	(008000–)	Skirt, Neo, .06, 12.00w 45.88l, 07 Hole	1
3	1039396	(008000–)	Bracket, Mtg, Skirt	1
4	1022363	(008000–013000)	Skirt, Neo, .06, 07.63w 51.52l, 11 Hole	1
5	1022003	(008000–013000)	Retainer, Skirt	2
6	361339	(008000–)	Screw, Hex, M6 X 1.0 X 16, Fmg	8
7	01684	(008000–)	Washer, Flat, 0.25, Ss	10
8	21168	(008000–)	Clip, .250h, Plstc [Pine–tree]	7
9	08712	(008000–)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	6
10	08716	(008000–)	Screw, Hex, M6 X 1.0 X 20, Ss	6
11	1034915	(008000–)	Seal, Debris	1
12	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	4
13	01685	(008000–)	Washer, Flat, 0.31, Ss	9
14	361339	(008000–013000)	Screw, Hex, M6 X 1.0 X 16, Fmg	6
15	01684	(008000–013000)	Washer, Flat, 0.25, Ss	6

Fig. 29 – Disk Scrub Head Drive Motor Group

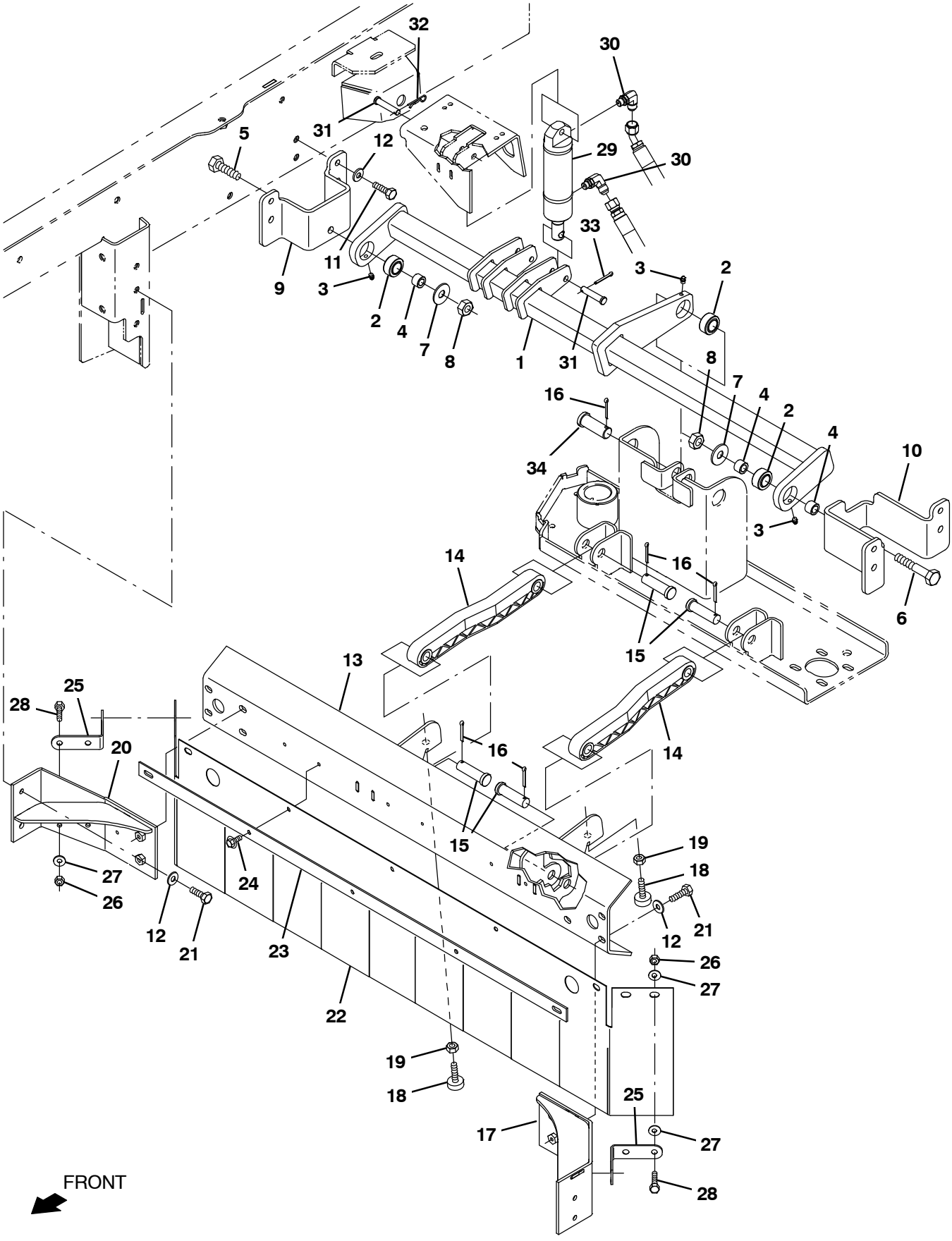


354506

Fig. 29 – Disk Scrub Head Drive Motor Group

	Ref.	Part No.	Serial Number	Description	Qty.
	1	9003247	(008000–)	Head Wldt, Disk, Std, Replmt	1
	1	9003249	(008000–)	Head Wldt, Disk, Replmt, Jp (Japn Only)	1
	2	1026101	(008000–)	Head Wldt, Swing, Lower, 14.0	1
▽		9003061	(008000–)	Latch Kit, Disk, Replmt [T20]	1
▲	3	1031286	(008000–)	Latch Wldt, Head, Disk	1
▲	4	222496	(008000–)	Sleeve, P/M, 0.31b 0.50d 0.9l [430ss]	1
▲	5	01685	(008000–)	Washer, Flat, 0.31, Ss	2
▲	6	49694	(008000–)	Screw, Hex, M8 X 1.25 X 50, Ss	1
▲	7	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	1
▲	8	58979	(008000–)	Screw, Hex, M6 X 1.0 X 55, Ss	1
▲	9	08712	(008000–)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	1
▲	10	01684	(008000–)	Washer, Flat, 0.25, Ss	2
▲	11	1031217	(008000–)	Spring, Cmpr, 0.42od .06wir 1.50l	1
	12	54620	(008000–)	Bushing, Flng, 1.50b 1.65d 1.00l	2
	13	70624	(008000–)	Collar, Split, 1.50b .50w 2/Bolt	1
	14	1025968	(008000–)	Spacer	2
	15	1068924	(008000–)	Motor, Hyd, Gear, Int 09.7 Bi–Dir 2500	3
	16	44868	(008000–)	Fitting, Hyd, E90, Jm08/Om08	3
	17	44869	(008000–)	Fitting, Hyd, Str, Jm08/Om08	1
	18	69173	(008000–)	Fitting, Hyd, E90, Jm08/Om08, L	2
	19	77097	(008000–)	Fitting, Hyd, E90, Jm04/Om04	1
	20	34390	(008000–)	Fitting, Hyd, Tee, Jm04/Jm04/Om04, Run	1
	21	21197	(008000–)	Screw, Hex, .38–16 X 1.00, G5	12
	22	32492	(008000–)	Washer, Flat, 0.38, Std	12
	23	1028495	(008000–)	Brkt, Ftg	3
	24	1042963	(008000–)	Hub, Drive, Brush, Disk, 1.00B [6T]	3
	25	25611	(008000–)	Spacer, Hub, Keyed	3
	26	19191	(008000–)	Spacer	3
	27	25046	(008000–)	Screw, Hex, .25–20 X 1.00, G5	3
	28	07259	(008000–)	Fitting, Grease. Str Pm04 .47L	1

Fig. 30 – Disk Scrub Head Lift Group

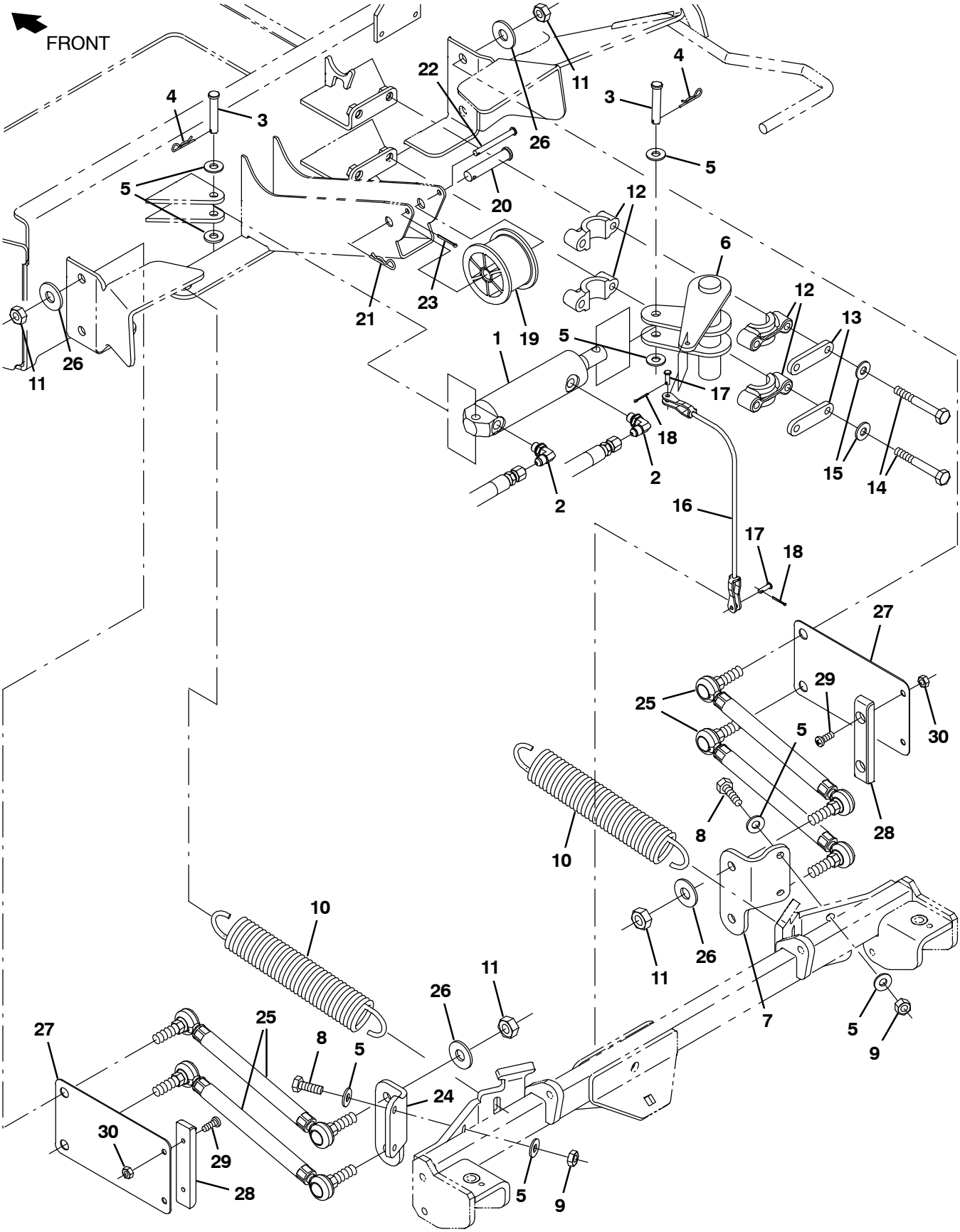


354507 – T20

Fig. 30 – Disk Scrub Head Lift Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1026130	(008000–)	Tube Wldt, Torque	1
2	42120	(008000–)	Bearing, Self Align, 0.75b 1.25d	3
3	07259	(008000–)	Fitting, Grease, Str Pm04 .47l	3
4	1025100	(008000–)	Sleeve, P/M, 0.47b 0.75d 0.5l [430ss]	3
5	06969	(008000–)	Screw, Hex, M12 X 1.75 X 40, 8.8	1
6	06972	(008000–)	Screw, Hex, M12 X 1.75 X 60, 8.8	1
7	41619	(008000–)	Washer, Flat, 0.56b 1.38d .11, Ss	2
8	09741	(008000–)	Nut, Hex, Lock, M12 X 1.75, Nl, Ss	2
9	1025041	(008000–)	Bracket, Mtg, Torque Tube	1
10	1030558	(008000–)	Bracket, Mtg, Torque Tube	1
11	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	8
12	32491	(008000–)	Washer, Flat, 0.31, Std	16
13	1039469	(008000–)	Bracket Wldt, Arm, Lower Cntrl	1
14	222027	(008000–)	Arm, Lift, Head [5700]	2
15	222210	(008000–)	Pin, Clevis, 0.62d X 2.12l	44
16	08175	(008000–)	Pin, Cotter, .125 X 1.25	5
17	1025198	(008000–)	Bracket Wldt, Head, Lower, Lh	1
18	1039468	(008000–)	Bumper, Rbr, 1.00d 0.38th M8x1.25	2
19	07786	(008000–)	Nut, Hex, Std, M8 X 1.25, Ss	2
20	1025320	(008000–)	Bracket Wldt, Head, Lower, Rh	1
21	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	8
22	1028433	(008000–)	Skirt, Front, Disk Head	1
23	1028446	(008000–)	Retainer, Skirt, Disk Head	1
24	361339	(008000–)	Screw, Hex, M6 X 1.0 X 16, Fmg	5
25	1028440	(008000–)	Bracket, Angle, Sppt, Shield	2
26	08712	(008000–)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	8
27	01684	(008000–)	Washer, Flat, 0.25, Ss	12
28	08716	(008000–)	Screw, Hex, M6 X 1.0 X 20, Ss	8
29	1038137	(008000–)	Cylinder, Hyd, 1.5b,07.8l,02.80strk,2500	1
30	77098	(008000–)	Fitting, Hyd, E90, Jm06/Om04	2
31	17461	(008000–)	Pin, Clevis, 0.37d X 1.75l	2
32	86866	(008000–)	Pin, Cotter, Hair, 0.38d .072 Wir	1
33	08179	(008000–)	Pin, Cotter, .094 X 1.00	1
34	04733–12	(008000–)	Pin, Clevis, 0.75d X 2.00l	1

Fig. 31 – Squeegee Lift Group, Rear

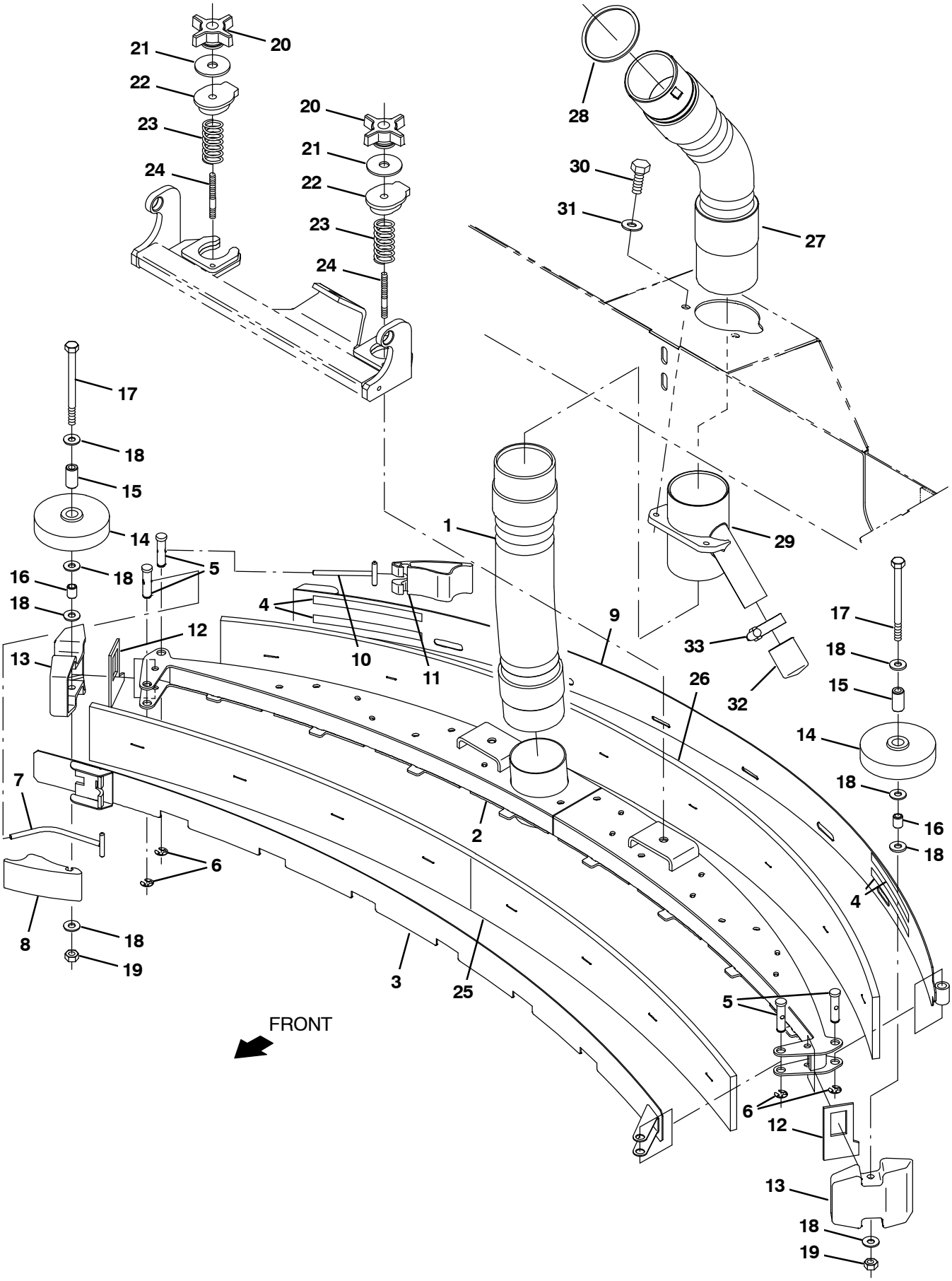


354508 – T20

Fig. 31 – Squeegee Lift Group, Rear

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1038137	(008000–)	Cylinder, Hyd, 1.5b,07.8l,02.80strk,2500	1
	2	77097	(008000–)	Fitting, Hyd, E90, Jm04/Om04	2
	3	29584	(008000–)	Pin, Clevis, 0.37d X 2.00l	2
	4	86866	(008000–)	Pin, Cotter, Hair, 0.38d .072 Wir	2
	5	01685	(008000–)	Washer, Flat, 0.31, Ss	12
	6	1022903	(008000–)	Shaft Wldt, Arm, Lift	1
	7	1026804	(008000–)	Angle, Protector, Lh	1
	8	09011	(008000–)	Screw, Hex, M8 X 1.25 X 30, Ss	4
	9	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	4
	10	71100	(008000–)	Spring, Extn, 1.69od X 0.20wir, 9.5l	2
	11	09741	(008000–)	Nut, Hex, Lock, M12 X 1.75, Nl, Ss	8
	12	381502	(008000–)	Bearing, Split, 1.00b	4
	13	382224	(008000–)	Plate, Sppt	2
	14	09767	(008000–)	Screw, Hex, M8 X 1.25 X 70, Ss	4
	15	32491	(008000–)	Washer, Flat, 0.31, Std	4
	16	71101	(008000–)	Cable, Ss .12d 013.3l .2clevis /.2clevis	1
	17	77488	(008000–)	Pin, Clevis, 0.19d X 0.63l	2
	18	39005	(008000–)	Pin, Cotter, .094X0.75	2
	19	223054	(008000–)	Drum, Cable, Lift	1
	20	06279	(008000–)	Pin, Clevis, 0.50d X 2.50l	1
	21	08179	(008000–)	Pin, Cotter, .094 X 1.00	1
	22	04733–10	(008000–)	Pin, Clevis, 0.25d X 2.44l	1
	23	08178	(008000–)	Pin, Cotter, .062 X 0.75	1
	24	1026806	(008000–)	Angle, Protector, Rh	1
	25	1026007	(008000–)	Link Assy, Rod–End, M12	4
	26	41619	(008000–)	Washer, Flat, 0.56b 1.38d .11, Ss	8
▽		9003060	(008000–)	Spring Kit, Flat, Replmt [T20]	1
▲	27	1028049	(008000–)	Spring, Flat, .06 X 4.13 X 6.5l 4 Hole	2
▲	28	1024648	(008000–)	Block, Centering	2
▲	29	367770	(008000–)	Screw, Pan, M6 X 1.0 X 16, Ss	4
▲	30	08712	(008000–)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	4

Fig. 32 – Squeegee Group, Rear

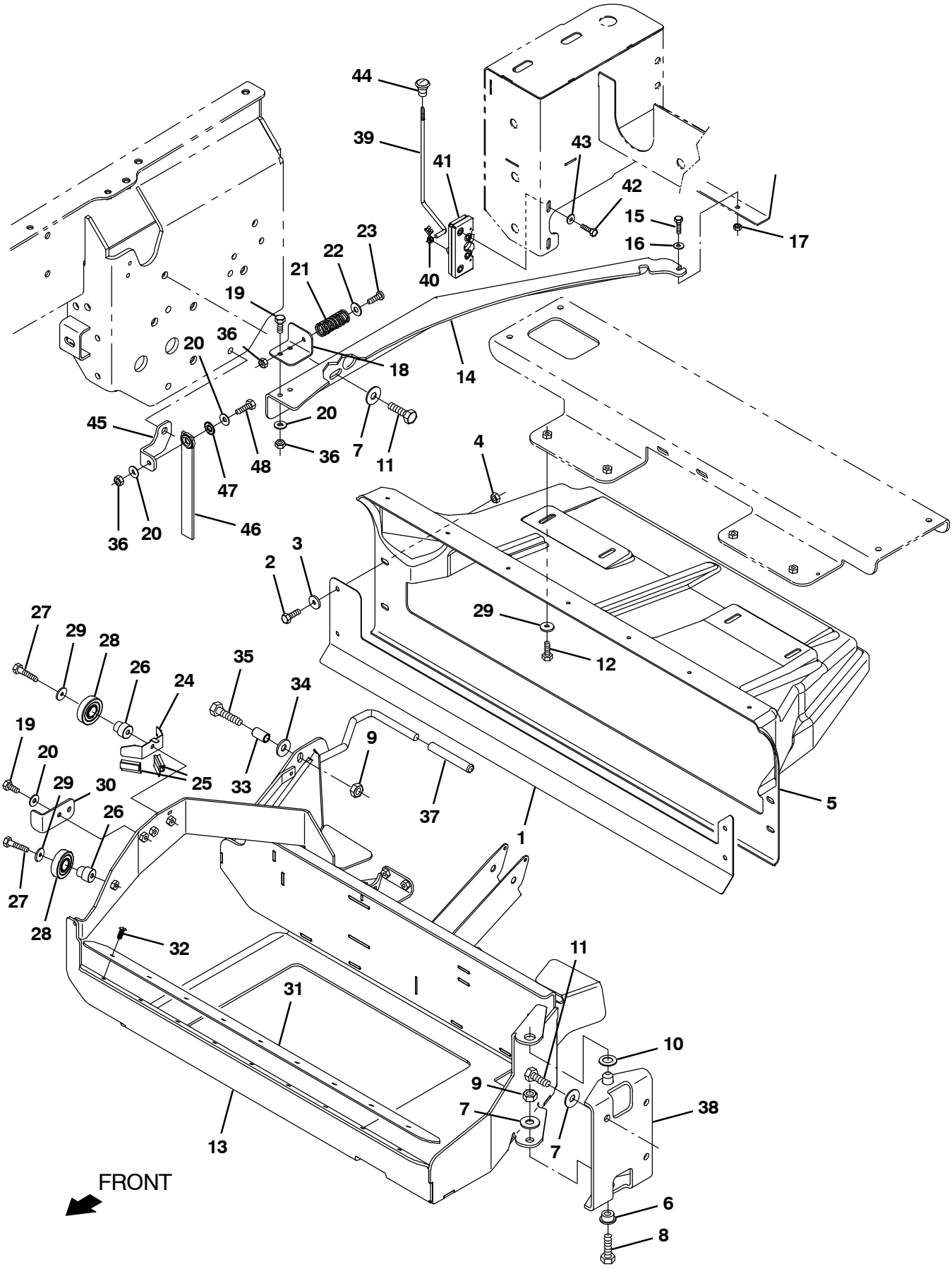


354511 – T20

Fig. 32 – Squeegee Group, Rear

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1028236	(008000–009633)	Hose Assy, W/2cuff, 3.0d 14l 3.0/3.0	1
	1	1233968	(009634–)	Hose Assy, W/2cuff, 3.0d 14l 3.0/3.0	1
▽		9004493	(008000–)	Squeegee Kit, Rear, Replmt [M20/T20]	1
▲	2	1022831	(008000–)	Squeegee Wldt, Rear	1
▲	3	1023239	(008000–)	Clamp Wldt, Front	1
▲	4	03495	(008000–)	Strip, Non–Slip, 0.50w 06.0l	4
▲	5	21603	(008000–)	Pin, Grvd, 0.43d 01.8l [303ss]	4
▲	6	24555	(008000–)	Ring, Retaining, Ext, 0.38d, [E–Ring]	4
▲	7	386298	(008000–)	Pin Wldt, Front	1
▲	8	1222020	(008000–)	Cam, Front, Yellow	1
▲	9	1028374	(008000–)	Clamp Wldt, Rear	1
▲	10	21606	(008000–)	Bar Wldt, Retainer, Sqge, Rear	1
▲	11	1208906	(008000–)	Cam, Rear, Yellow	1
▲	12	83874	(008000–)	Gasket, Sqge	2
▲	13	386264	(008000–)	Bumper, Sqge	2
▲	14	363162	(008000–)	Wheel, 4.0d 0.89w 0.64b	2
▲	15	363301	(008000–)	Sleeve, P/M, 0.34b 0.63d 1.2l, Bnz	2
▲	16	80395	(008000–)	Sleeve, P/M, 0.31b 0.50d 0.7l [430ss]	2
▲	17	364441	(008000–)	Screw, Hex, M8 X 1.25 X 110, Ss	2
▲	18	01685	(008000–)	Washer, Flat, 0.31, Ss	8
▲	19	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	2
	20	1218322	(008000–)	Knob, Star, 2.75d 4ear, M8x1.25 Fem	2
	21	04414	(008000–)	Washer, Flat, 0.53b 1.88d .12, Stl, Pl	2
	22	387433	(008000–)	Ring, Mtg, Sqge, .50l	2
	23	387500	(008000–)	Spring, Cmpr, 0.9od .042wir 02.0l	2
	24	1226700	(008000–)	Stud, M8 X 1.25, 2.75l M8 X 1.25, Ss	2
	25	1027719	(008000–)	Blade, Sqge, Front, 49.58l Ure (Option)	1
	25	1017868	(008000–)	Blade, Sqge, Front, 49.58l [Linard]	1
	26	1031945	(008000–)	Blade, Sqge, Rear, 53.78l Ure (Option)	1
	26	1031331	(008000–)	Blade, Sqge, Rear, Linatex	1
	27	1031610	(008000–)	Hose Assy, Sqg	1
	28	1021920	(008000–)	Gasket, 3.23Id 3.63Od .16Th, Ure	1
	29	1036240	(008000–)	Tube, Vacuum	1
	30	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	2
	31	01686	(008000–)	Washer, Flat, 0.44b 1.00d .08, Ss	6
	32	1038498	(008000–)	Grip, Handle, 1.25D 1.50L Blk	1
	33	11399	(008000–)	Clamp, Hose, Wormdrive, 0.81–1.50d, .50w (Disk Scrub Head)	1

Fig. 33 – Cylindrical Scrub Head Debris Tray Mount Group

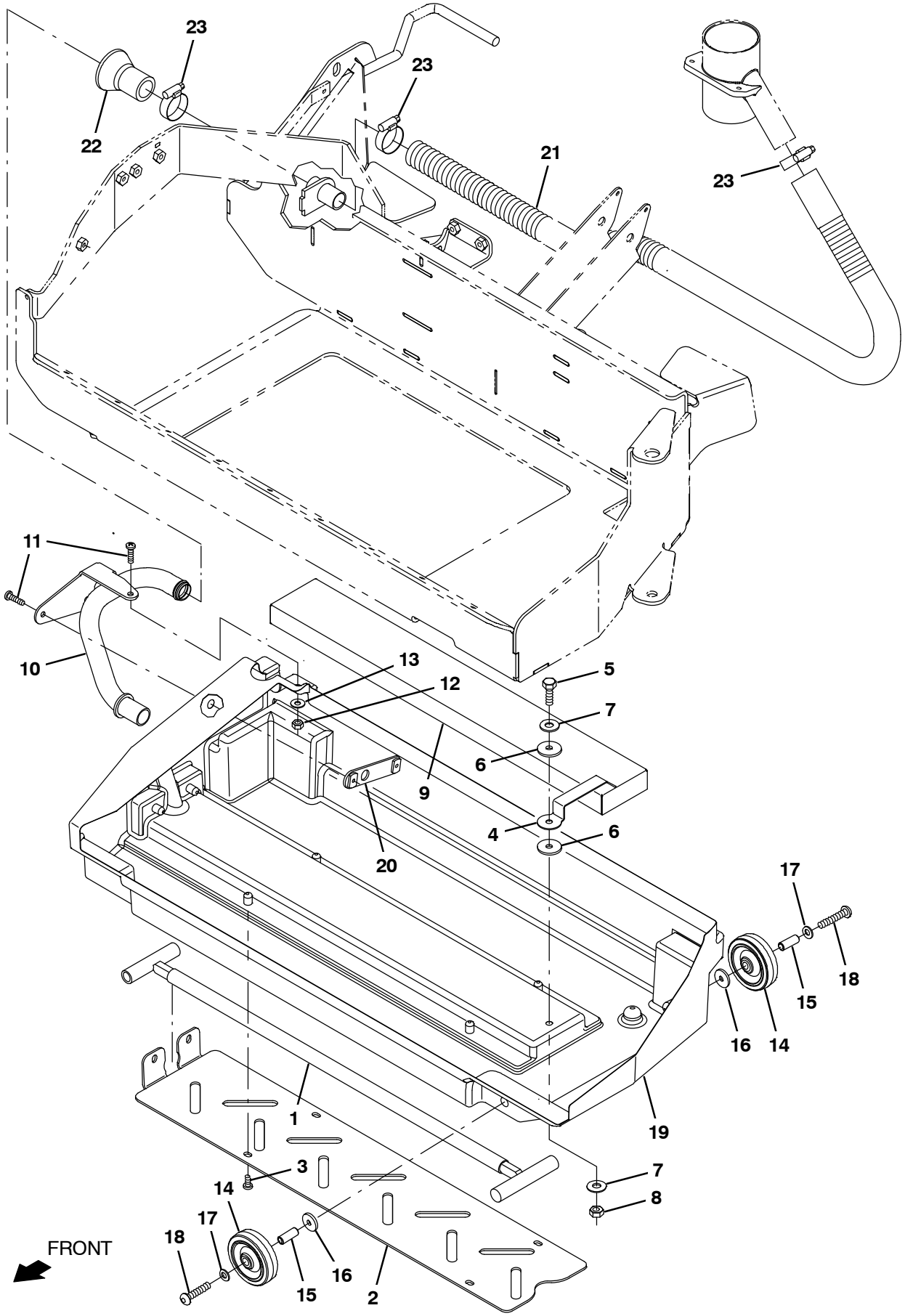


354509 – T20

Fig. 33 – Cylindrical Scrub Head Debris Tray Mount Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9003059	(008000–)	Shield Kit, Debris, Replmt [T20]	1
▲	1	1028334	(008000–)	Bracket, Sppt, Shield	1
▲	2	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	4
▲	3	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	4
▲	4	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	4
▲	5	1024658	(008000–)	Shield, Tray, Debris [Trimmed]	1
	6	391804	(008000–)	Sleeve, Flng, 0.48b 1.25/0.88d 0.6l, Stl	1
	7	32493	(008000–)	Washer, Flat, 0.50, Std	7
	8	09029	(008000–)	Screw, Hex, M12 X 1.75 X 40, Ss	1
	9	09741	(008000–)	Nut, Hex, Lock, M12 X 1.75, Nl, Ss	2
	10	53782	(008000–)	Bearing, Thrust, 0.75b 1.25d 0.06w	1
	11	12309	(008000–)	Screw, Hex, M12 X 1.75 X 30, Ss	6
	12	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	4
	13	1023334	(008000–)	Frame Wldt, Hppr	1
	14	1022683	(008000–)	Guide, Rlr	1
	15	08716	(008000–)	Screw, Hex, M6 X 1.0 X 20, Ss	1
	16	01684	(008000–)	Washer, Flat, 0.25, Ss	1
	17	08712	(008000–)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	1
	18	1027108	(008000–)	Bracket, Spring	1
	19	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	4
	20	01685	(008000–)	Washer, Flat, 0.31, Ss	6
	21	45261	(008000–)	Spring, Cmpr, 0.97od .11wir 2.5l	1
	22	01686	(008000–)	Washer, Flat, 0.44b 1.00d .08, Ss	1
	23	367771	(008000–)	Screw, Pan, M8 X 1.25 X 25, Ss	1
	24	1027147	(008000–)	Clip, Wiper	1
	25	1031351	(008000–)	Seal, Wiper	2
	26	1023685	(008000–)	Spacer, Rlr	2
	27	222505	(008000–)	Screw, Hex, M8 X 1.25 X 45, Ss	2
	28	760740	(008000–)	Bearing, Rlr, Cam 52 X 14 X 20	2
	29	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	6
	30	1027143	(008000–)	Bracket, Angle, Stop	1
▽	31	9003058	(008000–)	Lip Kit, Debris, Replmt [T20]	1
▲	32	21168	(008000–)	Clip, .250h, Plstc [Pine–Tree]	9
	33	1039348	(008000–)	Sleeve, 0.49b 0.68d 1.2l [304ss]	1
	34	36328	(008000–)	Washer, Flat, Belleville, .50	1
	35	379870	(008000–)	Screw, Hex, M12 X 1.75 X 55, Ss	1
	36	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	4
	37	1028249	(008000–)	Grip, Handle, .50d 4.0l Yel	1
	38	1022668	(008000–)	Bracket Wldt, Pivot	1
	39	1023917	(008000–)	Rod, Latch	1
	40	1031305	(008000–)	Clip, Retainer, .25d	1
	41	21623	(008000–)	Latch	1
	42	09007	(008000–)	Screw, Hex, M6 X 1.0 X 25, Ss	2
	43	41185	(008000–)	Washer, Flat, Belleville, .25	2
	44	1032546	(008000–)	Knob, Rnd, 1.04d 1.18l .25–20 Yel Plstc	1
	45	1031152	(008000–)	Bracket, Mtg, Static Strap	1
	46	71579	(008000–)	Strap, Static, .19 1.1w 25.0l W/ Grommet	1
	47	41141	(008000–)	Washer, Lock, Int–Ext, 0.31	1
	48	09011	(008000–)	Screw, Hex, M8 X 1.25 X 30, Ss	1

Fig. 34 – Cylindrical Scrub Head Debris Tray Group

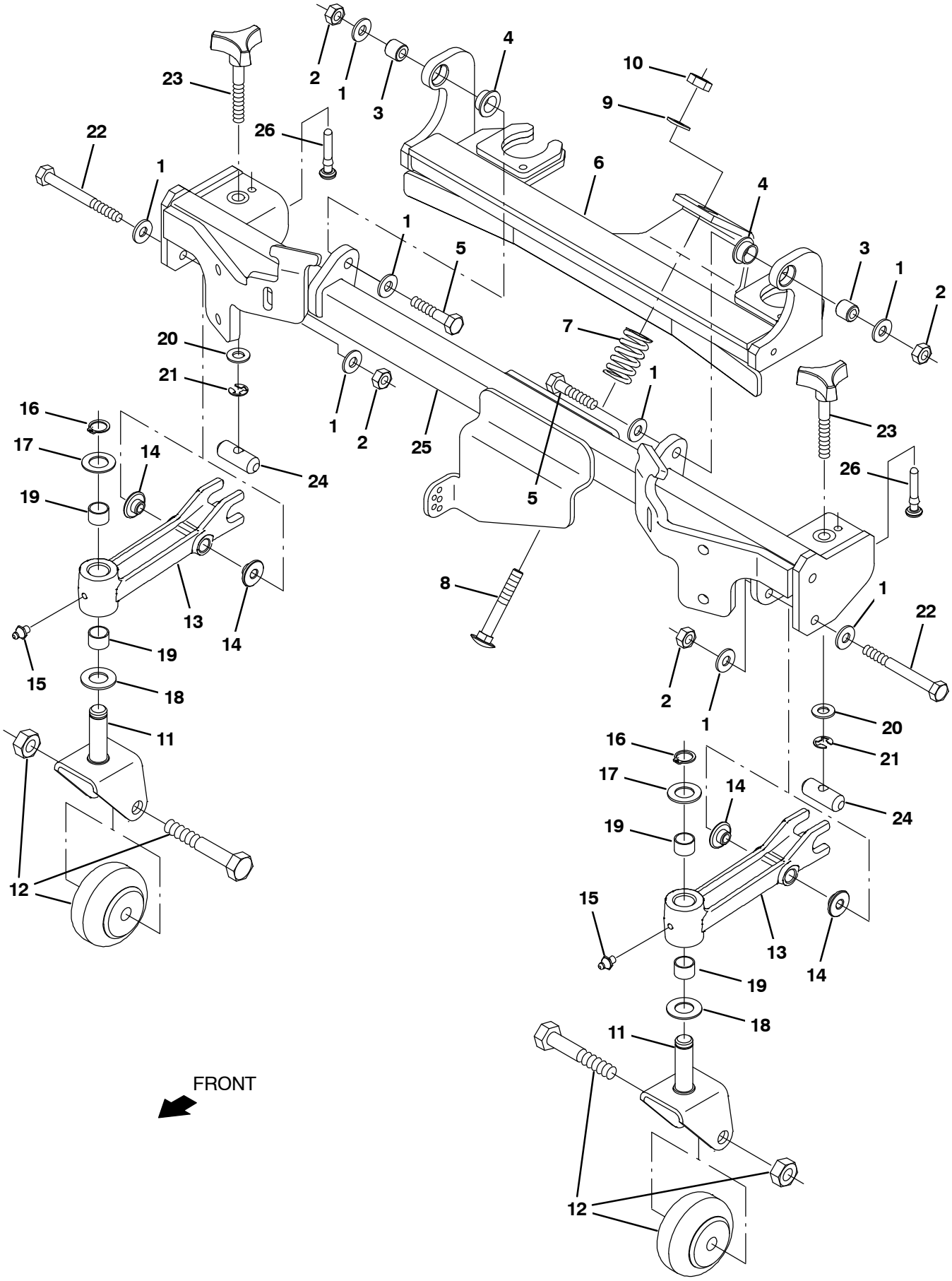


354510 – T20

Fig. 34 – Cylindrical Scrub Head Debris Tray Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9003055	(008000–)	Tray Kit, Debris, Replmt [T20]	1
▲	1	1026417	(008000–)	Handle Wldt, T, Hppr	1
▲	2	1026195	(008000–)	Panel, Access, Debris Tray	1
▲	3	74027	(008000–)	Screw, Pan, M6 X 1.0 X 12, Ss, Nl	6
▲	4	1026900	(008000–)	Spring, Flat, Retainer, Screen	1
▲	5	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	1
▲	6	222268	(008000–)	Washer, Flat, 0.38b 1.25d .12, Neo	2
▲	7	01686	(008000–)	Washer, Flat, 0.44b 1.00d .08, Ss	2
▲	8	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	1
▲	9	1024309	(008000–)	Strainer Wldt, Trough, Debris 4.3w 15.L	1
▲	10	1026831	(008000–)	Tube Wldt, Vacuum	1
▲	11	1019526	(008000–)	Screw, Pan, M6 X 1.0 X 25, Ss	3
▲	12	08712	(008000–)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	1
▲	13	01684	(008000–)	Washer, Flat, 0.25, Ss	1
▲	14	81582	(008000–)	Wheel, 3.0d 0.87w 0.44b, Rbr, Pp Core	2
▲	15	393129	(008000–)	Sleeve, P/M, 0.31B 0.44D 1.2L [430Ss]	2
▲	16	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	2
▲	17	39349	(008000–)	Washer, Flat, 0.31, Sae	2
▲	18	397826	(008000–)	Screw, Btn, M8 X 1.25 X 40, Ss	2
▲	19	1024450	(008000–)	Tray, Debris, Trimmed	1
▲	20	1037343	(008000–)	Plate, Mtg, Vacuum Tube	1
	21	1040098	(008000–)	Hose Assy, W/1cuff, 1.0d, 030l 1.25/	1
	22	1023063	(008000–)	Coupling, Tube, Vacuum	1
	23	11399	(008000–)	Clamp, Hose, Wormdrive, 0.81–1.50d, .50w	3

Fig. 35 – Squeegee Linkage Group, Rear

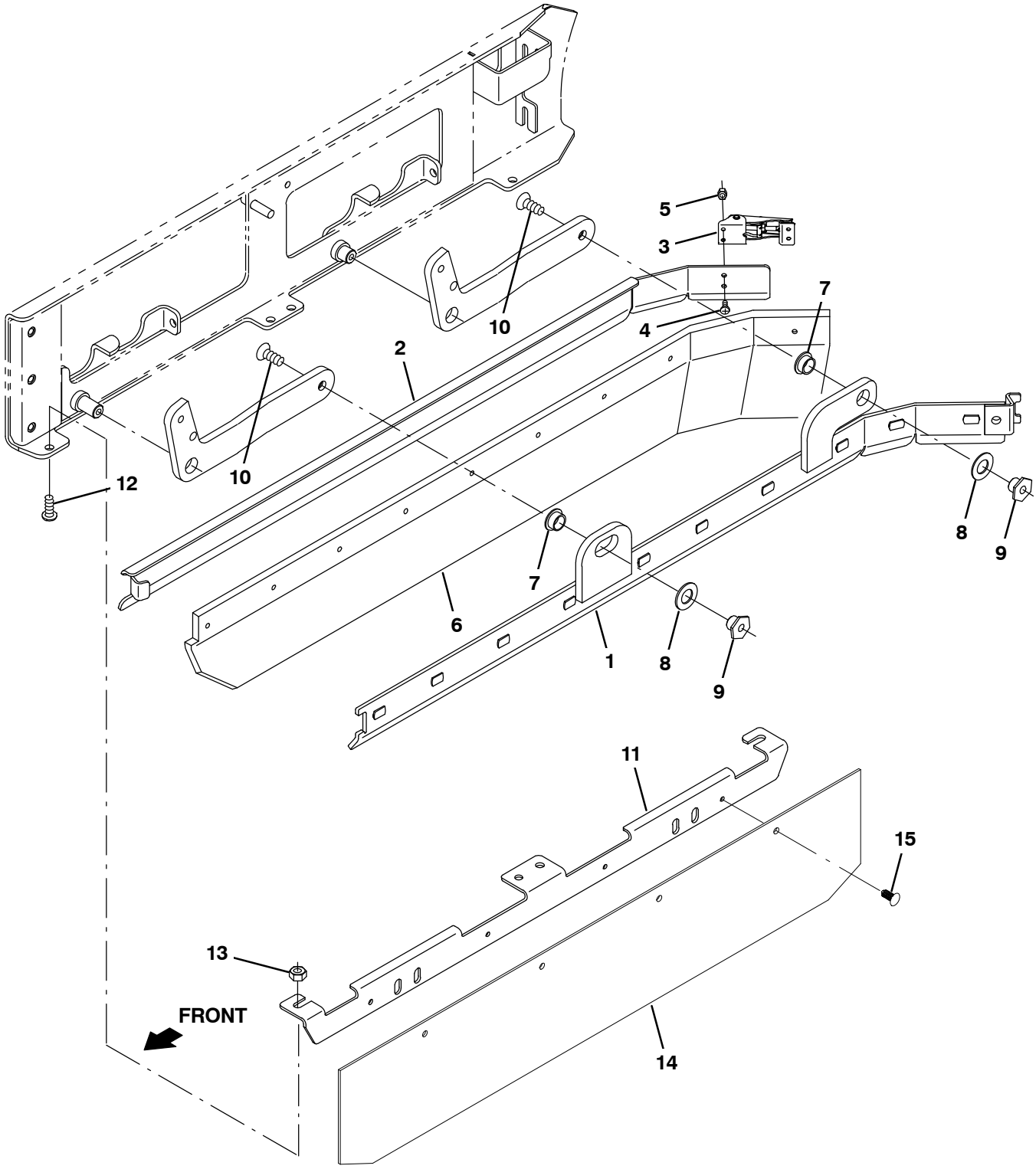


354512 – T20

Fig. 35 – Squeegee Linkage Group, Rear

	Ref.	Part No.	Serial Number	Description	Qty.
	1	01685	(008000–)	Washer, Flat, 0.31, Ss	8
	2	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	4
	3	80409	(008000–)	Sleeve, P/M, 0.34b 0.63d 0.6l, Bnz	2
	4	25735	(008000–)	Bushing, Flng, 0.63b 0.75d 0.38l	2
	5	222505	(008000–)	Screw, Hex, M8 X 1.25 X 45, Ss	2
	6	1023476	(008000–)	Bracket Wldt, Mtg, Sqge	1
	7	65180	(008000–)	Spring, Dsl, 1.00od 0.50id 1.7l	1
	8	1025601	(008000–)	Bolt, Carriage, M10 X 1.5 X 70	1
	9	32492	(008000–)	Washer, Flat, 0.38 Std	1
	10	08714	(008000–)	Nut, Hex, Lock, M10 X 1.5, Nl, Ss	1
▽		9017944	(008000–)	Caster Assy, F/ Sqge, Replmt[M20/T20]	2
▲	11	1021404	(008000–)	Bracket Wldt, Mtg, Caster	2
▲	12	9014285	(008000–)	Caster Kit, Rear Squeegee, Am	2
▲	13	1025460	(008000–)	Caster, Pivot	2
▲	14	80950	(008000–)	Bushing, Flng, 0.32b 0.50d 0.24l, Bnz	4
▲	15	07259	(008000–)	Fitting, Grease, Str Pm04 .47l	2
▲	16	33373	(008000–)	Ring, Retaining, Ext, 0.62d, Hd	2
▲	17	63468	(008000–)	Washer, Flat, 0.69b 1.19d .06, Stl, Pl	2
▲	18	64425	(008000–)	Washer, Thrust, 0.61b 1.25d .06, Fgl	2
▲	19	07449	(008000–)	Bushing, Sleeve, 0.62b 0.72d 0.50l, Fgl	4
	20	32485	(008000–)	Washer, Flat, 0.38 Sae	2
	21	24555	(008000–)	Ring, Retaining, Ext, 0.38d, [E–Ring]	2
	22	39281	(008000–)	Screw, Hex, M8 X 1.25 X 90, 8.8	2
	23	1222043	(008000–)	Knob Assy, Star, 1.12d 3ear M10, Yellow	2
	24	1021497	(008000–)	Pin, 0.63d 01.8l, 1/M10h, 2cham	2
	25	1034282	(008000–)	Crossmember Wldt, Lift	1
	26	1035727	(008000–)	Stop, Rotation	2

Fig. 36 – Squeegee Group, Right Side

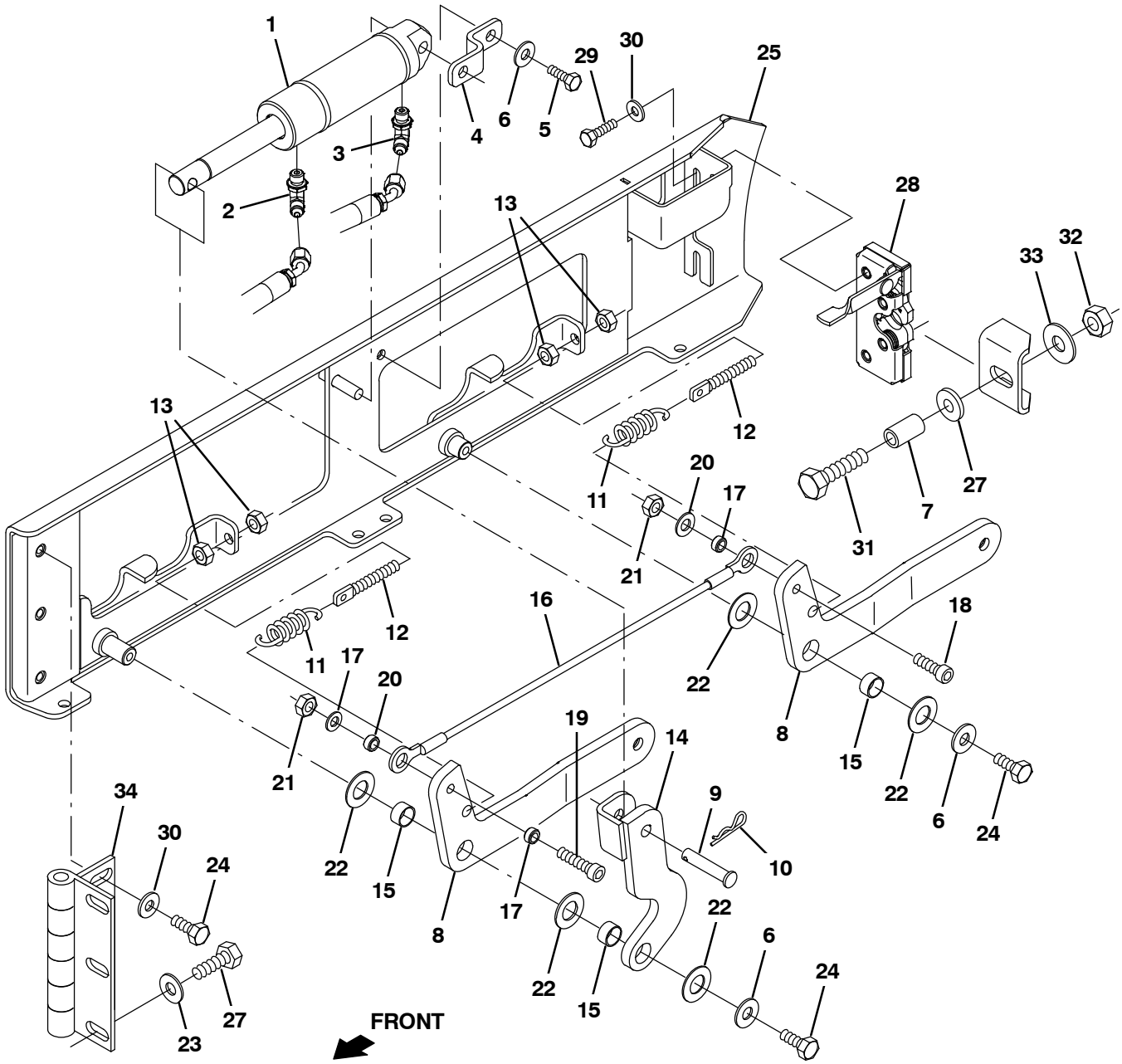


354513 – T20

Fig. 36 – Squeegee Group, Right Side

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1029132	(008000–)	Frame Wldt, Sqge, Rh	1
	2	1029128	(008000–)	Retainer, Sqge, Side, Rh	1
	3	1222018	(008000–)	Latch, Door , Yellow	1
	4	49697	(008000–)	Screw, Pan, M4 X 0.7 X 10, Ss	2
	5	33932	(008000–)	Nut, Hex, Lock, M4 X 0.7, Nl, Ss	2
	6	1031011	(008000–)	Blade, Sqge, .38 3.55w 038.3l, Linatex	1
	6	1031823	(008000–)	Blade, Sqge, .38 3.55w 038.3l, Ure (Option)	1
	7	25735	(008000–)	Bushing, Flng, 0.63b 0.75d 0.38l	2
	8	64425	(008000–)	Washer, Thrust, 0.61b 1.25d .06, Fgl	2
	9	1022846	(008000–)	Nut, T, M10 X 1.50 X 15.8od X 13.0l	2
	10	09081	(008000–)	Screw, Flt, M10 X 1.5 X 25, 10.9	2
	11	1025151	(008000–)	Bracket, Mtg, Skirt, Door, Brush	1
	12	393135	(008000–)	Screw, Btn, M8 X 1.25 X 20, Blk	4
	13	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	4
▽	14	9003057	(008000–)	Shield Kit, Side, Replmt [T20]	1
▲	15	21168	(008000–)	Clip, .250h, Plstc [Pine–Tree]	4

Fig. 37 – Squeegee Lift Group, Right Side

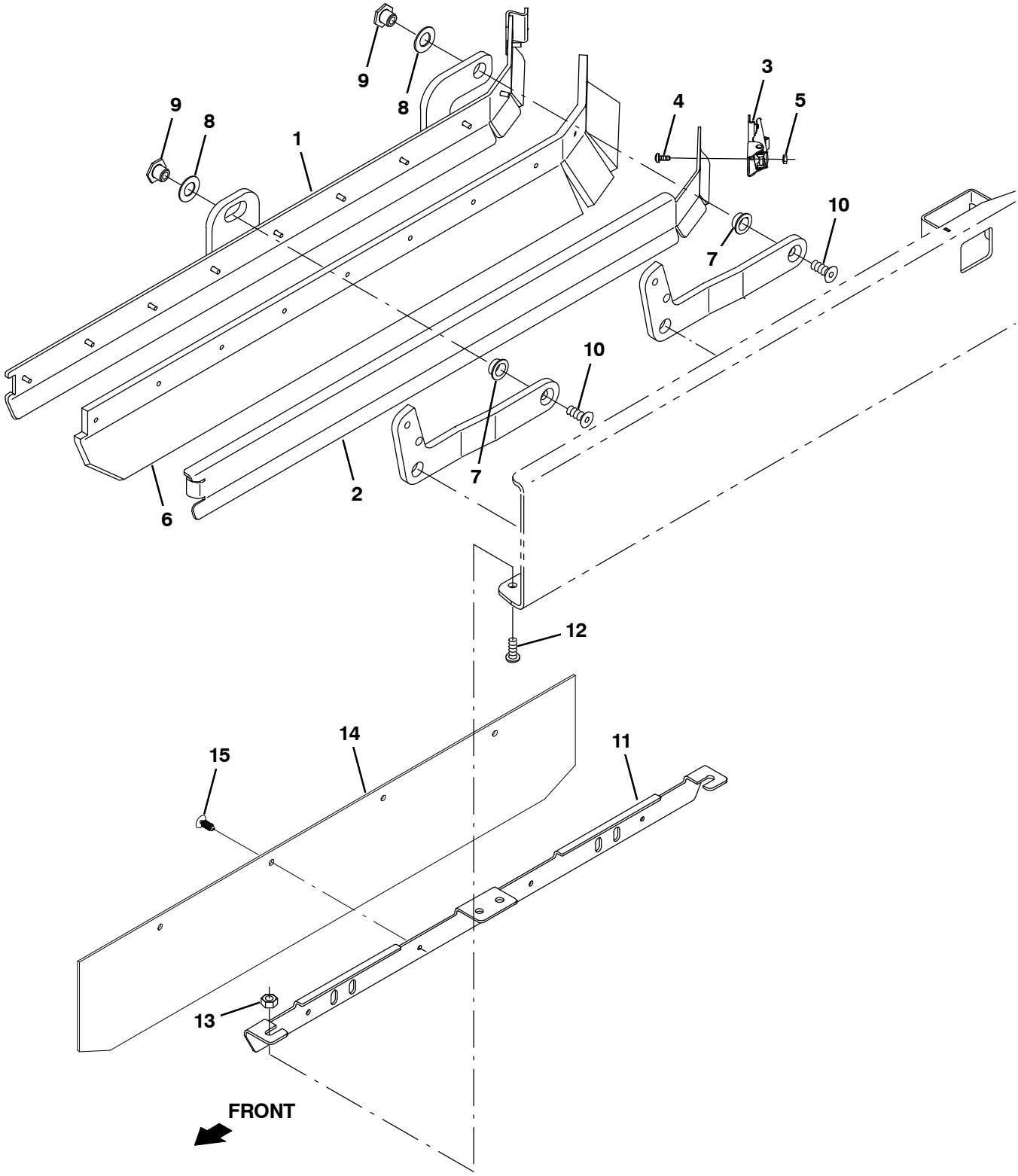


354443

Fig. 37 – Squeegee Lift Group, Right Side

Ref.	Part No.	Serial Number	Description	Qty.
1	1038137	(008000–)	Cylinder, Hyd, 1.5b 07.8l 02.80strk 2500	1
2	77097	(008000–)	Fitting, Hyd, E90, Jm04/Om04	1
3	1028635	(008000–)	Fitting, Hyd, Rst, Spcl	1
4	1022825	(008000–)	Bracket, Mtg, Cyl	1
5	08716	(008000–)	Screw, Hex, M6 X 1.00 X 20, Ss	1
6	01685	(008000–)	Washer, Flat, 0.31, Ss	3
7	1039348	(008000–)	Sleeve, 0.49b 0.68d 1.2l [304ss]	1
8	1020548	(008000–)	Arm, Sqge, Side, Rh	2
9	17461	(008000–)	Pin, Clevis, 0.37D X 1.75L	1
10	08182	(008000–)	Pin, Cotter, .125 X 1.00	1
11	87816	(008000–)	Spring, Extn, 0.75od X 0.09wir, 2.5l	2
12	386088	(008000–)	Bolt, Eye, M08 X 1.25 X 070mm, 05.50 Eye	2
13	07786	(008000–)	Nut, Hex, Std, M8 X 1.25, Ss	4
14	1023306	(008000–)	Arm Wldt, Sqge, Lift, Rh	1
15	71607	(008000–)	Bushing, Sleeve, 0.63b 0.72d 0.38l	3
16	81784	(008000–)	Cable, Glv .13d 015.8l .50eye /.50eye	1
17	360801	(008000–)	Sleeve, 0.31b 0.50d 0.3l, Ss	3
18	39308	(008000–)	Screw, Soc, M8 X 1.25 X 25, 12.9	1
19	41445	(008000–)	Screw, Soc, M8 X 1.25 X 35, 12.9	1
20	39349	(008000–)	Washer, Flat, 0.31 Sae	2
21	08709	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl	2
22	64425	(008000–)	Washer, Thrust, 0.61b 1.25d .06, Fgl	5
23	41187	(008000–)	Washer, Flat, Belleville, .38	3
24	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	5
25	1019031	(008000–)	Door Wldt, Brush, Rh	1
26	09028	(008000–)	Screw, Hex, M10 X 1.5 X 25, Ss	3
27	36328	(008000–)	Washer, Flat, Belleville, .50	1
28	1222036	(008000–)	Latch, Hook, Yellow	1
29	09007	(008000–)	Screw, Hex, M6 X 1.0 X 25, Ss	2
30	41185	(008000–)	Washer, Flat, Belleville, .25	5
31	379870	(008000–)	Screw, Hex, M12 X 1.75 X 55, Ss	1
32	07788	(008000–)	Nut, Hex, Std, M12 X 1.75, Ss	1
33	41619	(008000–)	Washer, Flat, 0.56b 1.38d .11, Ss	1
34	1024576	(008000–)	Hinge, .50pin .19 4.0w 06.0l 3/0.44sl	1

Fig. 38 – Squeegee Group, Left Side

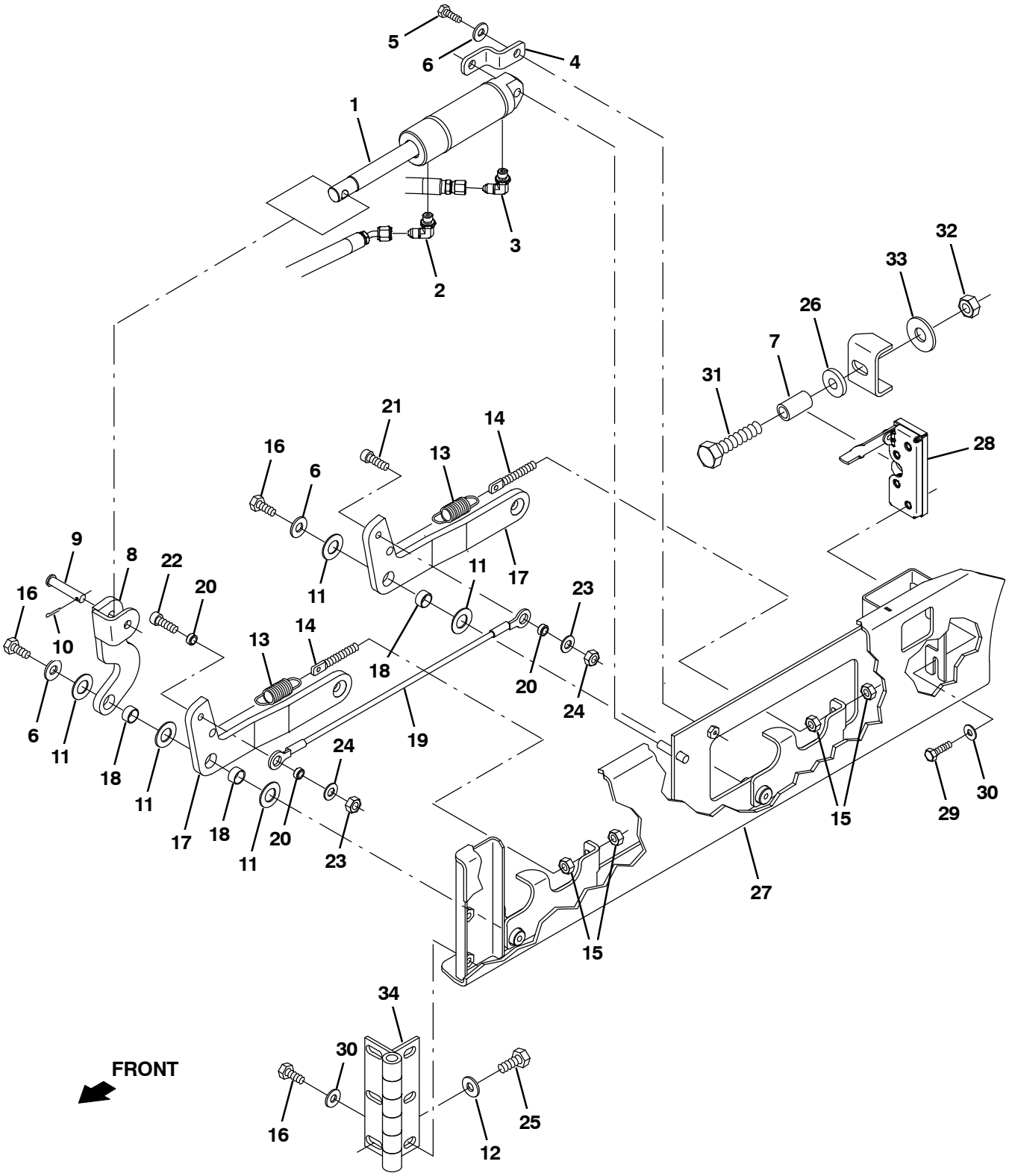


354514 – T20

Fig. 38 – Squeegee Group, Left Side

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1028972	(008000–)	Frame Wldt, Sqge, Lh	1
	2	1028979	(008000–)	Retainer, Sqge, Side, Lh	1
	3	1222018	(008000–)	Latch, Door , Yellow	1
	4	49697	(008000–)	Screw, Pan, M4 X 0.7 X 10, Ss	2
	5	33932	(008000–)	Nut, Hex, Lock, M4 X 0.7, Nl, Ss	2
	6	1031011	(008000–)	Blade, Sqge, 37.08l Linatex	1
	6	1031823	(008000–)	Blade, Sqge, .38 3.55w 038.3l, Ure (Option)	1
	7	25735	(008000–)	Bushing, Flng, 0.63b 0.75d 0.38l	2
	8	64425	(008000–)	Washer, Thrust, 0.61b 1.25d .06, Fgl	2
	9	1022846	(008000–)	Nut, T, M10 X 1.50 X 15.8od X 13.0l	2
	10	09081	(008000–)	Screw, Flt, M10 X 1.5 X 25, 10.9	2
	11	1025151	(008000–)	Bracket, Mtg, Skirt, Door, Brush	1
	12	393135	(008000–)	Screw, Btn, M8 X 1.25 X 20, Blk	4
	13	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	4
▽	14	9003057	(008000–)	Shield Kit, Side, Replmt [T20]	1
▲	15	21168	(008000–)	Clip, .250h, Plstc [Pine–Tree]	4

Fig. 39 – Squeegee Lift Group, Left Side

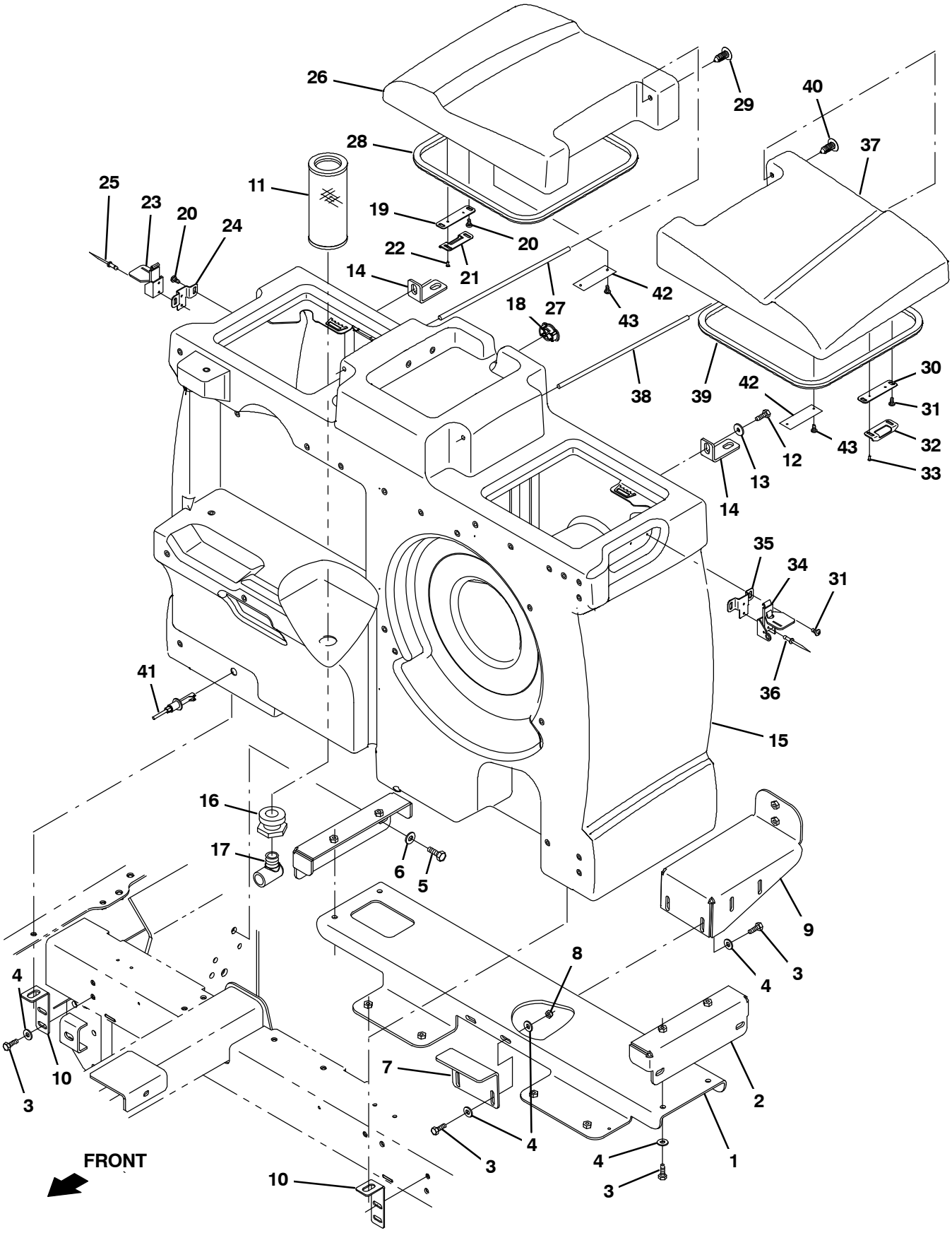


354445

Fig. 39 – Squeegee Lift Group, Left Side

Ref.	Part No.	Serial Number	Description	Qty.
1	1038137	(008000–)	Cylinder, Hyd, 1.5b 07.8l 02.80strk 2500	1
2	77097	(008000–)	Fitting, Hyd, E90, Jm04/Om04	1
3	1028635	(008000–)	Fitting, Hyd, Rst, Spcl	1
4	1022825	(008000–)	Bracket, Mtg, Cyl	1
5	08716	(008000–)	Screw, Hex, M6 X 1.00 X 20, Ss	1
6	01685	(008000–)	Washer, Flat, 0.31, Ss	3
7	1039348	(008000–)	Sleeve, 0.49b 0.68d 1.2l [304ss]	1
8	1022978	(008000–)	Arm Wldt, Lift, Sqge, Lh	1
9	17461	(008000–)	Pin, Clevis, 0.37D X 1.75L	1
10	08182	(008000–)	Pin, Cotter, .125 X 1.00	1
11	64425	(008000–)	Washer, Thrust, 0.61b 1.25d .06, Fgl	5
12	41187	(008000–)	Washer, Flat, Belleville, .38	3
13	87816	(008000–)	Spring, Extn, 0.75od X 0.09wir, 2.5l	2
14	386088	(008000–)	Bolt, Eye, M08 X 1.25 X 070mm, 05.50 Eye	2
15	07786	(008000–)	Nut, Hex, Std, M8 X 1.25, Ss	4
16	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	5
17	1023307	(008000–)	Arm, Sqge, Side, Lh	2
18	71607	(008000–)	Bushing, Sleeve, 0.63b 0.72d 0.38l	3
19	81784	(008000–)	Cable, Glv .13d 015.8l .50eye /.50eye	1
20	360801	(008000–)	Sleeve, 0.31b 0.50d 0.3l, Ss	3
21	39308	(008000–)	Screw, Soc, M8 X 1.25 X 25, 12.9	1
22	41445	(008000–)	Screw, Soc, M8 X 1.25 X 35, 12.9	1
23	39349	(008000–)	Washer, Flat, 0.31 Sae	2
24	08709	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl	2
25	09028	(008000–)	Screw, Hex, M10 X 1.5 X 25, Ss	3
26	36328	(008000–)	Washer, Flat, Belleville, .50	1
27	1023314	(008000–)	Door Wldt, Brush, Lh	1
28	1222038	(008000–)	Latch, Hook, Yellow	1
29	09007	(008000–)	Screw, Hex, M6 X 1.0 X 25, Ss	2
30	41185	(008000–)	Washer, Flat, Belleville, .25	5
31	379870	(008000–)	Screw, Hex, M12 X 1.75 X 55, Ss	1
32	07788	(008000–)	Nut, Hex, Std, M12 X 1.75, Ss	1
33	41619	(008000–)	Washer, Flat, 0.56b 1.38d .11, Ss	1
34	1024576	(008000–)	Hinge, .50pin .19 4.0w 06.0l 3/0.44sl	1

Fig. 40 – Solution Tank Group



354515 – T20

Fig. 40 – Solution Tank Group

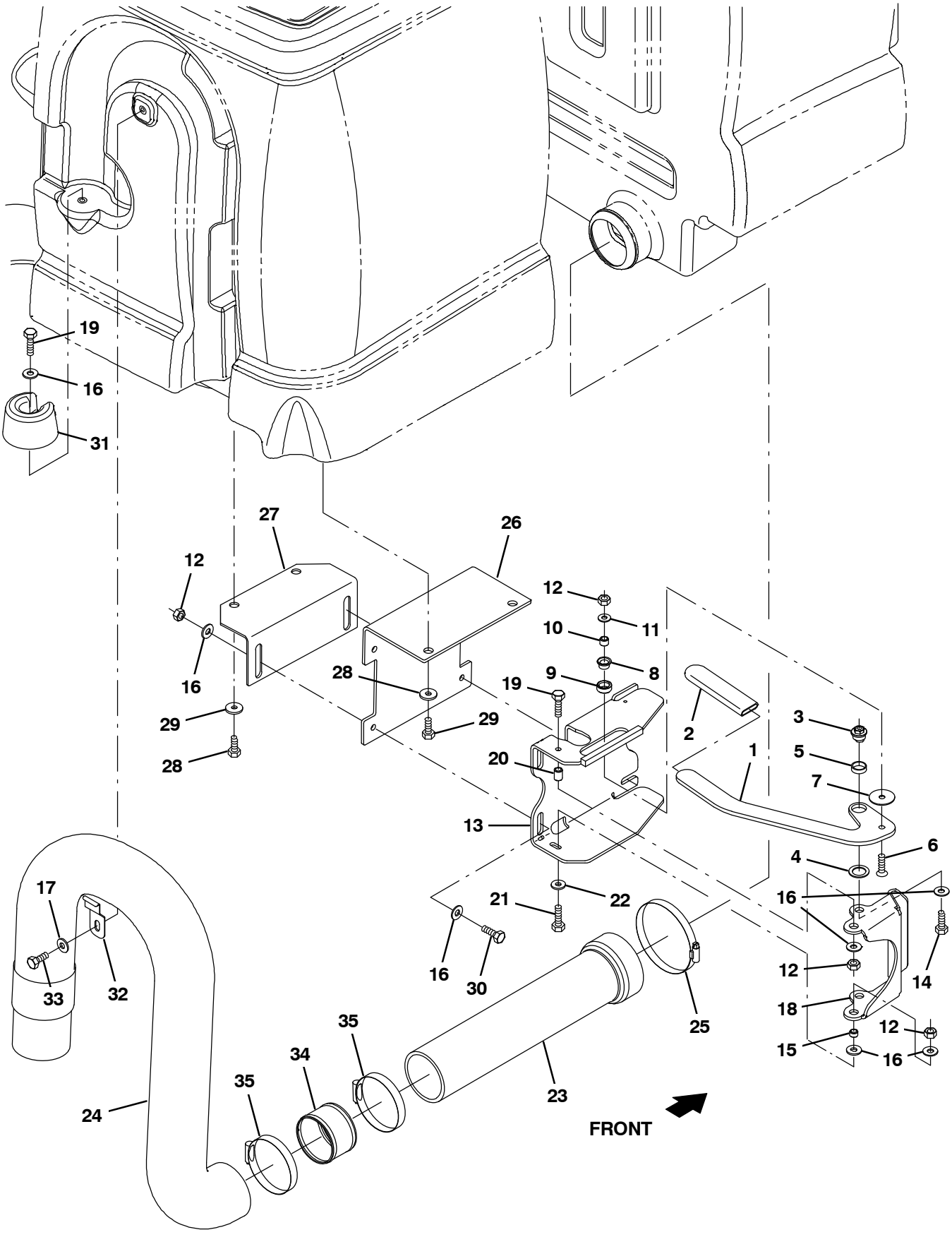
	Ref.	Part No.	Serial Number		Description	Qty.
	1	1023497	(008000–	)	Channel, Sppt, Tank	1
	2	1023493	(008000–	)	Bracket, Mtg, Tank	2
	3	09010	(008000–	)	Screw, Hex, M8 X 1.25 X 25, Ss	12
	4	32491	(008000–	)	Washer, Flat, 0.31, Std	14
	5	12317	(008000–	)	Screw, Hex, M10 X 1.5 X 30, Ss	4
	6	32492	(008000–	)	Washer, Flat, 0.38, Std	4
	7	1023508	(008000–	)	Bracket, Mtg, Tank	1
	8	08713	(008000–	)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	2
	9	1023510	(008000–	)	Bracket, Mtg, Tank	1
	10	1024131	(008000–	)	Angle, Mtg, Stl, .12 4.2 2.0 01.4l	2
	11	1027290	(008000–013000	)	Filter, Soltn, 20mesh, Pm12 3.1d 02.6l	1
	11	1057465	(013001–	)	Filter, Soltn, 080Mesh, Pm12 3.2D 08.0L	1
	12	09740	(008000–	)	Screw, Hex, M8 X 1.25 X 20, Ss	2
	13	1017218	(008000–	)	Washer, Flat, 0.32b 1.00d .12, Ss	2
	14	1024217	(008000–	)	Angle, Mtg, Stl, .19 3.1 1.8 01.4l	2
	15	1027426	(008000–	)	Tank, Soltn, W/ Label	1
	15	9002670	(008000–	)	Tank, Soltn, W/ Es [T20]	1
	16	377349	(008000–	)	Fitting, Plstc, Pf12/Pf12, Bh	1
	17	69785	(008000–	)	Fitting, Plstc, E90, Pf12/Pm12	1
	18	390994	(008000–	)	Plug, Hole, Soltn Tank, Blk Pyu	1
▽		9003069	(008000–	)	Cover Kit, Soltn Tank, Rh [M20 & T20]	1
▲▽		9005165	(008000–	)	Latch Kit, Cover, Soltn, Replmt[M20/T20]	1
▲▲	19	1039757	(008000–	)	Plate, Mtg, Latch	1
▲▲	20	382320	(008000–	)	Screw, Pan, Phl, 12–16 X 0.50, F/ Plstc	4
▲▲	21	1048474	(008000–	)	Catch, Latch, Tank Cover	1
▲▲	22	222267	(008000–	)	Screw, Pan, Phl, 06–20 X 0.50, Fmg/Ab	2
▲▲	23	367949	(008000–	)	Latch	1
▲▲	24	1048512	(008000–	)	Bracket, Mtg, Latch, Tank Cover	1
▲▲	25	08875	(008000–	)	Rivet, Blind, .125d X 0.54 X .25d, Alm	2
▲	26	1022176	(008000–	)	Cover, Tank, Soltn, Rh, Trimmed	1
▲	27	1047098	(008000–	)	Bar, Rnd, Plstc, 0.31d 12.5l	1
▲	28	1038805	(008000–	)	Seal, Bulb, Str, .50Hi .50W 047.2L, Adh	1
▲	29	1068277	(008000–	)	Plug, Hole, Rnd, 0.38 H 1.0l, Brb, Nyl	1
▽		9003071	(008000–	)	Cover Kit, Tank, Soltn, Rh, Replmt, Ce (Japan and Europe Only)	1
▲▽		9005165	(008000–	)	Latch Kit, Cover, Soltn, Replmt[M20/T20]	1
▲▲	19	1039757	(008000–	)	Plate, Mtg, Latch	1
▲▲	20	382320	(008000–	)	Screw, Pan, Phl, 12–16 X 0.50, F/ Plstc	4
▲▲	21	1048474	(008000–	)	Catch, Latch, Tank Cover	1
▲▲	22	222267	(008000–	)	Screw, Pan, Phl, 06–20 X 0.50, Fmg/Ab	2
▲▲	23	367949	(008000–	)	Latch	1
▲▲	24	1048512	(008000–	)	Bracket, Mtg, Latch, Tank Cover	1
▲▲	25	08875	(008000–	)	Rivet, Blind, .125d X 0.54 X .25d, Alm	2
▲	26	1031233	(008000–	)	Cover, Tank, Soltn, Rh, Trimmed (Japan and Europe Only)	1
▲	27	1047098	(008000–	)	Bar, Rnd, Plstc, 0.31d 12.5l	1
▲	28	1038805	(008000–	)	Seal, Bulb, Str, .50Hi .50W 047.2L, Adh	1
▲	29	1068277	(008000–	)	Plug, Hole, Rnd, 0.38 H 1.0l, Brb, Nyl	1

(CONTINUED)

Fig. 40 – Solution Tank Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9003068	(008000–)	Cover Kit, Tank, Soltn, Lh, Replmt	1
▲▽		9005165	(008000–)	Latch Kit, Cover, Soltn, Replmt[M20/T20]	1
▲▲	30	1039757	(008000–)	Plate, Mtg, Latch	1
▲▲	31	382320	(008000–)	Screw, Pan, Phl, 12–16 X 0.50, F/ Plstc	4
▲▲	32	1048474	(008000–)	Catch, Latch, Tank Cover	1
▲▲	33	222267	(008000–)	Screw, Pan, Phl, 06–20 X 0.50, Fmg/Ab	2
▲▲	34	367949	(008000–)	Latch	1
▲▲	35	1048512	(008000–)	Bracket, Mtg, Latch, Tank Cover	1
▲▲	36	08875	(008000–)	Rivet, Blind, .125d X 0.54 X .25d, Alm	2
▲	37	1022182	(008000–)	Cover, Tank, Soltn, Lh, Trimmed	1
▲	38	1047098	(008000–)	Bar, Rnd, Plstc, 0.31d 12.5l	1
▲	39	1038805	(008000–)	Seal, Bulb, Str, .50Hi .50W 047.2L, Adh	1
▲	40	1068277	(008000–)	Plug, Hole, Rnd, 0.38 H 1.0l, Brb, Nyl	1
▽		9003070	(008000–)	Cover Kit, Tank, Soltn, Lh, Replmt, Ce (Japan and Europe Only)	1
▲▽		9005165	(008000–)	Latch Kit, Cover, Soltn, Replmt[M20/T20]	1
▲▲	30	1039757	(008000–)	Plate, Mtg, Latch	1
▲▲	31	382320	(008000–)	Screw, Pan, Phl, 12–16 X 0.50, F/ Plstc	4
▲▲	32	1048474	(008000–)	Catch, Latch, Tank Cover	1
▲▲	33	222267	(008000–)	Screw, Pan, Phl, 06–20 X 0.50, Fmg/Ab	2
▲▲	34	367949	(008000–)	Latch	1
▲▲	35	1048512	(008000–)	Bracket, Mtg, Latch, Tank Cover	1
▲▲	36	08875	(008000–)	Rivet, Blind, .125d X 0.54 X .25d, Alm	2
▲	37	1031235	(008000–)	Cover, Tank, Soltn, Rh, Trimmed (Japan and Europe Only)	1
▲	38	1047098	(008000–)	Bar, Rnd, Plstc, 0.31d 12.5l	1
▲	39	1038805	(008000–)	Seal, Bulb, Str, .50Hi .50W 047.2L, Adh	1
▲	40	1068277	(008000–)	Plug, Hole, Rnd, 0.38 H 1.0l, Brb, Nyl	1
	41	385685	(008000–)	Sensor, Level, Liq, 14vdc 01a .62–11	1
	42	1017101	(008000–)	Plate, Label, Soltn Tank (ec–H20 only)	2
	43	360973	(008000–)	Screw, Pan, 12–16 X 0.50, F/ Plstc (ec–H20 only)	4

Fig. 41 – Solution Tank Drain Group

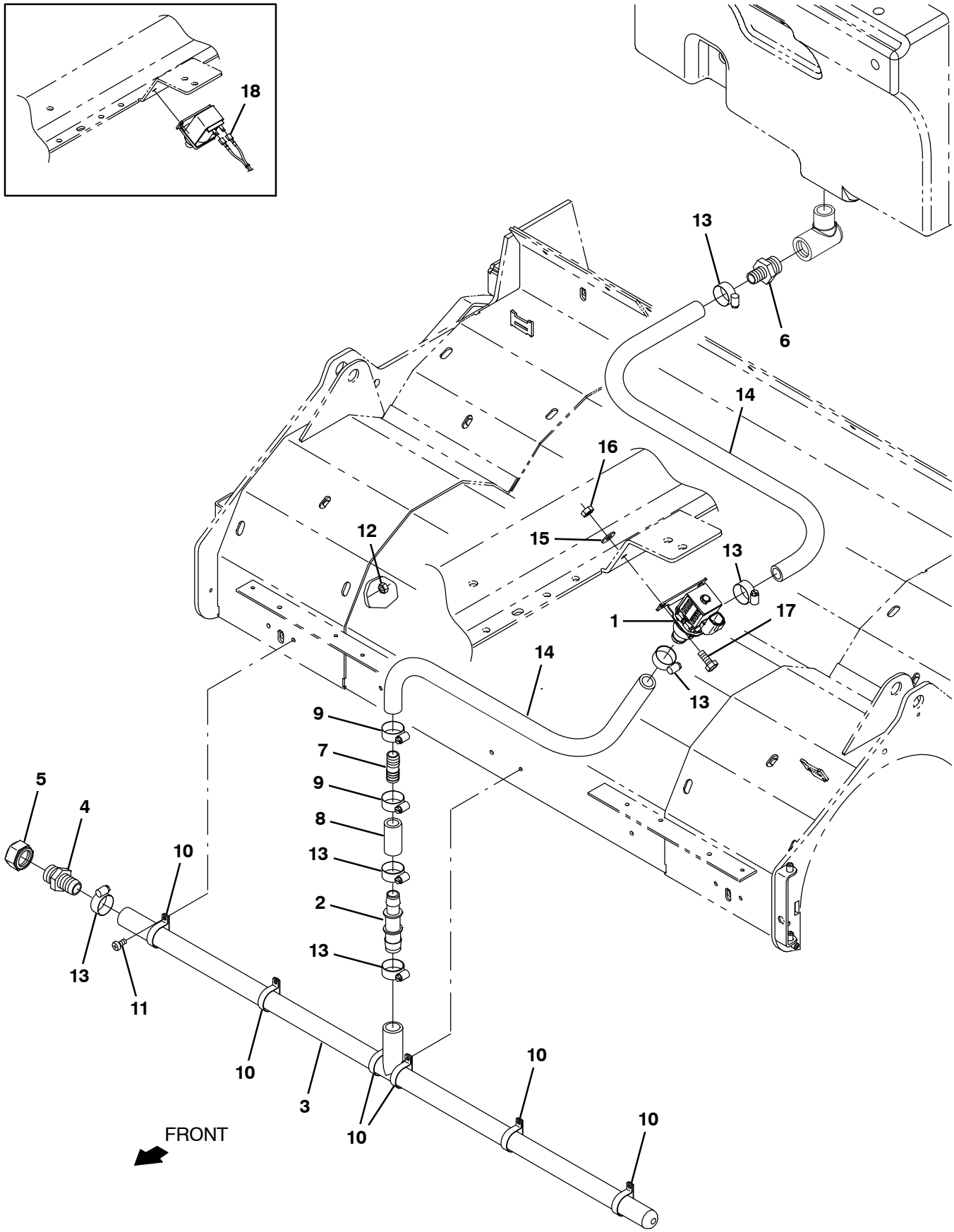


354516 – T20

Fig. 41 – Solution Tank Drain Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1025092	(008000–)	Handle, Valve, Pinch, Rh	1
2	1023502	(008000–)	Grip, Handle	1
3	1024599	(008000–)	Bushing, Eccentric, Adj	1
4	1026051	(008000–)	Washer, Flat, 0.79b 1.18d .06, Nyl	1
5	74090	(008000–)	Bushing, Sleeve, 0.75b 0.88d 0.25l	1
6	79506	(008000–)	Screw, Flt, M8 X 1.25 X 30, Ss	1
7	1028701	(008000–)	Washer, Thrust, 0.34b 1.50d .06	1
8	15648	(008000–)	Bushing, Flng, 0.50b 0.59d 0.38l	1
9	1028691	(008000–)	Roller, Brg	1
10	1028690	(008000–)	Tube, 0.50d 0.32b 00.4l, Ss	1
11	39349	(008000–)	Washer, Flat, 0.31, Sae	1
12	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	7
13	1042003	(008000–)	Mount Wldt, Valve, Pinch, Rh	1
14	39277	(008000–)	Screw, Hex, M8 X 1.25 X 25, 8.8	1
15	222516	(008000–)	Sleeve, P/M, 0.31b 0.50d 0.3l [430ss]	1
16	32491	(008000–)	Washer, Flat, 0.31, Std	10
17	01685	(008000–)	Washer, Flat, 0.38b 0.88d .08, Ss	1
18	1024535	(008000–)	Arm, Pinch	1
19	06955	(008000–)	Screw, Hex, M8 X 1.25 X 35, 8.8	2
20	80395	(008000–)	Sleeve, P/M, 0.31b 0.50d 0.7l [430ss]	1
21	76570	(008000–)	Screw, Hex, M8 X 1.25 X 30, 8.8	1
22	41186	(008000–)	Washer, Flat, Belleville, .31	1
23	9003793	(008000–)	Tube Kit, Tank, Soltn, Replmt	1
24	1019424	(008000–)	Hose, Drain, 3.00id X 48.0l	1
25	23498	(008000–)	Clamp, Hose, Wormdrive, 3.56–4.50d, .50w	1
26	1025449	(008000–)	Angle, Mtg, Valve	2
27	1025452	(008000–)	Angle, Mtg, Stl, .12 3.7 3.4 09.1l	2
28	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	4
29	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	4
30	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	4
31	1022137	(008000–)	Plug, Hose, Pyu	1
32	1025480	(008000–)	Bracket, Retaining, Hose	1
33	15675	(008000–)	Screw, Hex, M8 X 1.25 X 16, Ss	1
34	1020744	(008000–)	Tube, Rnd, 3.00d 2.90b 02.0l, Ss	1
35	43555	(008000–)	Clamp, Hose, Wormdrive, 2.50–3.50d, .50w	2

Fig. 42 – Solution Control Group, Cylindrical Scrub Head (008000–013000)

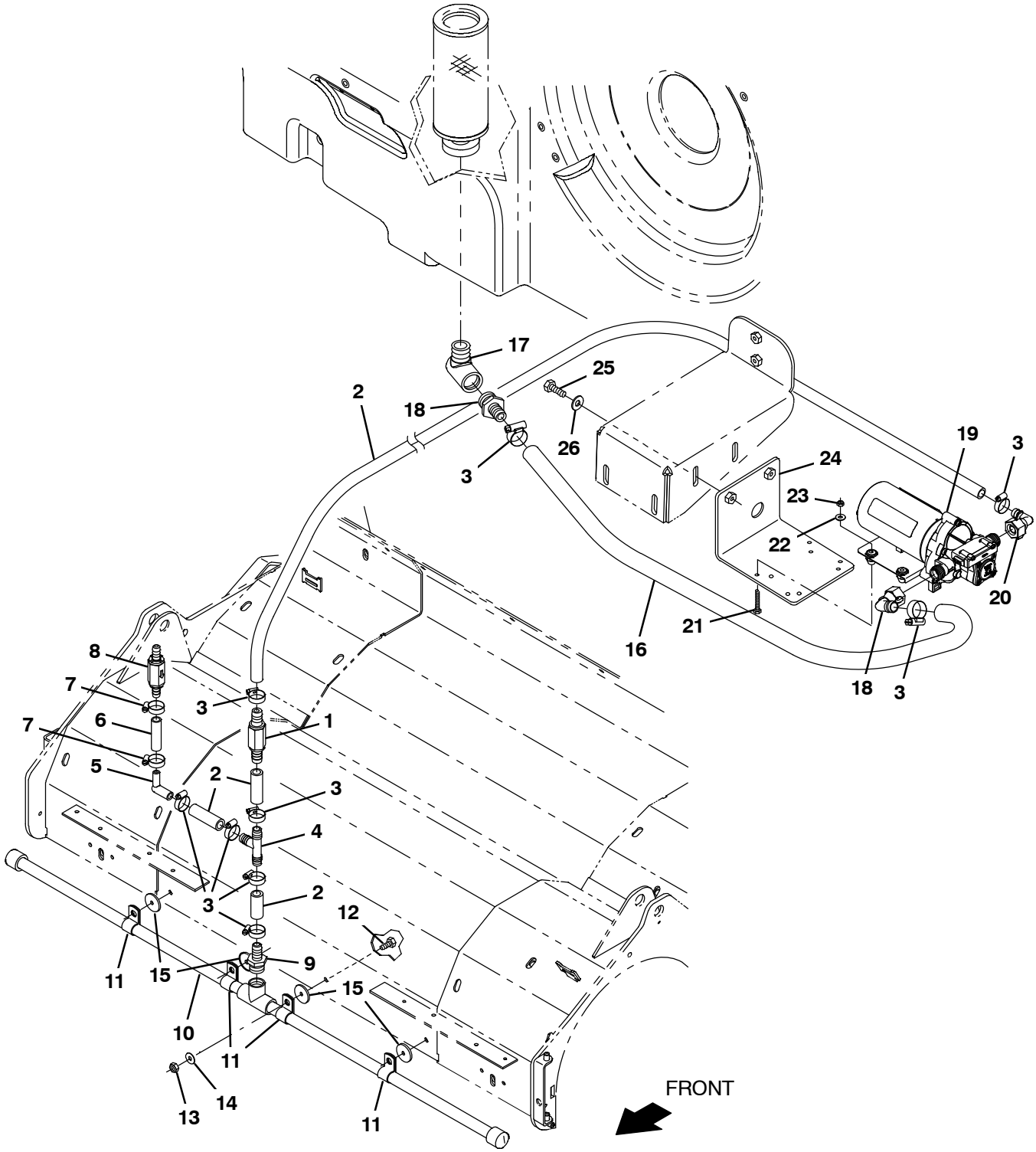


354448

Fig. 42 – Solution Control Group, Cylindrical Scrub Head (008000–013000)

Ref.	Part No.	Serial Number	Description	Qty.
1	1076692	(008000–013000)	Valve Assy, Water, Solenoid, 12vdc	1
2	363543	(008000–013000)	Fitting, Plstc, Str, Bm10/Bm12	1
3	1036997	(008000–013000)	Manifold, Bar, Spray, 37.5inch	1
4	79273–2	(008000–013000)	Fitting, Plstc, Str, Bm12/Pm12	1
5	1039064	(008000–013000)	Fitting, Plstc, Cap, Pf12 Hex	1
6	365095	(008000–013000)	Fitting, Plstc, Str, Bm10/Pm12	1
7	365164	(008000–013000)	Fitting, Plstc, Str, Bm10/Bm10	1
8	1015033	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.62id, 01ft, Clr	1
9	63810	(008000–013000)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	2
10	50544	(008000–013000)	Clamp, Cable, Ss, 1.12d X 0.38w, 1h	6
11	09200	(008000–013000)	Screw, Pan, M5 X 0.8 X 12, Ss	4
12	09739	(008000–013000)	Nut, Hex, Lock, M5 X 0.8, Nl, Ss	6
13	63810	(008000–013000)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	8
14	1015032	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.62id, 08ft, Clr	1
15	01684	(008000–013000)	Washer, Flat, 0.25, Ss	2
16	08712	(008000–013000)	Nut, Hex, Lock, M6 X 1.0, Ss, Nl	2
17	08716	(008000–013000)	Screw, Hex, M6 X 1.0 X 20, Ss	2
18	1075394	(008000–009613)	Harness, Ele, Adaptor [2f, Dt To Faston]	1
19	01683	(008000–013000)	Washer, Flat, 10, Ss	4
20	24196	(008000–013000)	Screw, Pan, Phl, M5 X 0.80 X 20, Ss	2

Fig. 43 – Solution Control Group, Cylindrical Scrub Head (013001–)

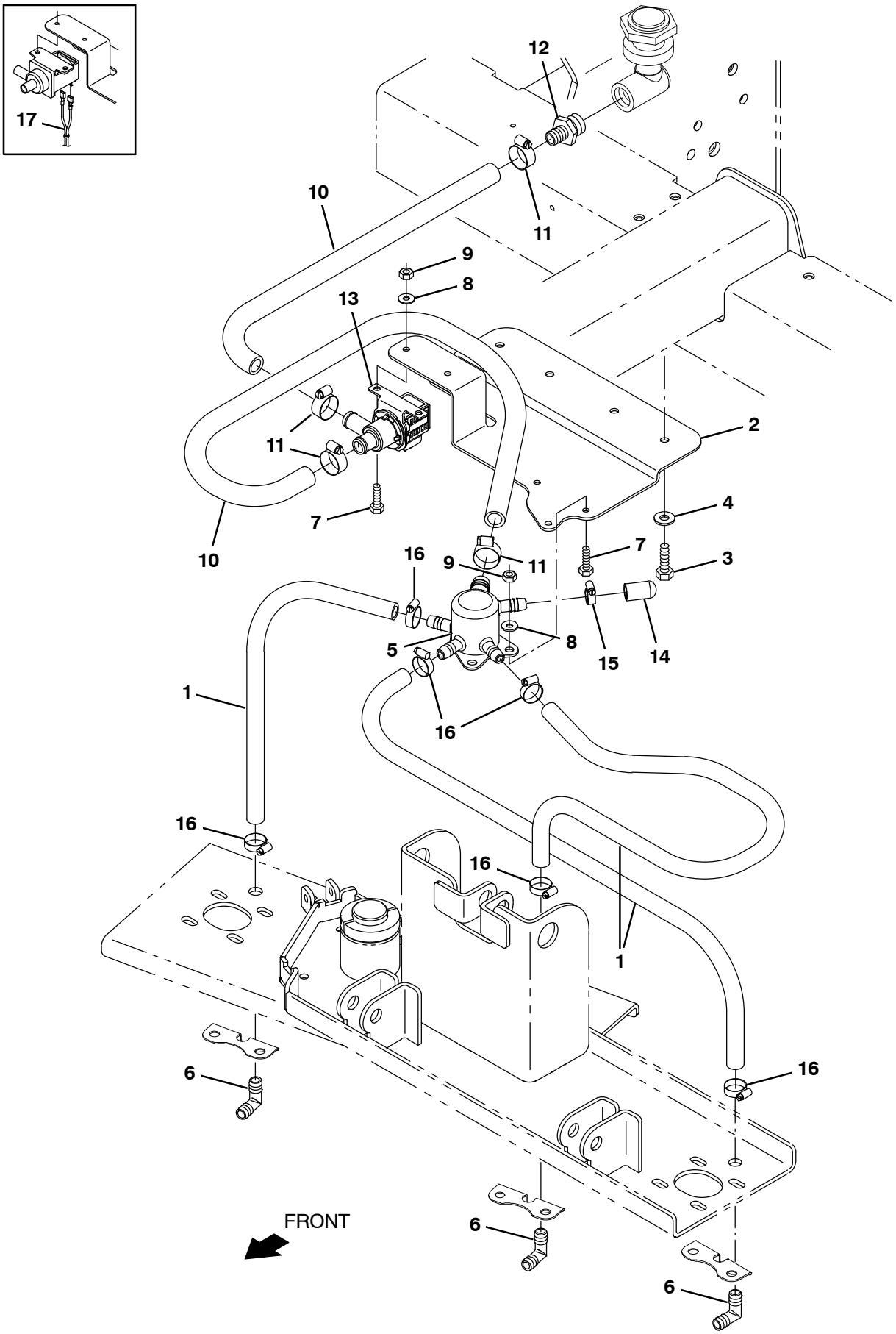


357109 – T20

Fig. 43 – Solution Control Group, Cylindrical Scrub Head (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1251530	(013001–)	Valve, Check, 1.0psi, Bm08/Bm08	1
2	1011412	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
3	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	10
4	63245–1	(013001–)	Fitting, Plstc, Tee, Bm08/Bm08/Bm08	1
5	222376	(013001–)	Fitting, Plstc, E90, Bm06/Bm08	1
6	1014971	(013001–)	Hose, Afmkt, Pvc, Brd, 0.38id, 01ft, Clr	1
7	43844	(013001–)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	1
8	1253873	(013001–)	Valve, Vent, Bm06/Bm06	1
9	79273–4	(013001–)	Fitting, Plstc, Str, Bm08/Pm08	1
10	1076854	(013001–)	Spray Manifold Assy [M20/T20]	1
11	82829	(013001–)	Clamp, Cable, Stl, 0.63d X 0.75w, 1hole	4
12	08716	(013001–)	Screw, Hex, M6 X 1.00 X 20, Ss	4
13	08708	(013001–)	Nut, Hex, Lock, M6 X 1.00, Nl	4
14	01684	(013001–)	Washer, Flat, 0.27b 0.69d .05, Ss	4
15	386063	(013001–)	Washer, Flat, 0.25b 1.12d .12, Ss	4
16	1015032	(013001–)	Hose, Afmkt, Pvc, Brd, 0.62id, 08ft, Clr	1
17	365095	(013001–)	Fitting, Plstc, Str, Bm10/Pm12	1
18	1251921	(013001–)	Fitting, Plstc, E90, Bm10/Pf08	1
19	1253561	(013001–)	Pump, Soltn, Ele, 12v, 3.6 Gpm	1
20	1018499	(013001–)	Fitting, Plstc, E90, Bm08/Pf08s, Swivel	1
21	1228033	(013001–)	Screw, Hex, M5 X 0.80 X 30, Ss	4
22	19066	(013001–)	Washer, Flat, 0.25b 0.56d .05, Pl, 10	4
23	06549	(013001–)	Nut, Hex, M5 X 0.80 X 16, 8.8	4
24	1255166	(013001–)	Bracket Wldt, Mtg, Pump [T20]	1
25	09740	(013001–)	Screw, Hex, M8 X 1.25 X 20, Ss	2
26	32491	(013001–)	Washer, Flat, 0.31, Std	2

Fig. 44 – Solution Control Group, Disk Scrub Head (008000–013000)

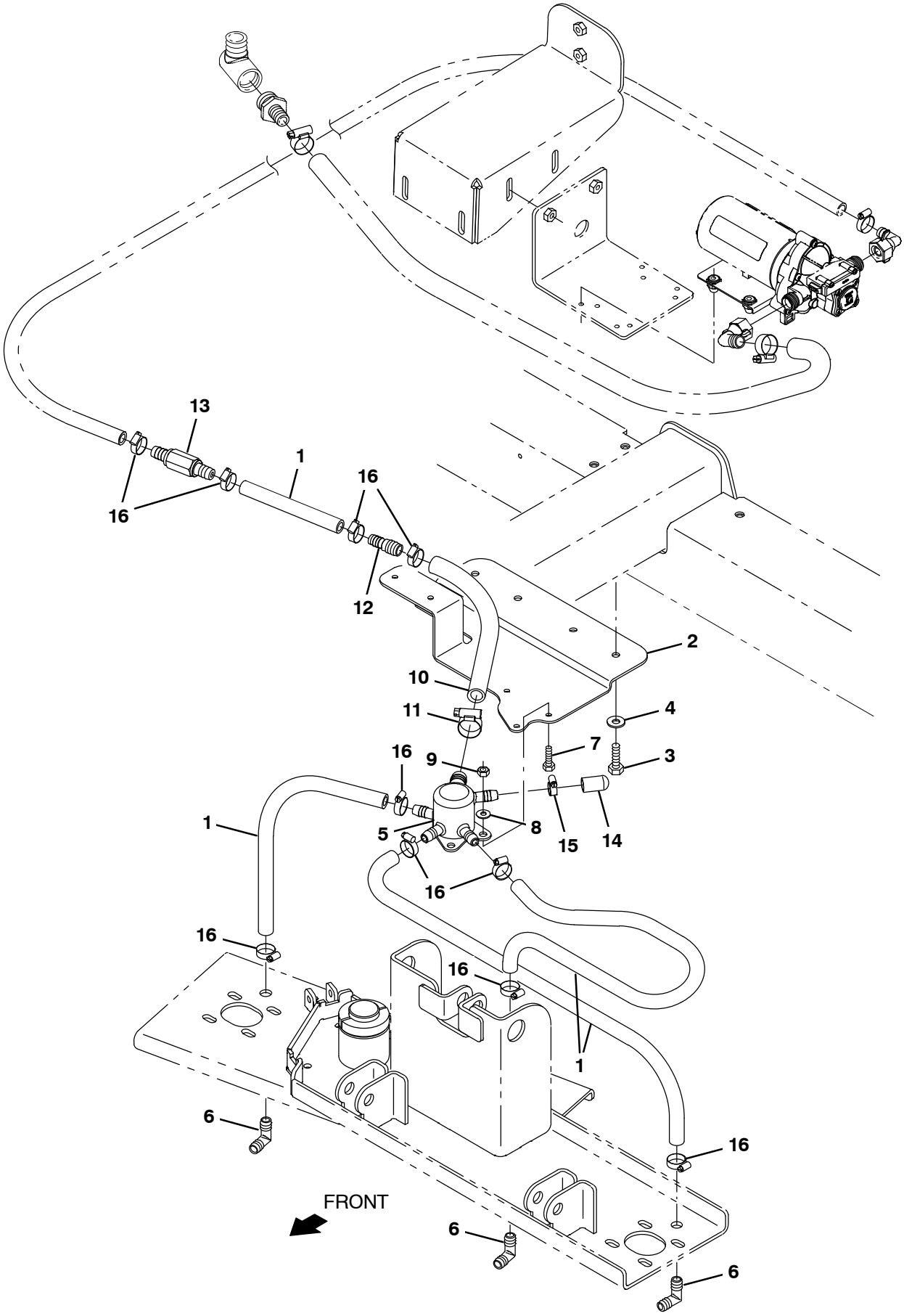


354517

Fig. 44 – Solution Control Group, Disk Scrub Head (008000–013000)

Ref.	Part No.	Serial Number	Description	Qty.
1	1006401	(008000–013000)	Hose, Afmkt, Pvc, Brd 0.50id 03ft	3
2	1042046	(008000–013000)	Bracket, Valve, Water	1
3	09010	(008000–013000)	Screw, Hex, M8 X 1.25 X 25, Ss	2
4	32491	(008000–013000)	Washer, Flat, 0.31, Std	2
5	1032701	(008000–013000)	Manifold Assy, Cntrl, Soltn	1
6	63987–1	(008000–013000)	Fitting, Plstc, E90, Bm08/Bm08	3
7	08716	(008000–013000)	Screw, Hex, M6 X 1.0 X 20, Ss	5
8	01684	(008000–013000)	Washer, Flat, 0.25, Ss	5
9	08712	(008000–013000)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	5
10	1015032	(008000–013000)	Hose, Afmkt, Pvc, Brd 0.62id 08ft	1
11	63810	(008000–013000)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	4
12	365095	(008000–013000)	Fitting, Plstc, Str, Bm10/Pm12	1
13	1076692	(008000–013000)	Valve Assy, Water, Solenoid , 12vdc	1
14	20807	(008000–013000)	Cap, Rbr, 0.50id 1.18l Blk	1
15	43844	(008000–013000)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	1
16	54333	(008000–013000)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	6
17	1075394	(008000–009613)	Harness, Ele, Adaptor [2f, Dt To Faston]	1

Fig. 45 – Solution Control Group, Disk Scrub Head (013001–)

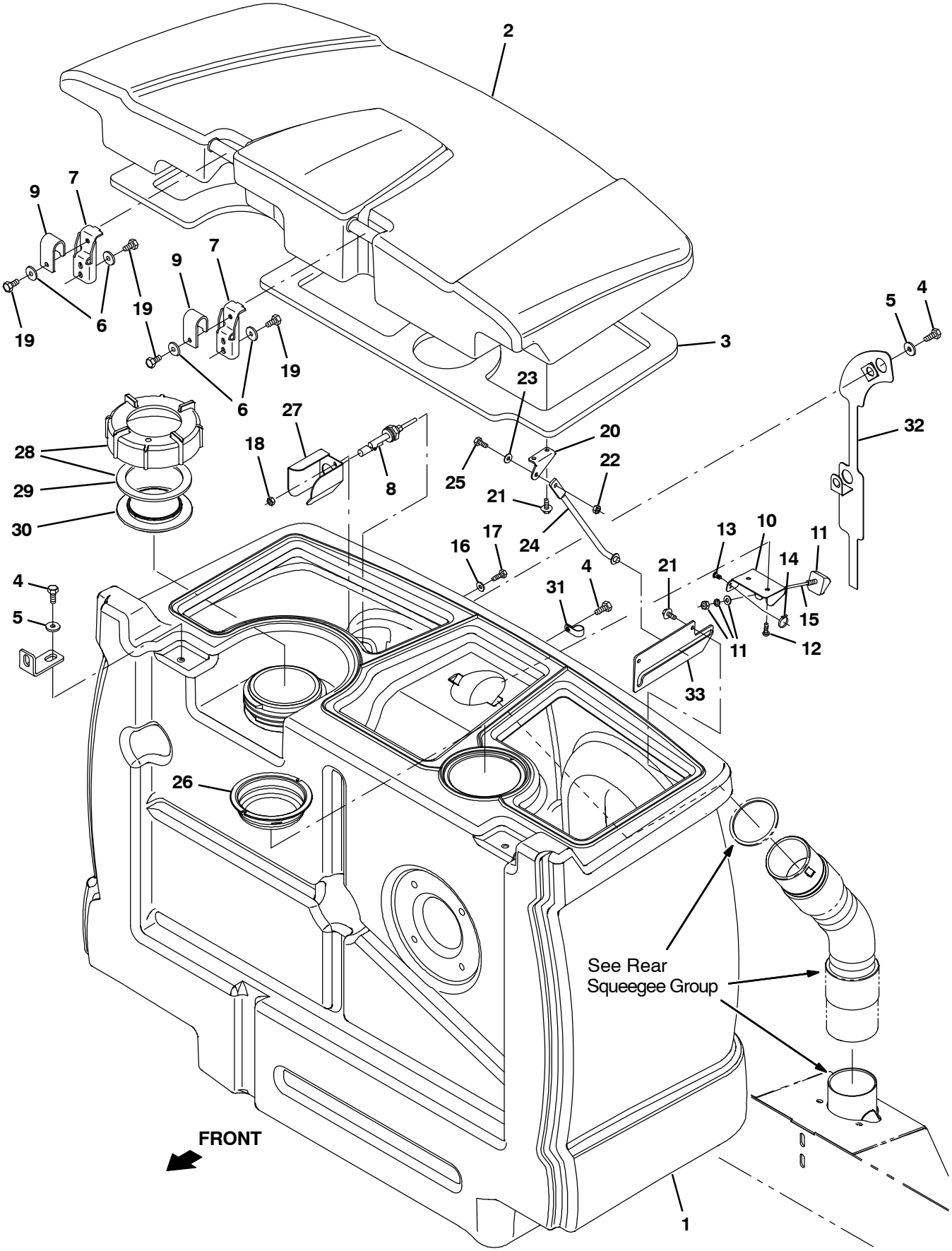


357113 – T20

Fig. 44 – Solution Control Group, Disk Scrub Head (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1006401	(013001–)	Hose, Afmkt, Pvc, Brd 0.50id 03ft	3
2	1042046	(013001–)	Bracket, Valve, Water	1
3	09010	(013001–)	Screw, Hex, M8 X 1.25 X 25, Ss	2
4	32491	(013001–)	Washer, Flat, 0.31, Std	2
5	1032701	(013001–)	Manifold Assy, Cntrl, Soltn	1
6	63987–1	(013001–)	Fitting, Plstc, E90, Bm08/Bm08	3
7	08716	(013001–)	Screw, Hex, M6 X 1.0 X 20, Ss	5
8	01684	(013001–)	Washer, Flat, 0.25, Ss	5
9	08712	(013001–)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	5
10	1016559	(013001–)	Hose, Afmkt, Pvc, Brd 0.62id 01ft	1
11	63810	(013001–)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	1
12	1257134	(013001–)	Fitting, Plstc, Str, Bm08/Bm10, Nyl	1
13	1251530	(013001–)	Valve, Check, 1.0psi, Bm08/Bm08	1
14	20807	(013001–)	Cap, Rbr, 0.50id 1.18l Blk	1
15	43844	(013001–)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	1
16	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	10

Fig. 46 – Recovery Tank Group

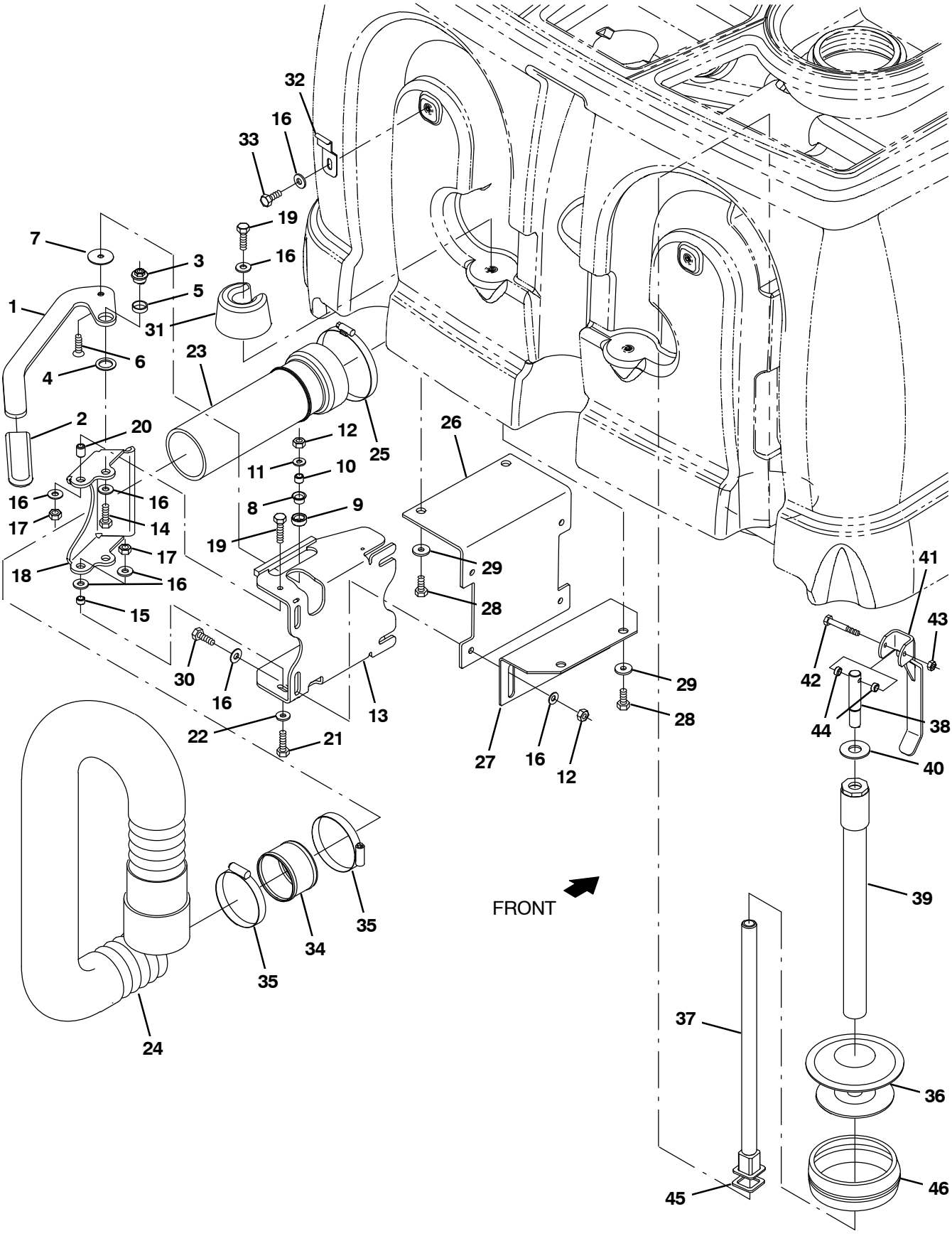


354518 – T20

Fig. 46 – Recovery Tank Group

	Ref.	Part No.	Serial Number		Description	Qty.
	1	1026316	(008000–	)	Tank, Recvy, Trimmed	1
▽	2	9003072	(008000–	)	Cover Kit, Tank, Recvy, Replmt [T20]	1
▲	3	1025562	(008000–	)	Gasket, Tank, Recvy	1
	4	09740	(008000–	)	Screw, Hex, M8 X 1.25 X 20, Ss	5
	5	1017218	(008000–	)	Washer, Flat, 0.32b 1.00d .12, Ss	4
	6	32491	(008000–	)	Washer, Flat, 0.31, Std	6
	7	1039072	(008000–	)	Bracket, Sppt, Cover, Tank, Recvy	1
	8	385685	(008000–	)	Sensor, Level, Liq, 14vdc 01a .62–11	1
	9	1039049	(008000–	)	Bracket, Mtg, Cover, Recvy Tank	1
	10	1225921	(008000–	)	Bracket, Mtg, Camera [T20] (PRO PANEL ONLY)	1
	11	1218851	(008000–	)	Camera, Color, Fixed (PRO PANEL ONLY)	1
	12	382320	(008000–	)	Screw, Pan, Phl, 12–16 X 0.50, F/ Plstc (PRO PANEL ONLY)	2
	13	1071085	(008000–	)	Clip, Tie, 0.25d, Plstc (PRO PANEL ONLY)	1
	14	763114	(008000–	)	Tie, Cable, 11.3l, 2.75d Max (PRO PANEL ONLY)	1
	15	1224979	(008000–	)	Cable, Camera, 236.2l [Hvs] (PRO PANEL ONLY)	1
	16	76426	(008000–	)	Washer, Sealing, 0.28b 0.75d Ss, Neo	2
	17	09007	(008000–	)	Screw, Hex, M6 X 1.00 X 25, Ss	2
	18	08712	(008000–	)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	2
	19	16735	(008000–	)	Screw, Hex, M8 X 1.25 X 16, 8.8	6
	20	1025619	(008000–	)	Bracket, Mtg, Prop Rod	1
	21	1046798	(008000–	)	Screw, Hex, .25–10 X 0.75, Fmg/a, Ss	4
	22	08712	(008000–	)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	1
	23	01684	(008000–	)	Washer, Flat, 0.25, Ss	1
	24	54615	(008000–	)	Arm Wldt, Safety, Sppt, Seat, .38d 10.1l	1
	25	08716	(008000–	)	Screw, Hex, M6 X 1.0 X 20, Ss	1
	26	1222035	(008000–	)	Screen, Recovery, Yellow	1
	27	1039697	(008000–	)	Guard Wldt, Switch, Float	1
▽	28	24358	(008000–	)	Cap Assy, Tank, Drain	1
▲	29	1031699	(008000–	)	Gasket, Lid	1
	30	86636	(008000–	)	Cover, Tank	1
	31	67767	(008000–	)	Clamp, Cable, Stl, 0.69d X 0.62w, 1h	1
	32	1030280	(008000–	)	Shield Wldt, Switch, Float	1
	33	1025620	(008000–	)	Plate, Mtg, Prop Rod	1

Fig. 47 – Recovery Tank Drain Group

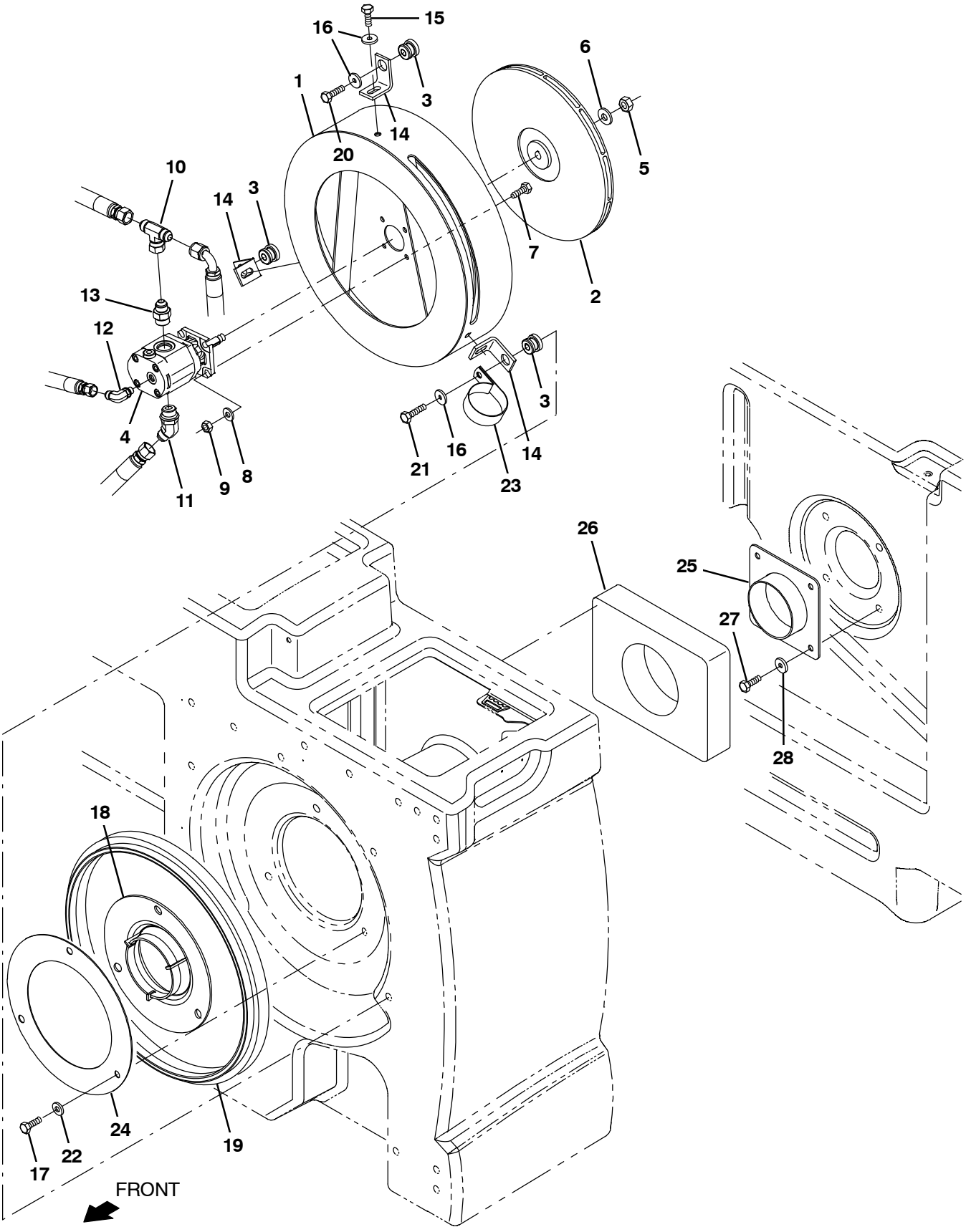


354519 – T20

Fig. 47 – Recovery Tank Drain Group

	Ref.	Part No.	Serial Number		Description	Qty.
	1	1026142	(008000–	)	Handle, Valve, Pinch, Lh	1
	2	1023502	(008000–	)	Grip, Handle	1
	3	1024599	(008000–	)	Bushing, Eccentric, Adj	1
	4	1026051	(008000–	)	Washer, Flat, 0.79b 1.18d .06, Nyl	1
	5	74090	(008000–	)	Bushing, Sleeve, 0.75b 0.88d 0.25l	1
	6	79506	(008000–	)	Screw, Flt, M8 X 1.25 X 30, Ss	1
	7	1028701	(008000–	)	Washer, Thrust, 0.34b 1.50d .06	1
	8	15648	(008000–	)	Bushing, Flng, 0.50b 0.59d 0.38l	1
	9	1028691	(008000–	)	Roller, Brg	1
	10	1028690	(008000–	)	Tube, 0.50d 0.32b 00.4l, Ss	1
	11	39349	(008000–	)	Washer, Flat, 0.31, Sae	1
	12	08713	(008000–	)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	9
	13	1042010	(008000–	)	Mount Wldt, Valve, Pinch, Lh	1
	14	39277	(008000–	)	Screw, Hex, M8 X 1.25 X 25, 8.8	1
	15	222516	(008000–	)	Sleeve, P/M, 0.31b 0.50d 0.3l [430ss]	1
	16	32491	(008000–	)	Washer, Flat, 0.31, Std	10
	17	08713	(008000–	)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	3
	18	1024535	(008000–	)	Arm, Pinch	1
	19	06955	(008000–	)	Screw, Hex, M8 X 1.25 X 35, 8.8	2
	20	80395	(008000–	)	Sleeve, P/M, 0.31b 0.50d 0.7l [430ss]	1
	21	76570	(008000–	)	Screw, Hex, M8 X 1.25 X 30, 8.8	1
	22	41186	(008000–	)	Washer, Flat, Belleville, .31	1
	23	9003794	(008000–	)	Tube Kit, Tank, Recvy, Replmt	1
	24	1019424	(008000–	)	Hose, Drain, 3.00id X 48.0l	1
	25	23498	(008000–	)	Clamp, Hose, Wormdrive, 3.56–4.50d, .50w	1
	26	1025449	(008000–	)	Angle, Mtg, Valve	2
	27	1025452	(008000–	)	Angle, Mtg, Stl, .12 3.7 3.4 09.1l	2
	28	09740	(008000–	)	Screw, Hex, M8 X 1.25 X 20, Ss	4
	29	1017218	(008000–	)	Washer, Flat, 0.32b 1.00d .12, Ss	4
	30	09010	(008000–	)	Screw, Hex, M8 X 1.25 X 25, Ss	4
	31	1022137	(008000–	)	Plug, Hose, Pyu	1
	32	1025480	(008000–	)	Bracket, Retaining, Hose	1
	33	15675	(008000–	)	Screw, Hex, M8 X 1.25 X 16, Ss	1
	34	1020744	(008000–	)	Tube, Rnd, 3.00d 2.90b 02.0l, Ss	1
	35	43555	(008000–	)	Clamp, Hose, Wormdrive, 2.50–3.50d, .50w	2
▽		9003313	(008000–	)	Plug Kit, Drain, Recvy, Ci [M20 & T20]	1
▲	36	1022370	(008000–	)	Plug, Drain, Expandable, 4.75–6.00	1
▲	37	1028328	(008000–	)	Tube Wldt, Plug, Drain	1
▲	38	1028173	(008000–	)	Pin, Lift, Drain	1
▲	39	1072885	(008000–	)	Tube Assy, Plug, Drain	1
▲	40	1028522	(008000–	)	Washer, Flat, .78b 1.75d .18, Ss	1
▲	41	1028211	(008000–	)	Handle Wldt, Drain	1
▲	42	58979	(008000–	)	Screw, Hex, M6 X 1.0 X 55, Ss	1
▲	43	08712	(008000–	)	Nut, Hex, Lock, M6 X 1.0, Ss, Nl	1
▲	44	360801	(008000–	)	Sleeve, 0.31b 0.50d 0.3l, Ss	2
▲	45	1035044	(008000–	)	Seal, Shaft, Drain Plug	1
▲	46	1039652	(008000–	)	Seal, Plug, Drain, Nitrile	1

Fig. 48 – Vacuum Fan Group, Scrubbing

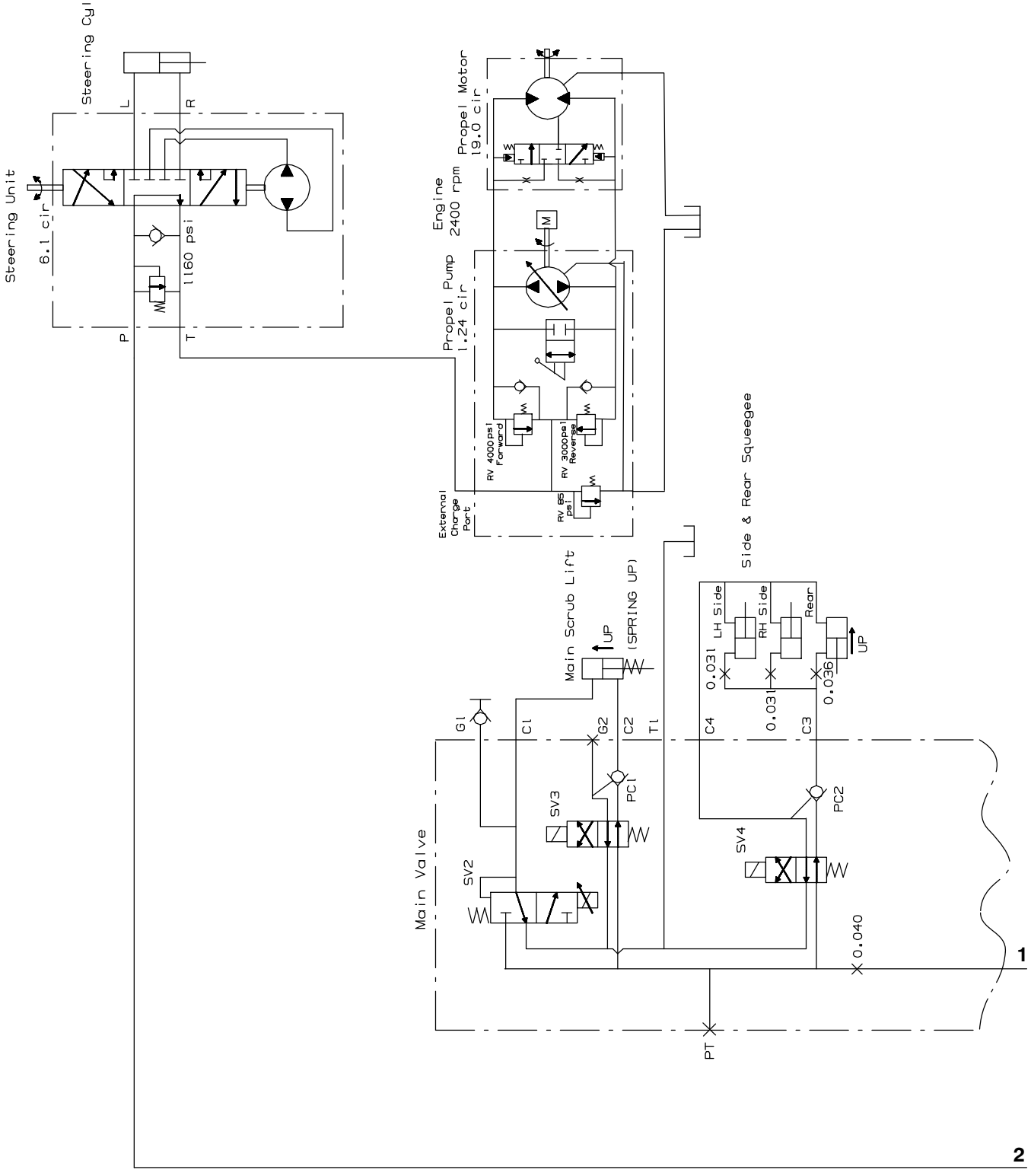


356556 – T20

Fig. 48 – Vacuum Fan Group, Scrubbing

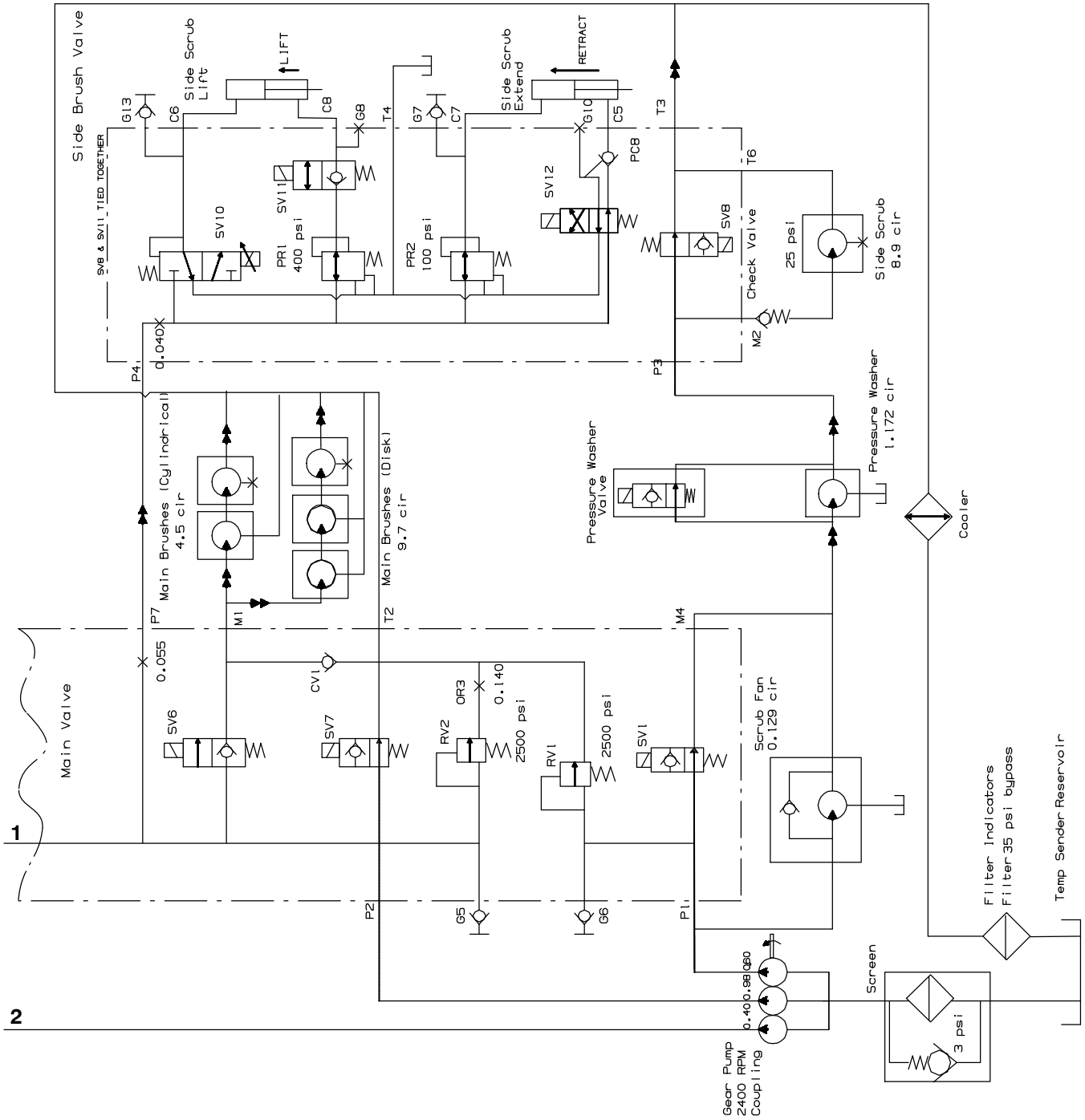
	Ref.	Part No.	Serial Number	Description	Qty.
▽		9016241	(008000–)	Fan Kit, Scb, Replmt [M20/T20/M30]	1
▲	1	1068611	(008000–)	Plate Wldt, Mtg, Fan	1
▲	2	1062033	(008000–)	Impeller, 11.81d X 0.500b	1
▲	3	54274	(008000–)	Isolator, Vib, Bshg, 1.1d 0.6l .4b 0.78h	3
▲▽		9016242	(008000–)	Motor Kit, Replmt [M20/T20/M30]	1
▲▲	4	1076027	(008000–)	Motor, Hyd, Gear, Ext 0.17 Lh 3000	1
▲▲	5	07788	(008000–)	Nut, Hex, Std, M12 X 1.75, Ss	1
▲▲	6	36328	(008000–)	Washer, Flat, Belleville, .50	1
▲▲	7	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	4
▲▲	8	01685	(008000–)	Washer, Flat, 0.38b 0.88d .08, Ss	4
▲▲	9	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	4
▲▲	10	76315	(008000–)	Fitting, Hyd, Tee, Jf08/Jm08/Jm08, Br	1
▲▲	11	47513	(008000–)	Fitting, Hyd, E45, Jm08/Om10	1
▲▲	12	77098	(008000–)	Fitting, Hyd, E90, Jm06/Om04	1
▲▲	13	56692	(008000–)	Fitting, Hyd, Str, Jm08/Om10	1
▲	14	1068644	(008000–)	Angle, Sppt, Fan	3
▲	15	39277	(008000–)	Screw, Hex, M8 X 1.25 X 25, 8.8	3
▲	16	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	6
▲	17	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	3
▲	18	1059100	(008000–)	Housing, Fan, Radial Discharge, Sq Inlet	1
▲	19	1031617	(008000–)	Seal, Afmkt, Bulb, Str, .75d F/07ga 08ft	1
▲	20	09011	(008000–)	Screw, Hex, M8 X 1.25 X 30, Ss	2
▲	21	09023	(008000–)	Screw, Hex, M8 X 1.25 X 35, Fl, Ss	1
▲	22	01685	(008000–)	Washer, Flat, 0.38b 0.88d .08, Ss	3
	23	70157	(008000–)	Clamp, Cable, Ss, 2.50d X 1.00w, 1hole	1
	24	1074577	(008000–)	Plate, Rnd	1
	25	1023754	(008000–)	Plate Wldt, Hose, Vacuum	1
	26	1074414	(008000–)	Gasket, 2.00, 10.0w 13.0l, Adh	1
	27	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	4
	28	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	4

Fig. 49 – Hydraulic Schematic



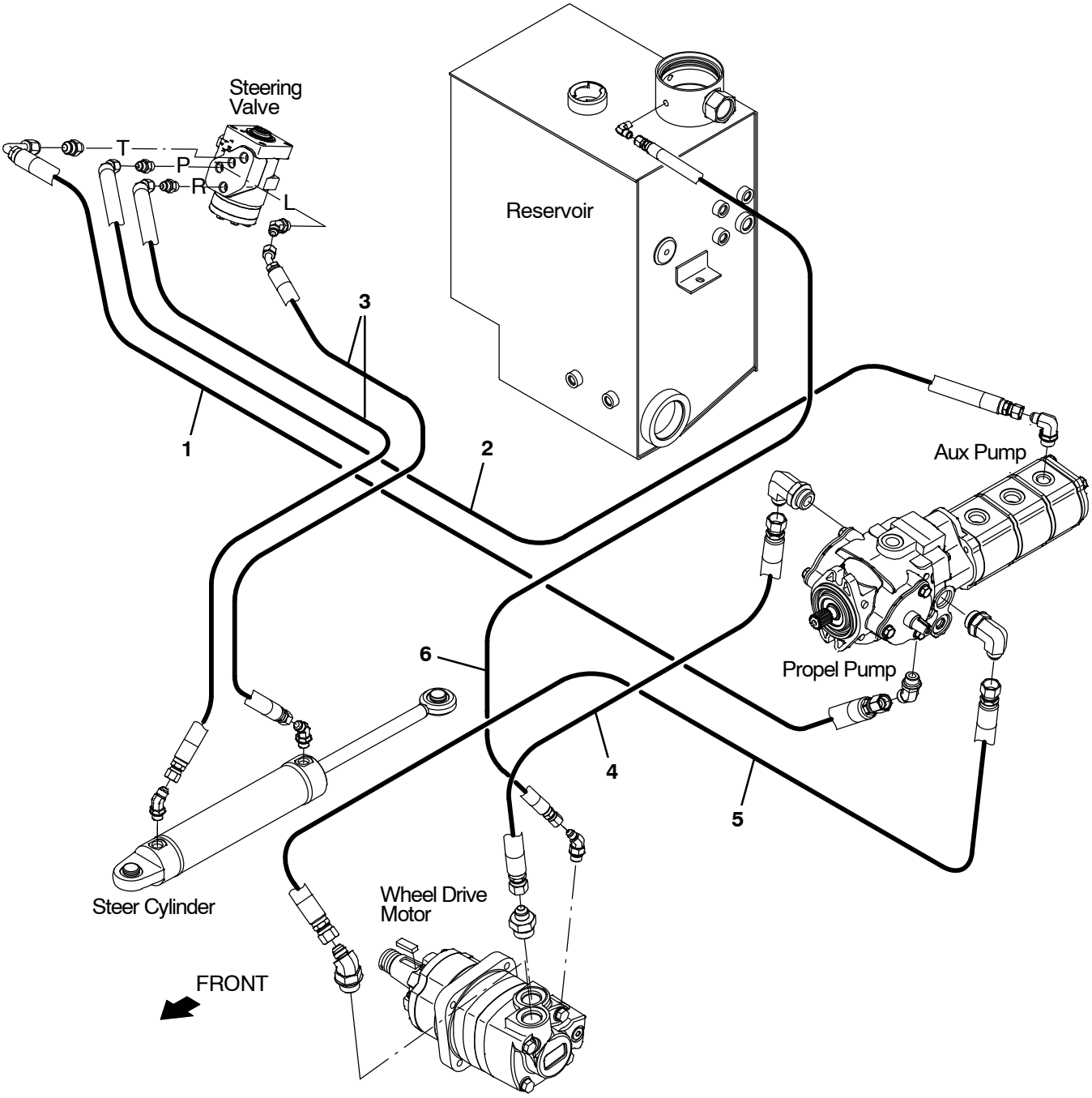
354520 – T20

Fig. 49 – Hydraulic Schematic



354520 – T20

Fig. 50 – Hydraulic Hose Group, Steering and Propel

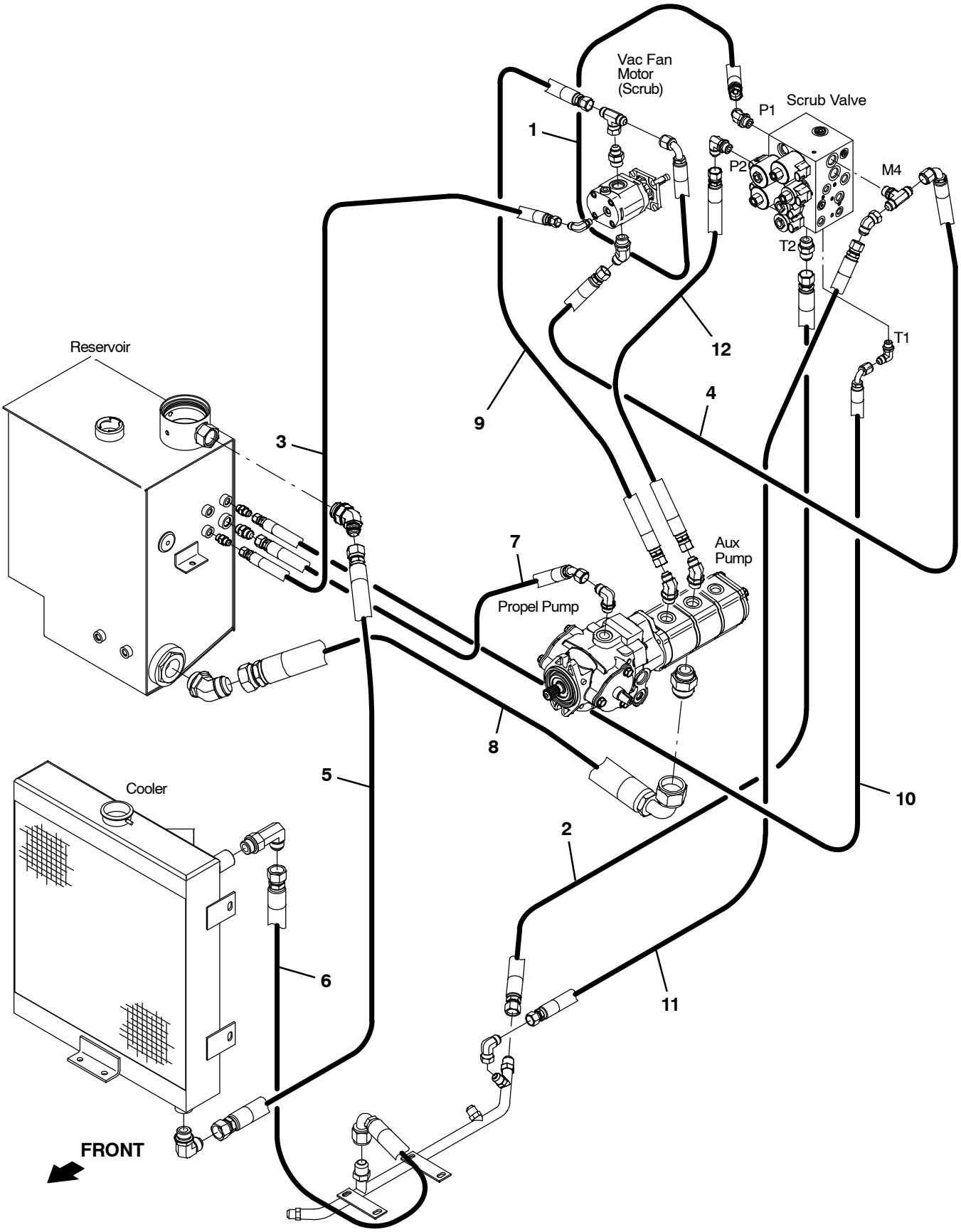


354392 – D

Fig. 50 – Hydraulic Hose Group, Steering and Propel

Ref.	Part No.	Serial Number	Description	Qty.
1	1229745	(008000–)	Hose, Hyd, Tc08, Jfoee90/Jf08str, 96	1
2	1226062	(008000–)	Hose, Hyd, Tc06, Jf06e45/Jf06str, 110.0	1
3	1226063	(008000–)	Hose, Hyd, Tc06, Jf06e45/Jf06str, 45.0	2
4	1038569	(008000–013041)	Hose, Hyd, Spcl, Jf10str/Jf10str, 56.5 (Replaced by 1039148)	1
4	1039148	(013042–)	Hose Kit, Hyd, Propel, Ci [M20/T20]	1
5	1023488	(008000–013041)	Hose, Hyd, Spcl, Jf10e90/Jf10str, 63.0 (Replaced by 1262760)	1
5	1262760	(013042–)	Hose, Hyd, Spcl, Jf08str/Jf08str, 056.5	1
6	1030404	(008000–)	Hose, Hyd,Med04, Jf04str/Jf04str, 066.0	1

Fig. 51 – Hydraulic Hose Group, Pump and Vacuum Fan

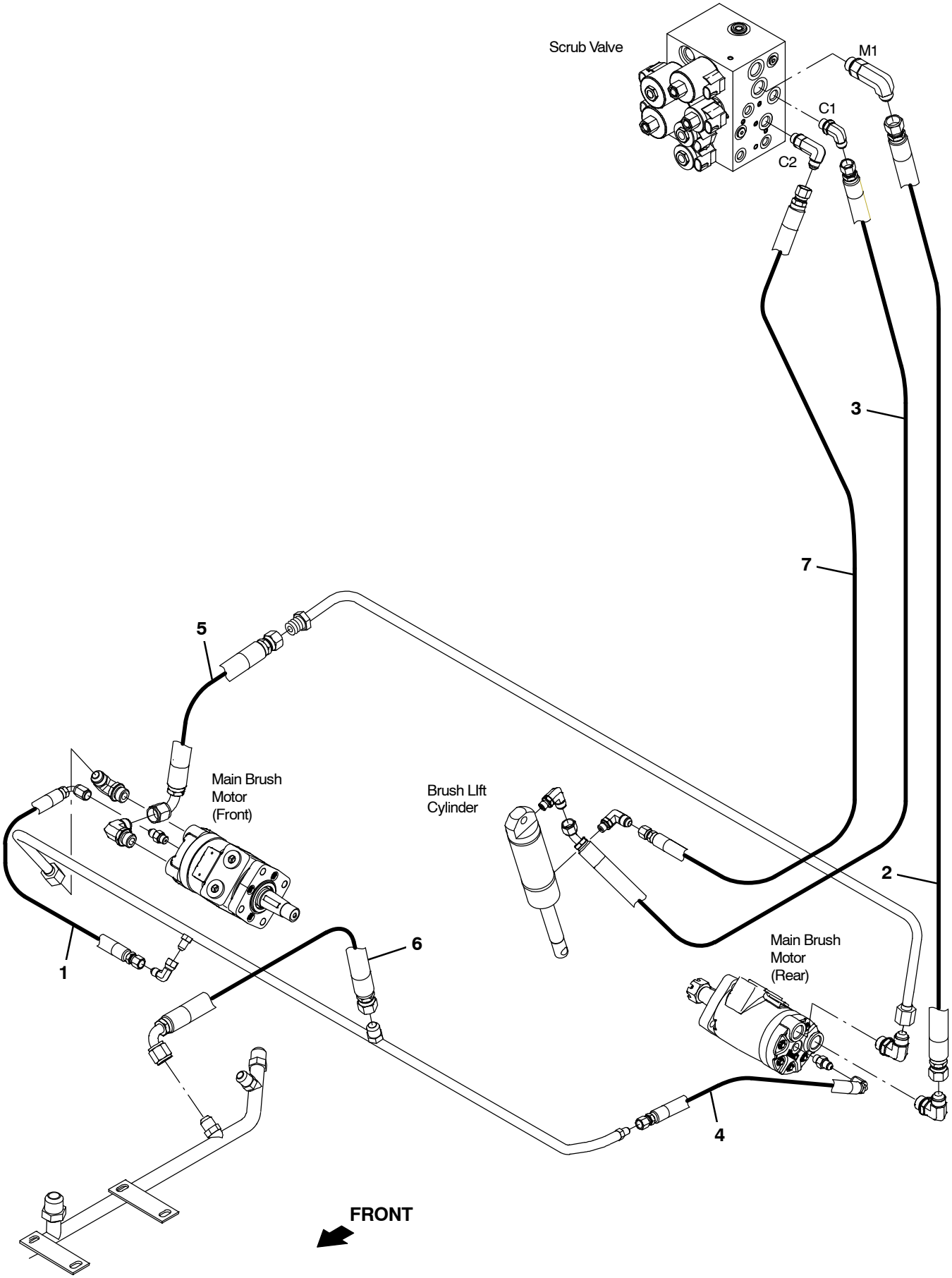


354401 – T20, D

Fig. 51 – Hydraulic Hose Group, Pump and Vacuum Fan

Ref.	Part No.	Serial Number	Description	Qty.
1	71741	(008000–)	Hose, Hyd, Tc08, Jf08e90/Jf08str, 046.0	1
2	65197	(008000–)	Hose, Hyd, Med08, Jf08e90/Jf08str, 062.0	1
3	396273	(008000–)	Hose, Hyd, Med06, Jf06str/Jf06str, 033.0	1
4	396255	(008000–)	Hose, Hyd, Tc08, Jf08str/Jf08e90, 031.0	1
5	1052834	(008000–)	Hose, Hyd, Med12, Jf12str/Jf12str, 060.0	1
6	1050436	(008000–)	Hose, Hyd, Med12, Jf12e90/Jf12str, 029.0	1
7	1023607	(008000–)	Hose, Hyd, Med08, Jf08str /Jf08e45, 21.0	1
8	34351	(008000–)	Hose, Hyd, Suc20, Jf20e90/Jf20str, 032.0	1
9	1026645	(008000–)	Hose, Hyd, Tc08, Jf08E45/Jf08Str, 026.0	1
10	71735	(008000–)	Hose, Hyd, Med06, Jf06e90/Jf06str, 042.0	1
11	1025547	(008000–)	Hose, Hyd, Med10, Jf10str/Jf10str, 41.0	1
12	1023606	(008000–)	Hose, Hyd, Tc08, Jf08Str/Jf08Str, 021.0	1

Fig. 52 – Hydraulic Hose Group, Cylindrical Brush

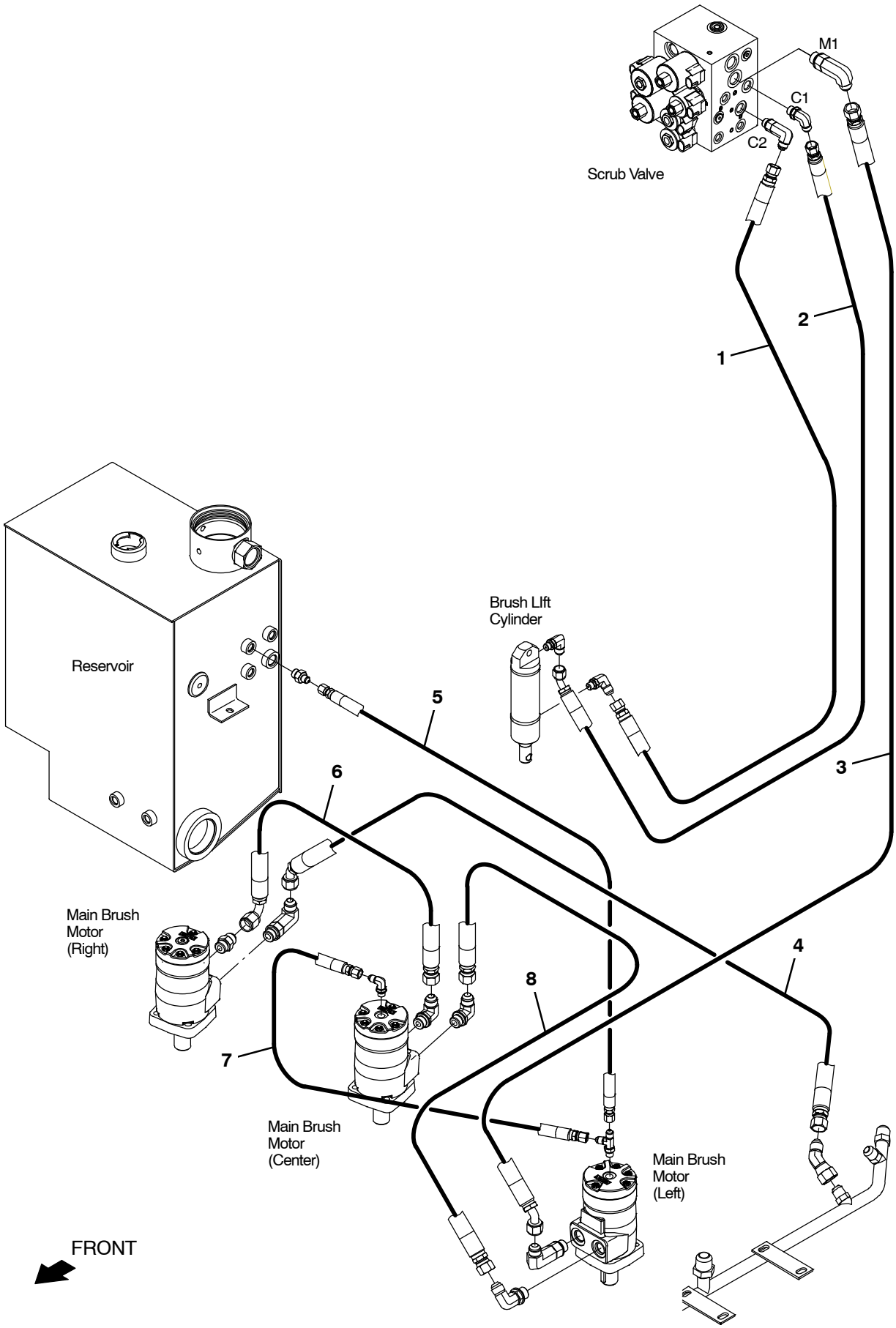


354402 – T20

Fig. 52 – Hydraulic Hose Group, Cylindrical Brush

Ref.	Part No.	Serial Number	Description	Qty.
1	387281	(008000–)	Hose, Hyd, Tc04, Jf04e90/Jf04str, 020.0	1
2	1024764	(008000–)	Hose, Hyd, Tc08, Jf08str/Jf08str, 48.0	1
3	1023769	(008000–)	Hose, Hyd, Tc 06, Jf06str /Jf06e45, 56.0	1
4	57946	(008000–)	Hose, Hyd, Med04, Jf04e90/Jf04str, 016.0	1
5	1025544	(008000–)	Hose, Hyd, Tc08, Jf08e90/Jf08str, 13.0	1
6	381857	(008000–)	Hose, Hyd, Tc08, Jf08e90/Jf08str, 018.0	1
7	1036939	(008000–)	Hose, Hyd, Tc06, Jf06Str/Jf06Str, 054.0	1

Fig. 53 – Hydraulic Hose Group, Disk Brush

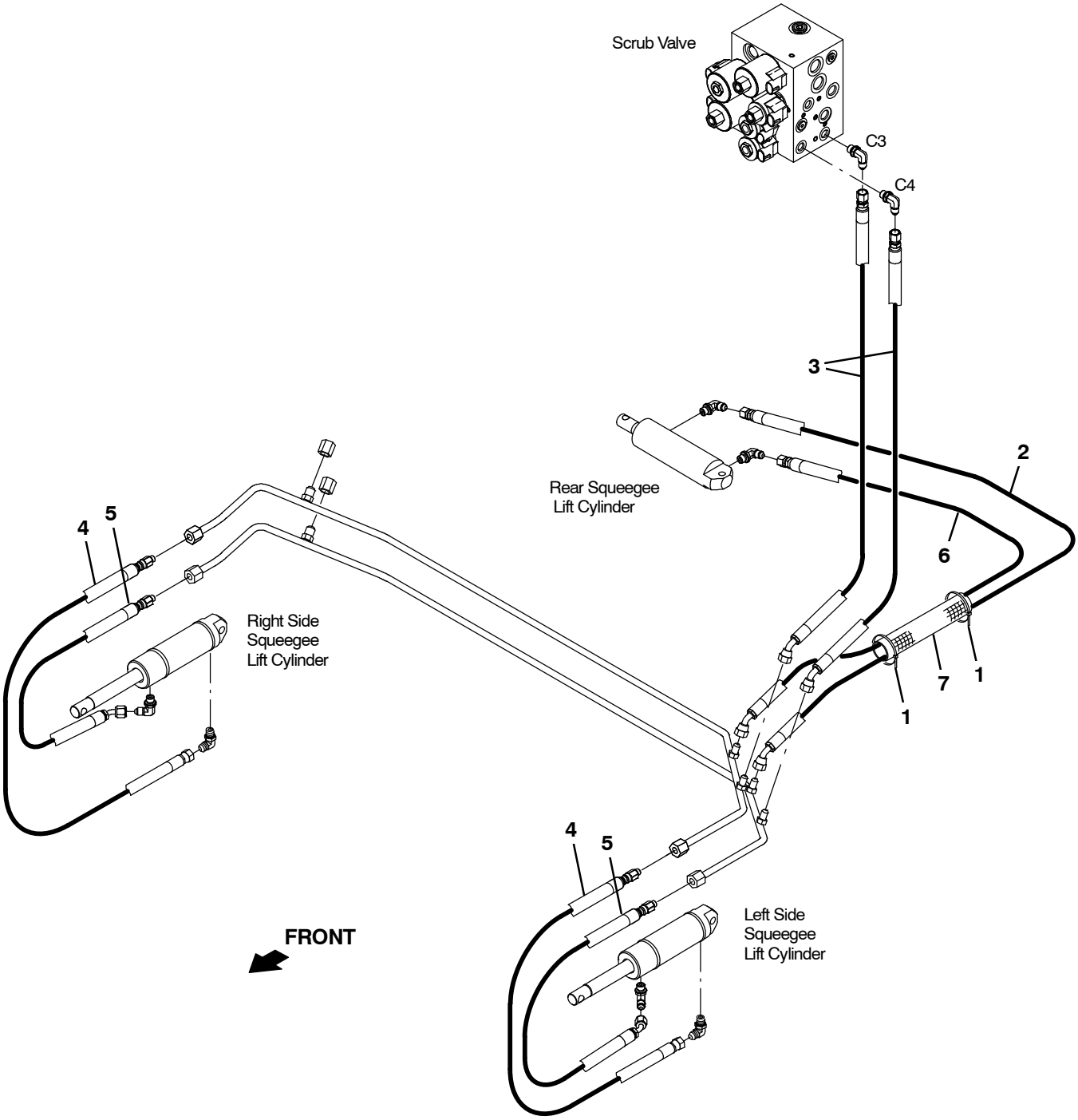


354403 – T20

Fig. 53 – Hydraulic Hose Group, Disk Brush

Ref.	Part No.	Serial Number	Description	Qty.
1	1036939	(008000–)	Hose, Hyd, Tc06, Jf06str/Jf06str, 54.0	1
2	1023769	(008000–)	Hose, Hyd, Tc 06, Jf06str/Jf06e45, 56.0	1
3	381854	(008000–)	Hose, Hyd, Tc08, Jf08e45/Jf08str, 052.0	1
4	16462	(008000–)	Hose, Hyd, Med08, Jf08e45/Jf08str, 046.0	1
5	381866	(008000–)	Hose, Hyd, Tc04, Jf04str/Jf04str, 036.0	1
6	396278	(008000–)	Hose, Hyd, Tc08, Jf08e90/Jf08str, 020.0	1
7	381866	(008000–)	Hose, Hyd, Tc04, Jf04str/Jf04str, 036.0	1
8	365009	(008000–)	Hose, Hyd, Tc08, Jf08str/Jf08str, 040.0	1

Fig. 54 – Hydraulic Hose Group, Squeegee Lift

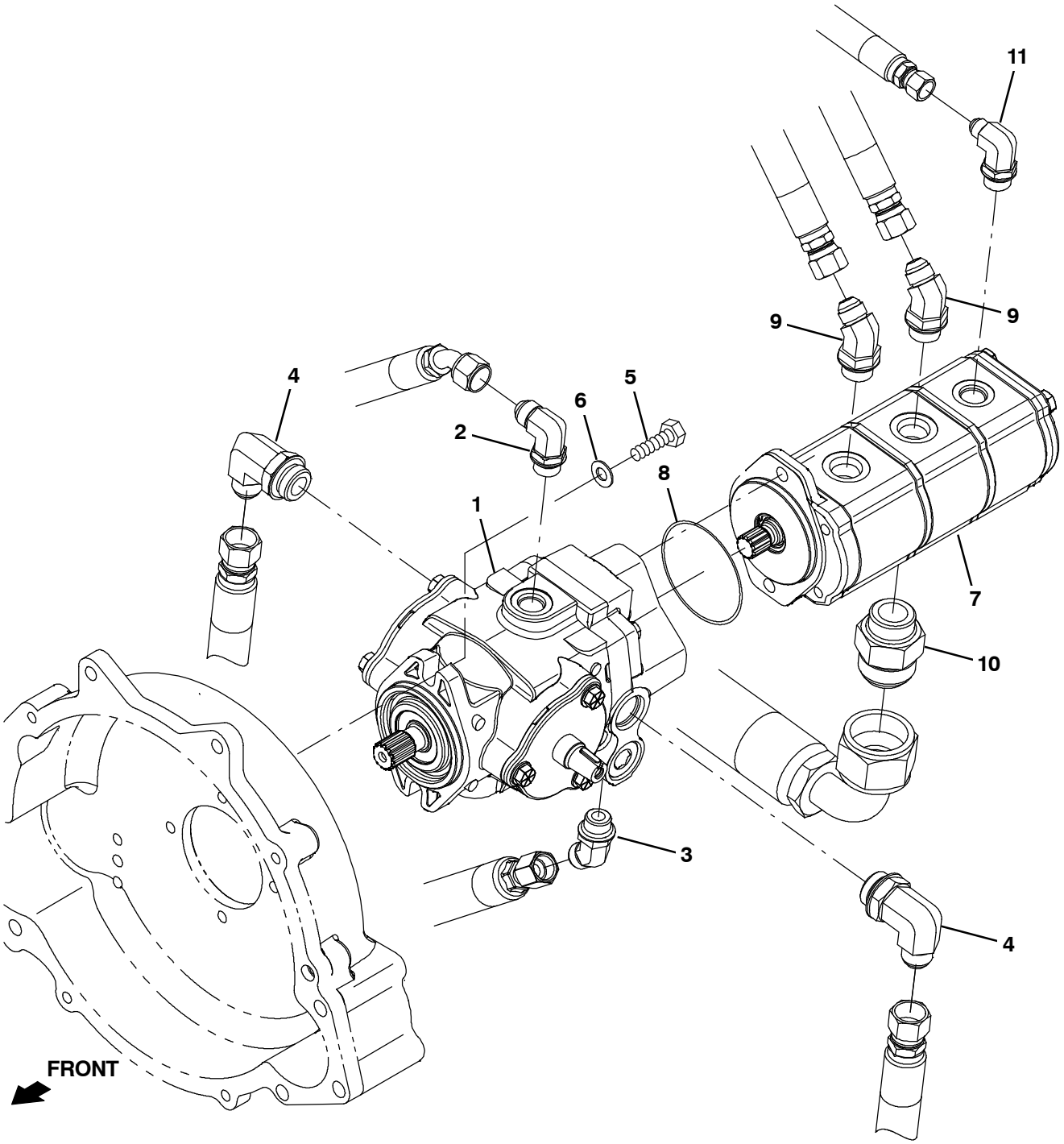


354404 – T20

Fig. 54 – Hydraulic Hose Group, Squeegee Lift

Ref.	Part No.	Serial Number	Description	Qty.
1	49266	(008000–)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
2	1055588	(008000–)	Hose, Hyd, Tc04, Jf04e45/Jf04str, 044.0	1
3	1030709	(008000–)	Hose, Hyd,Tc 04, Jf04str /Jf04e45 , 35.0	2
4	1263336	(008000–)	Hose, Hyd, Tc04, Jf04Str/Qm06, 028.0	2
5	1263337	(008000–)	Hose, Hyd, Tc04, Jf04E45/Qm06, 024.0	2
6	1055590	(008000–)	Hose, Hyd, Tc04, Jf04e45/Jf04str, 048.0	1
7	57223	(008000–)	Sleeve, Nyl, 1.22id 14.0l	1

Fig. 55 - Hydraulic Pumps Group

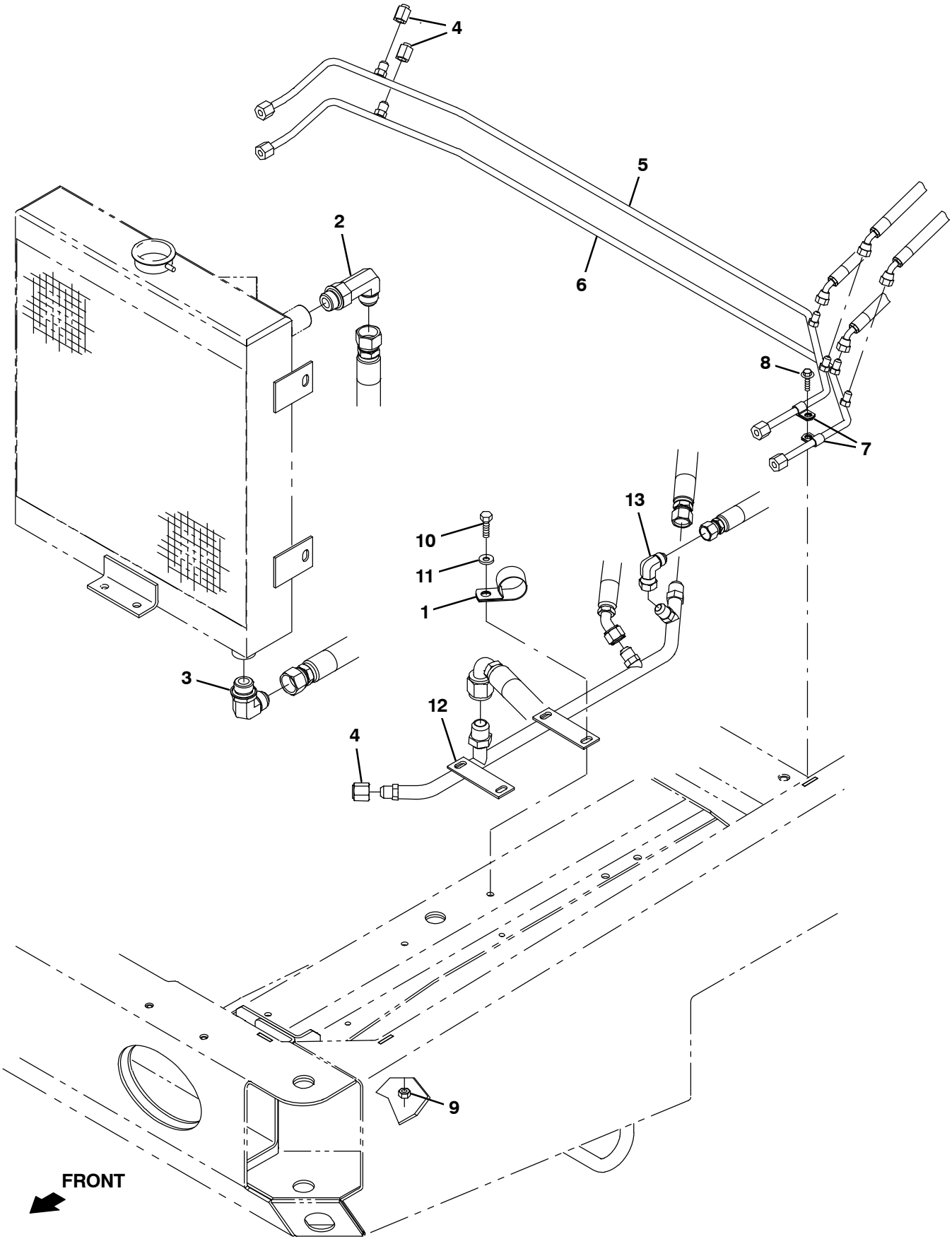


356689 - D

Fig. 55 - Hydraulic Pumps Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1024251	(008000-)	Pump, Hyd, Piston, Var, 1.24 4000, Cw (See Breakdowns)	1
2	44868	(008000-)	Fitting, Hyd, E90, Jm08/Om08	1
3	42226	(008000-)	Fitting, Hyd, E45, Jm08/Om08	1
4	53076	(008000- 013041)	Fitting, Hyd, E90, Jm10/Om12	2
4	47655	(013042-)	Fitting, Hyd, E90, Jm08/Om12	2
5	39283	(008000-)	Screw, Hex, M10 X 1.50 X 25, 8.8	2
6	32485	(008000-)	Washer, Flat, 0.38 Sae	2
7	9007142	(008000-)	Pump Kit, Mtg, Aux, Ci [M20 & T20]	1
8	65145- 1	(008000-)	Seal, Org, .069 X 3.06id	1
9	47513	(008000-)	Fitting, Hyd, E45, Jm08/Om10	2
10	67811	(008000-)	Fitting, Hyd, Str, Jm20/Om16	1
11	47512	(008000-)	Fitting, Hyd, E90, Jm06/Om08	1
12	54017	(008000- 013041)	Fitting, Hyd, E45, Jf10/Jm10	1

Fig. 56 – Hydraulic Cooler and Tubes Group

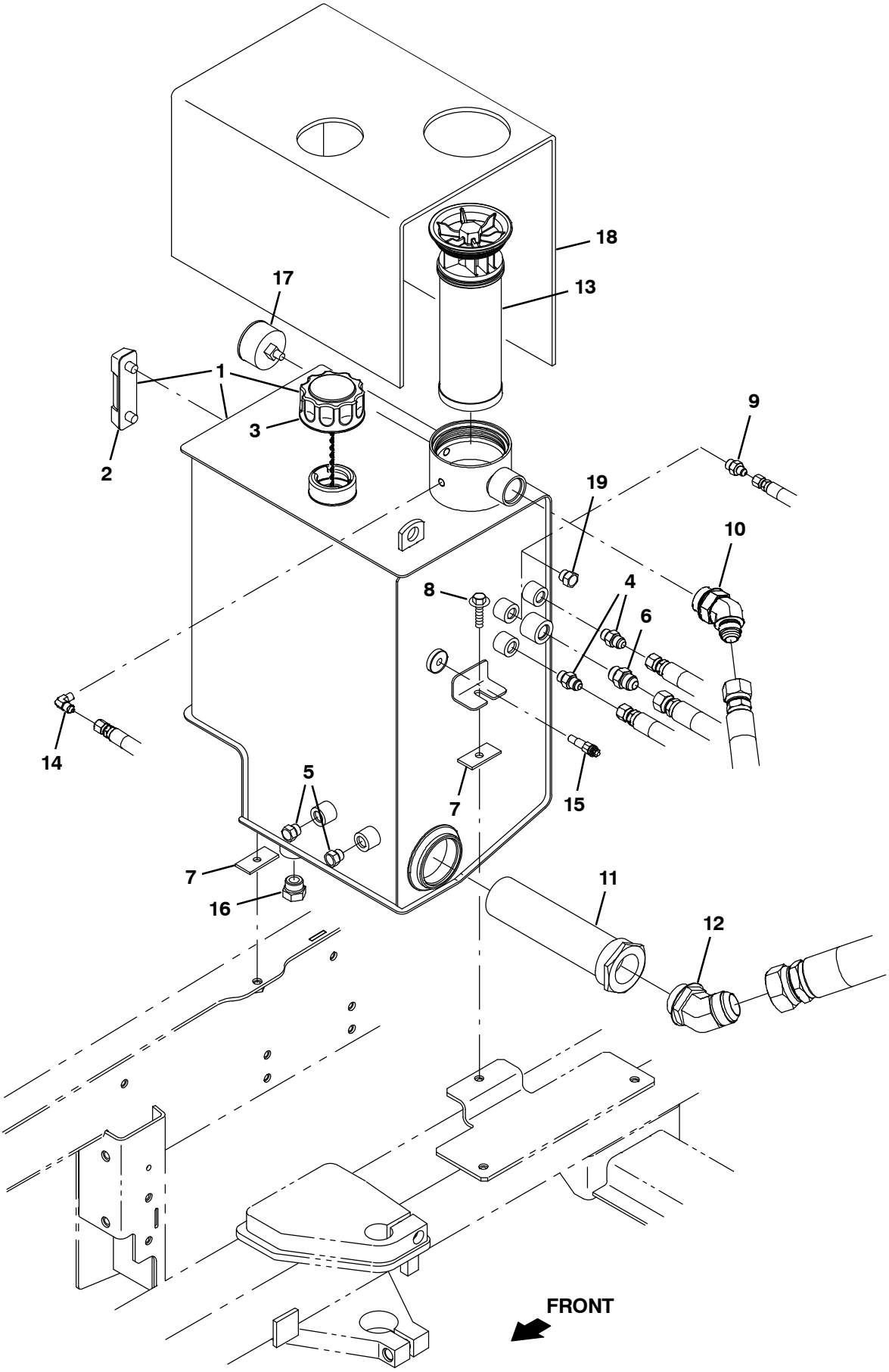


354521 – T20

Fig. 56 – Hydraulic Cooler and Tubes Group

Ref.	Part No.	Serial Number	Description	Qty.
1	53466	(008000–)	Clamp, Cable, Stl, 1.50d X 1.00w, 1h	1
2	46481	(008000–)	Fitting, Hyd, E90, Jm12/Om12	1
3	62471	(008000–)	Fitting, Hyd, E90, Jm12/Om12, L	1
4	40625	(008000–)	Fitting, Hyd, Cap, Jf06	3
5	1028821	(008000–)	Tube, Hyd, Sqge	1
6	1028822	(008000–)	Tube, Hyd, Sqge	1
7	40678	(008000–)	Clamp, Cable, Stl, 0.44d X 0.62w, 1h	2
8	74455	(008000–)	Screw, Hex, M6 X 1.0 X 12, Fmg	1
9	41430	(008000–)	Nut, Hex, Lock, M10 X 1.5, Nl	2
10	39277	(008000–)	Screw, Hex, M8 X 1.25 X 25, 8.8	2
11	32491	(008000–)	Washer, Flat, 0.31, Std	2
12	1071173	(008000–)	Tube, Hyd, Main Return [G/Lp Mit2013]	1
13	17980	(008000–)	Fitting, Hyd, E90, Jf08/Jm08	1

Fig. 57 – Hydraulic Reservoir Group

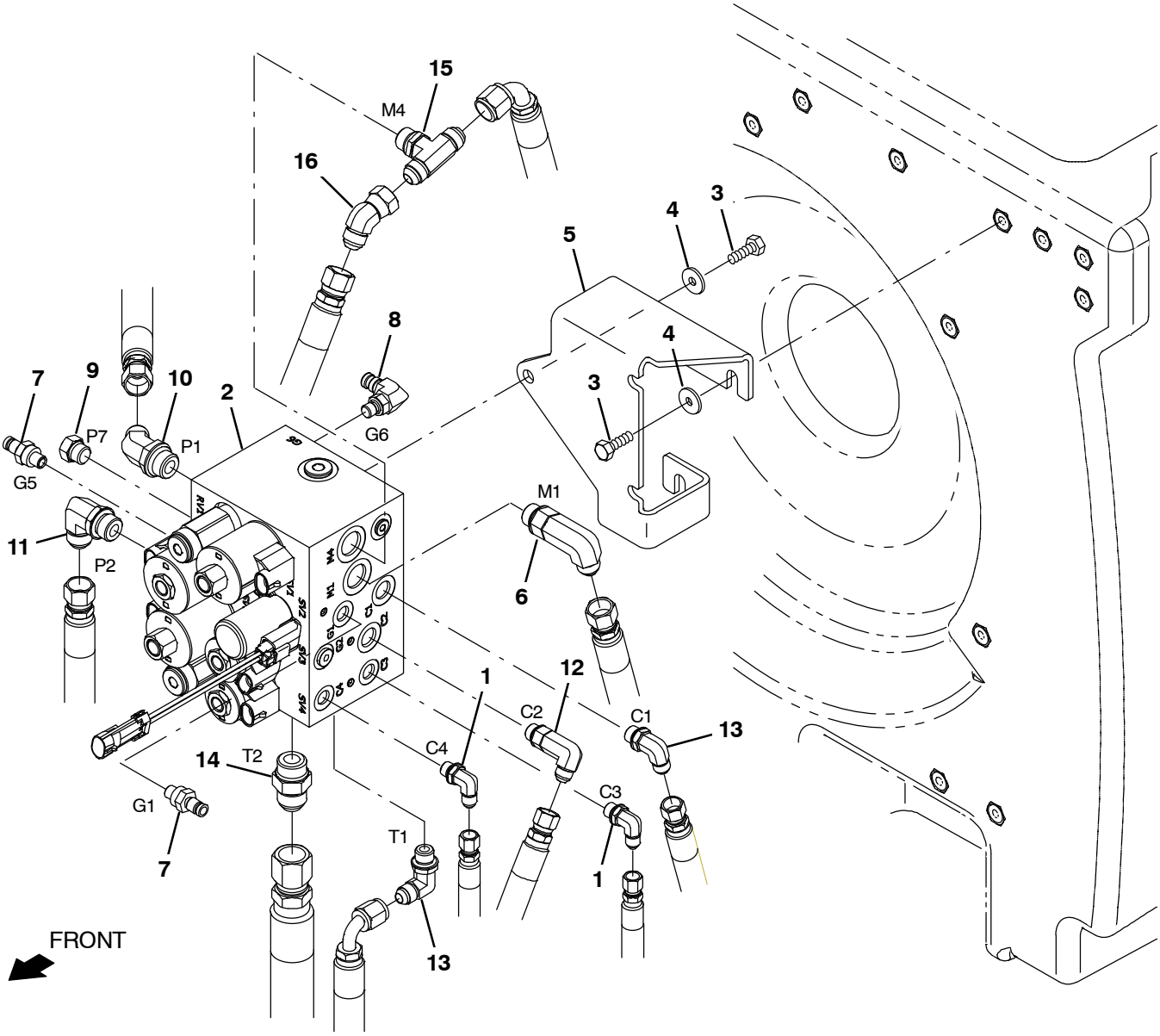


354522 – T20, NA

Fig. 57 – Hydraulic Reservoir Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	9002398	(008000–)	Reservoir, Hyd, 10.0Gal, Replmt	1
▲	2	65215	(008000–)	Gauge, Sensing, Level	1
▲	3	1018289	(008000–)	Cap, Breather, Hyd, W Chain	1
	4	56690	(008000–)	Fitting, Hyd, Str, Jm06/Om06	2
	5	46482	(008000–)	Fitting, Hyd, Plug, Om06	2
	6	44869	(008000–)	Fitting, Hyd, Str, Jm08/Om08	1
	7	1040318	(008000–)	Pad, Tank, Hyd [W/Psa]	2
	8	1037354	(008000–)	Screw, Hex, M8 X 1.25 X 30, 9.8, Sems	2
	9	55685	(008000–)	Fitting, Hyd, Str, Jm04/Om06 (Disk Scrub Head Only)	1
	10	1023545	(008000–)	Fitting, Hyd, E45, Jm12/Om16	1
	11	31613	(008000–)	Strainer, Hyd, 25gpm 100mesh Psi	1
	12	71726	(008000–)	Fitting, Hyd, E45, Jm20/Om20	1
	13	1021579	(008000–)	Filter Assy, Hyd, 10mic	1
	14	55455	(008000–)	Fitting, Hyd, E90, Jm04/Pm02	1
	15	58592	(008000–)	Send–Unit, Water, Temp, 04npt 113oh/195d	1
	16	40362	(008000–)	Fitting, Hyd, Plug, Om10	1
	17	1025132	(008000–)	Indicator, Press, 60psi	1
	18	1034878	(008000–)	Insulation, Thermal, Hydraulic Blanket	1
	19	46482	(008000–)	Fitting, Hyd, Plug, Om06 (Cylindrical Scrub Head Only)	1

Fig. 58 – Hydraulic Valve Group

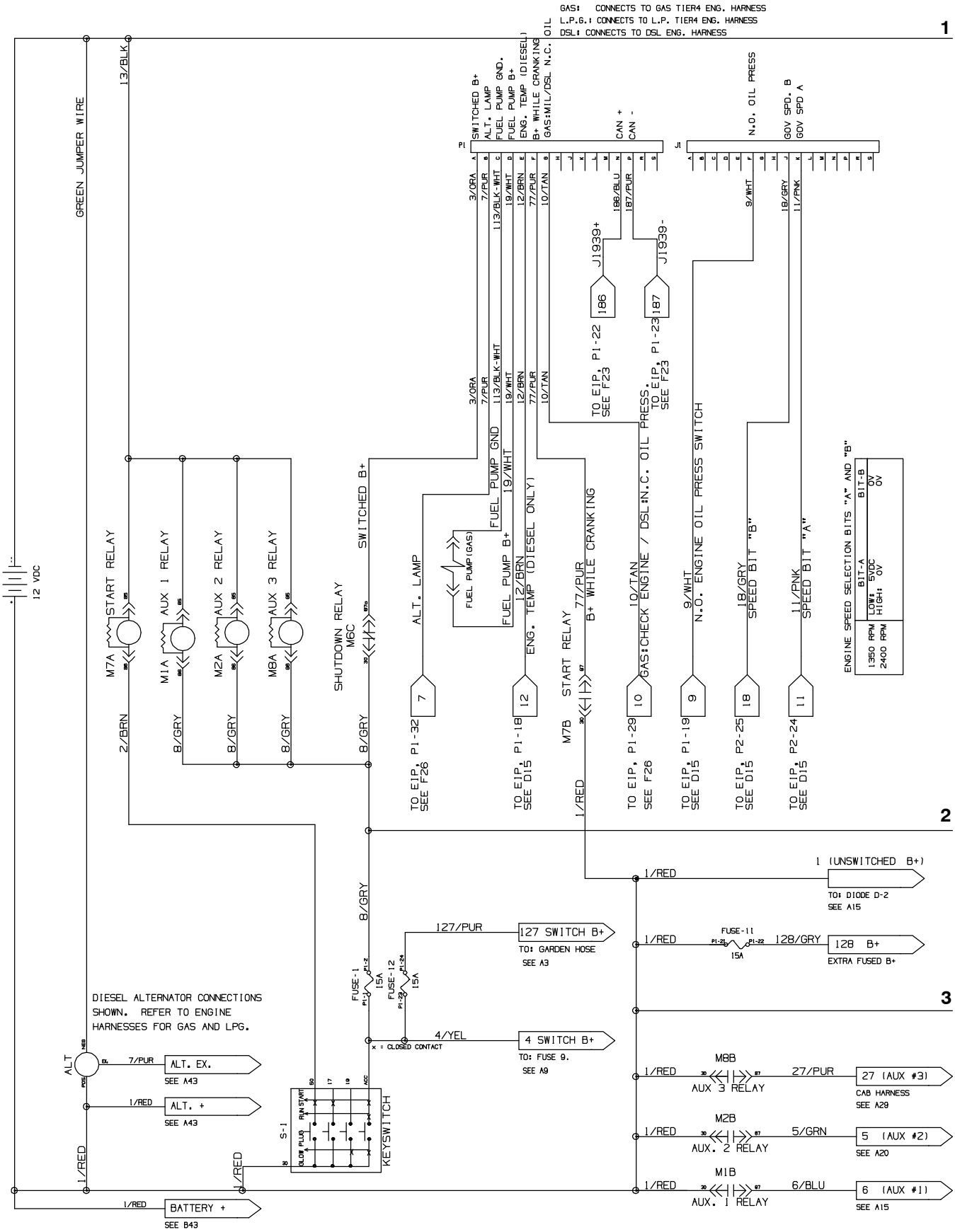


354523 – T20

Fig. 58 – Hydraulic Valve Group

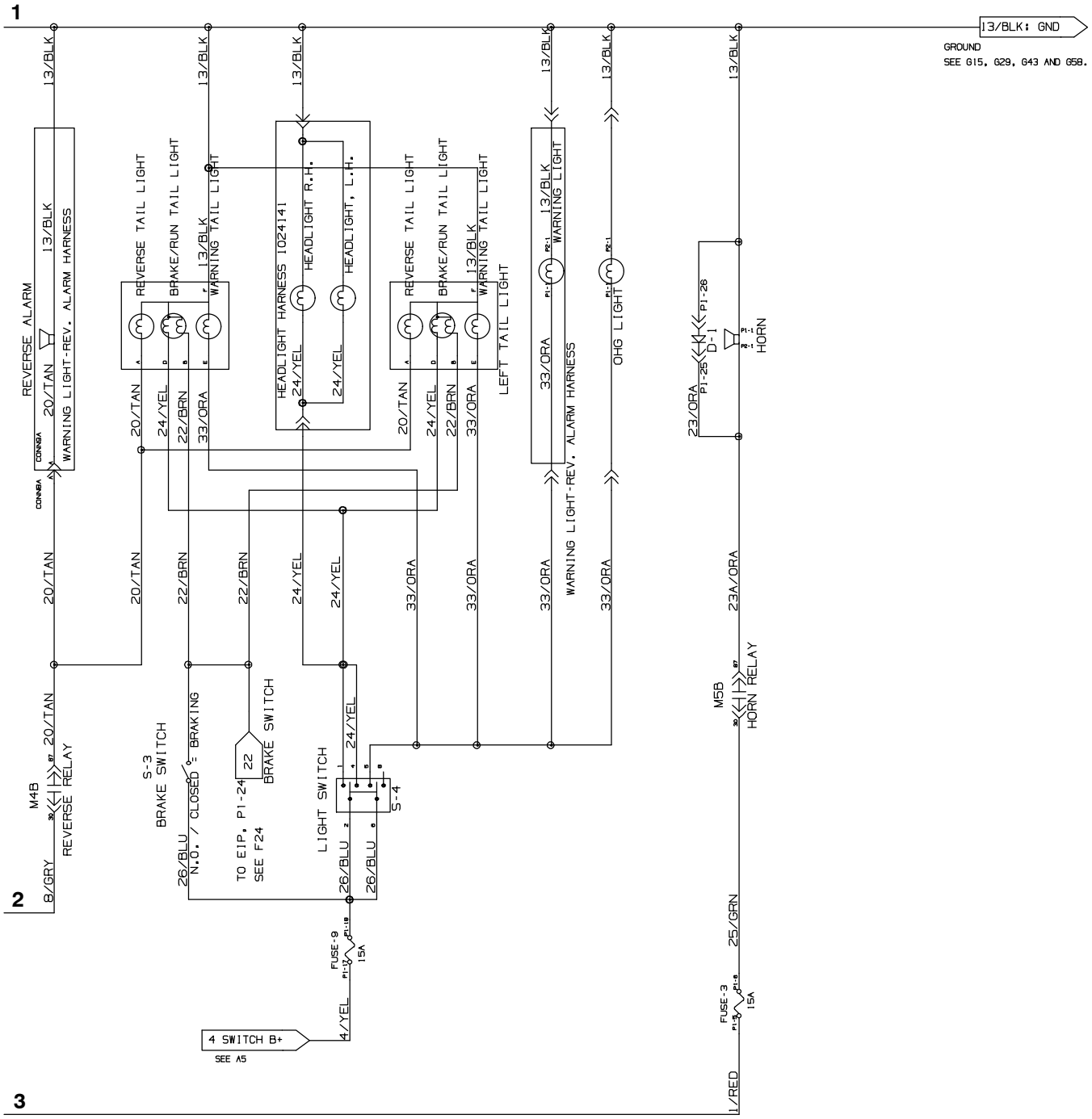
Ref.	Part No.	Serial Number	Description	Qty.
1	77097	(008000–)	Fitting, Hyd, E90, Jm04/Om04	2
2	1072996	(008000–)	Valve, Cntrl, Hyd, Solenoid, 12vdc 08gpm (See Breakdowns)	1
3	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	6
4	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	6
5	1021991	(008000–)	Bracket, Mtg, Valve, Hyd, Scb	1
6	69173	(008000–)	Fitting, Hyd, E90, Jm08/Om08, Long	1
7	395973	(008000–)	Fitting, Hyd, Str, Om04/Qm04	2
8	395974	(008000–)	Fitting, Hyd, E90, Om04/Qm04	1
9	46482	(008000–)	Fitting, Hyd, Plug, Om06	1
10	42226	(008000–)	Fitting, Hyd, E45, Jm08/Om08	1
11	44868	(008000–)	Fitting, Hyd, E90, Jm08/Om08	1
12	71727	(008000–)	Fitting, Hyd, E90, Jm06/Om06, Long	1
13	56820	(008000–)	Fitting, Hyd, E90, Jm06/Om06	2
14	46480	(008000–)	Fitting, Hyd, Str, Jm10/Om10	1
15	49933	(008000–)	Fitting, Hyd, Tee, Jm08/Jm08/Om08, Br	1
16	07797	(008000–)	Fitting, Hyd, E45, Jf08/Jm08	1

Fig. 59 – Electrical Schematic (008000–013000)



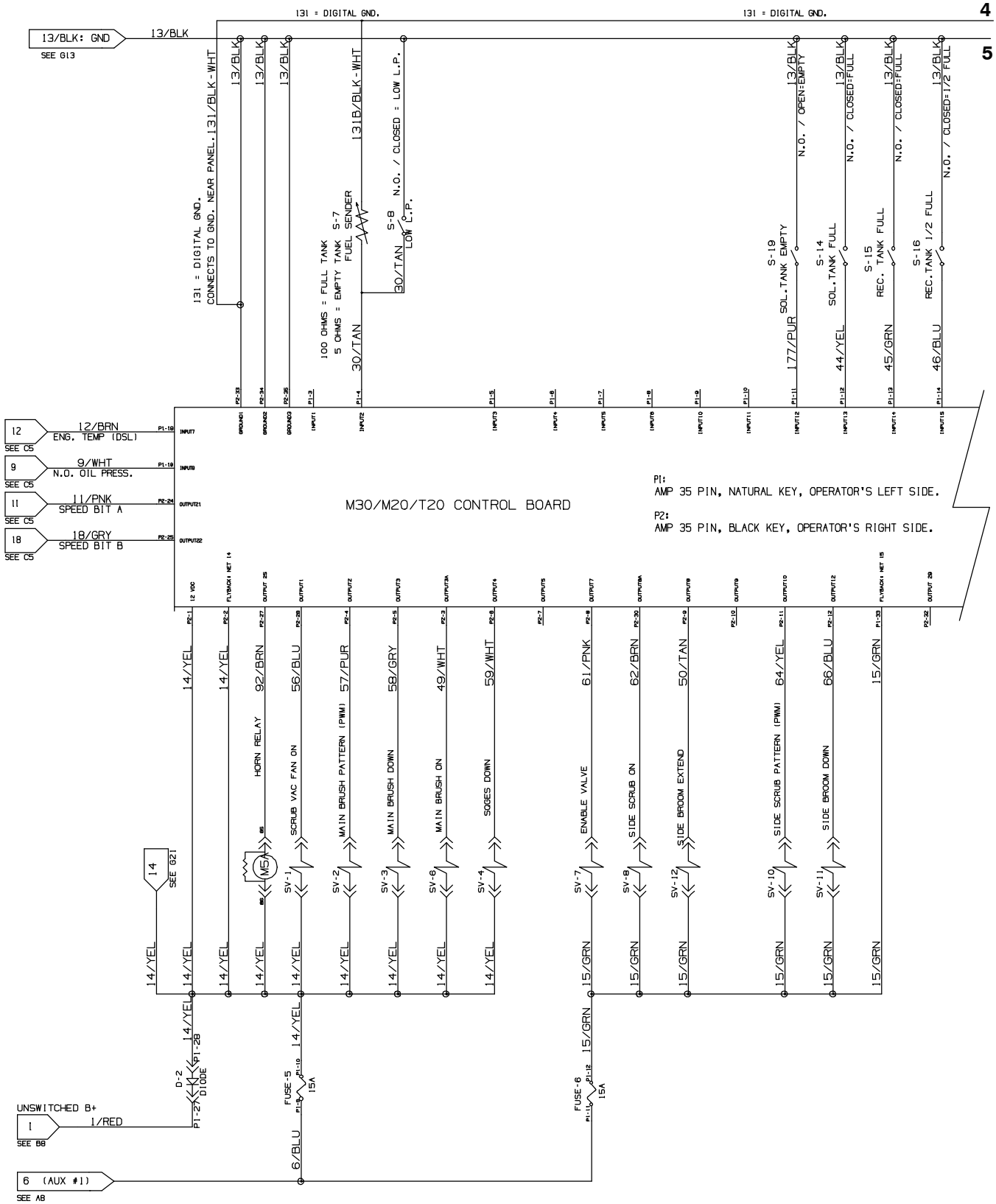
1075421 – 356681 – T20

Fig. 59 – Electrical Schematic (008000–013000)



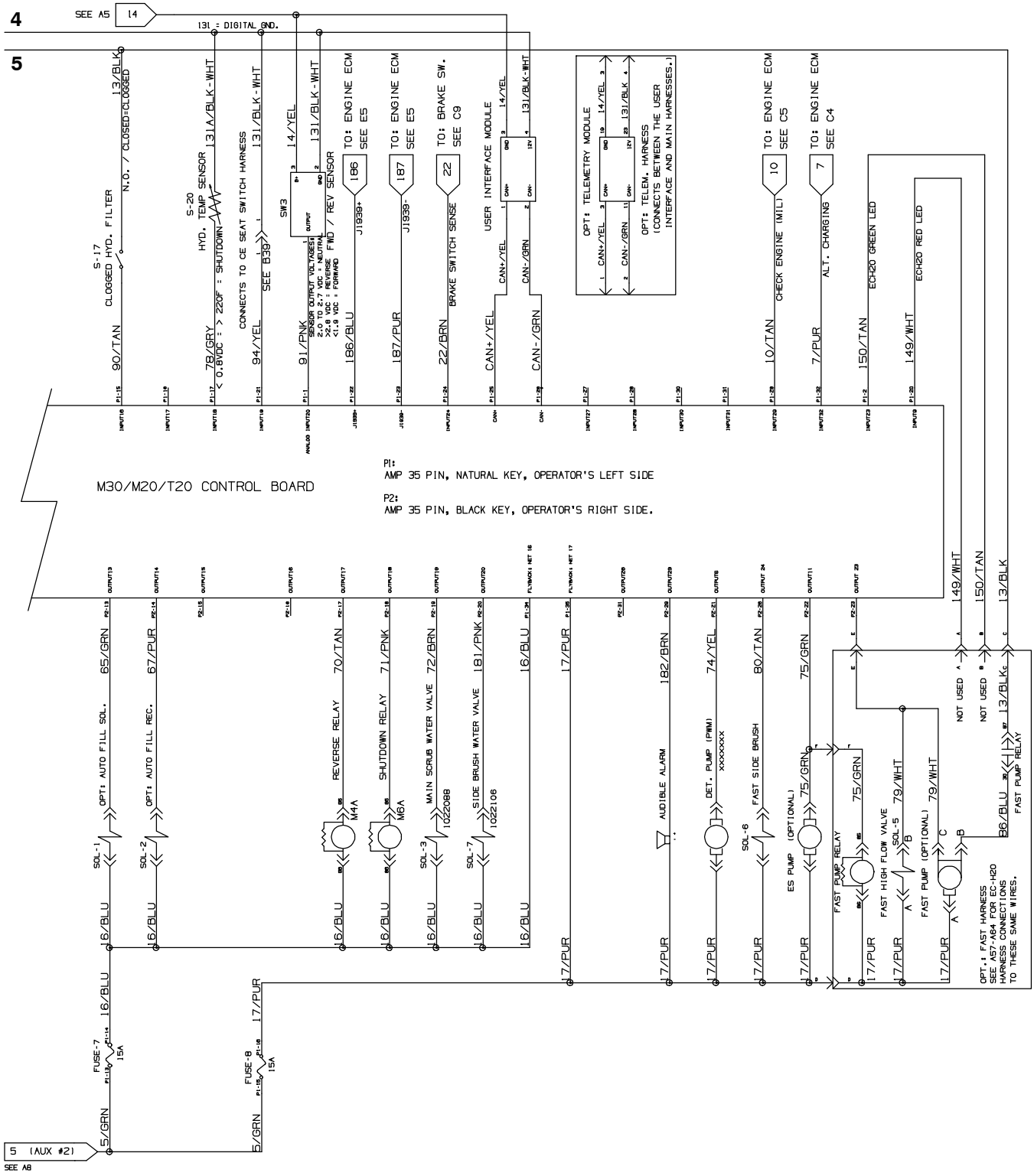
1075421 – 356681 – T20

Fig. 59 – Electrical Schematic (008000–013000)



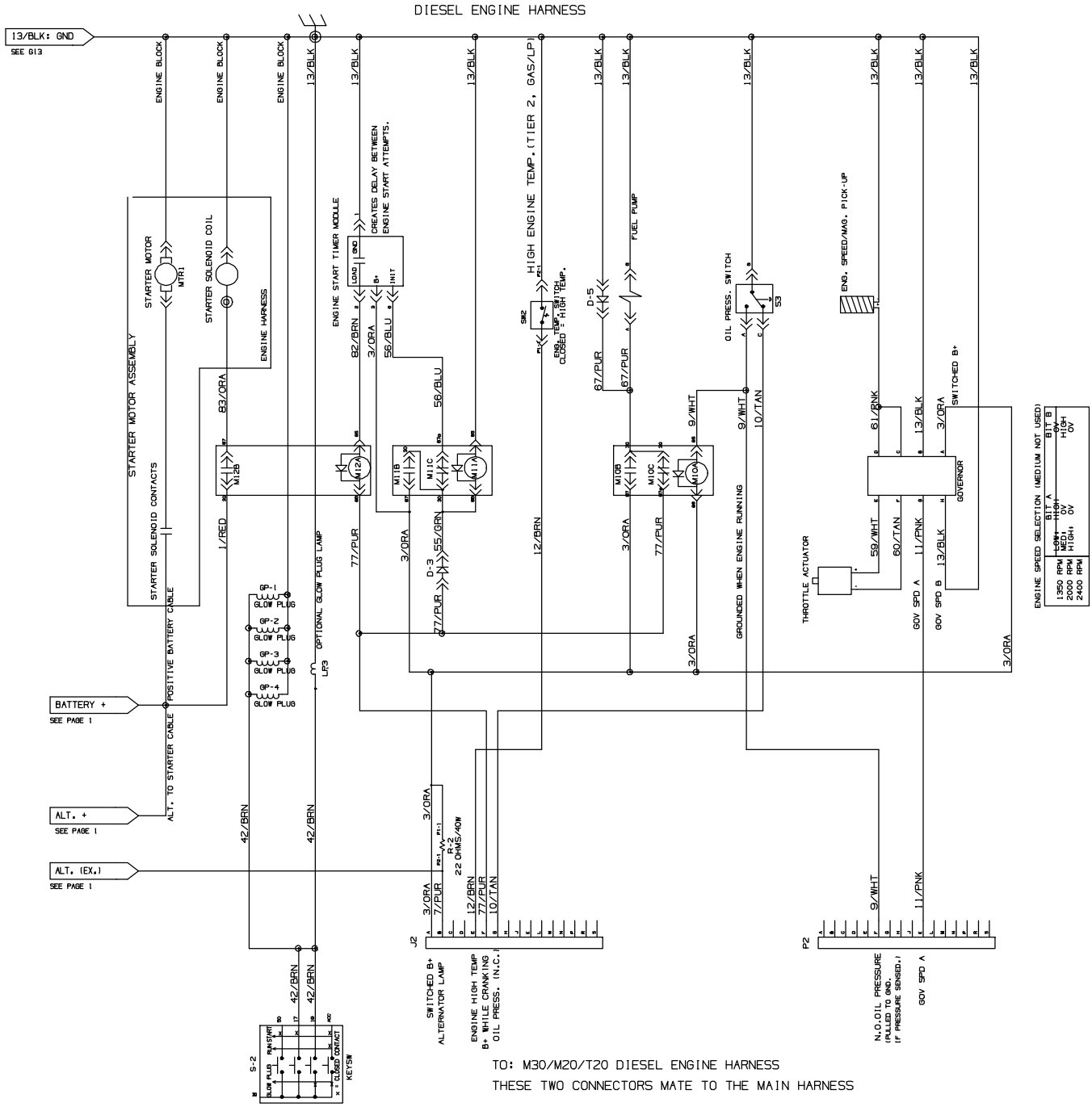
1075421 – 356681 – T20

Fig. 59 – Electrical Schematic (008000–013000)



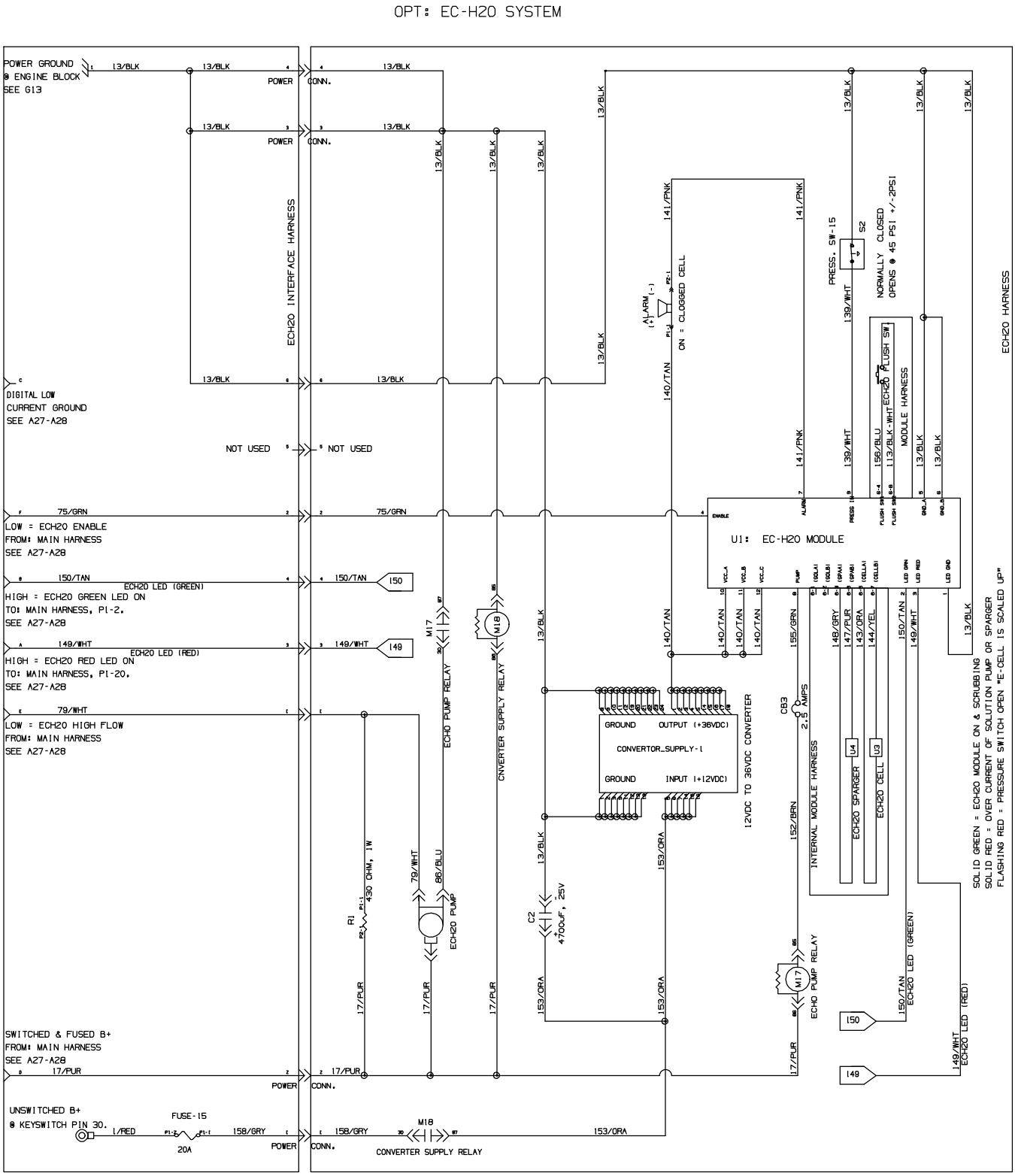
1075421 – 356681 – T20

Fig. 59 – Electrical Schematic (008000–013000)



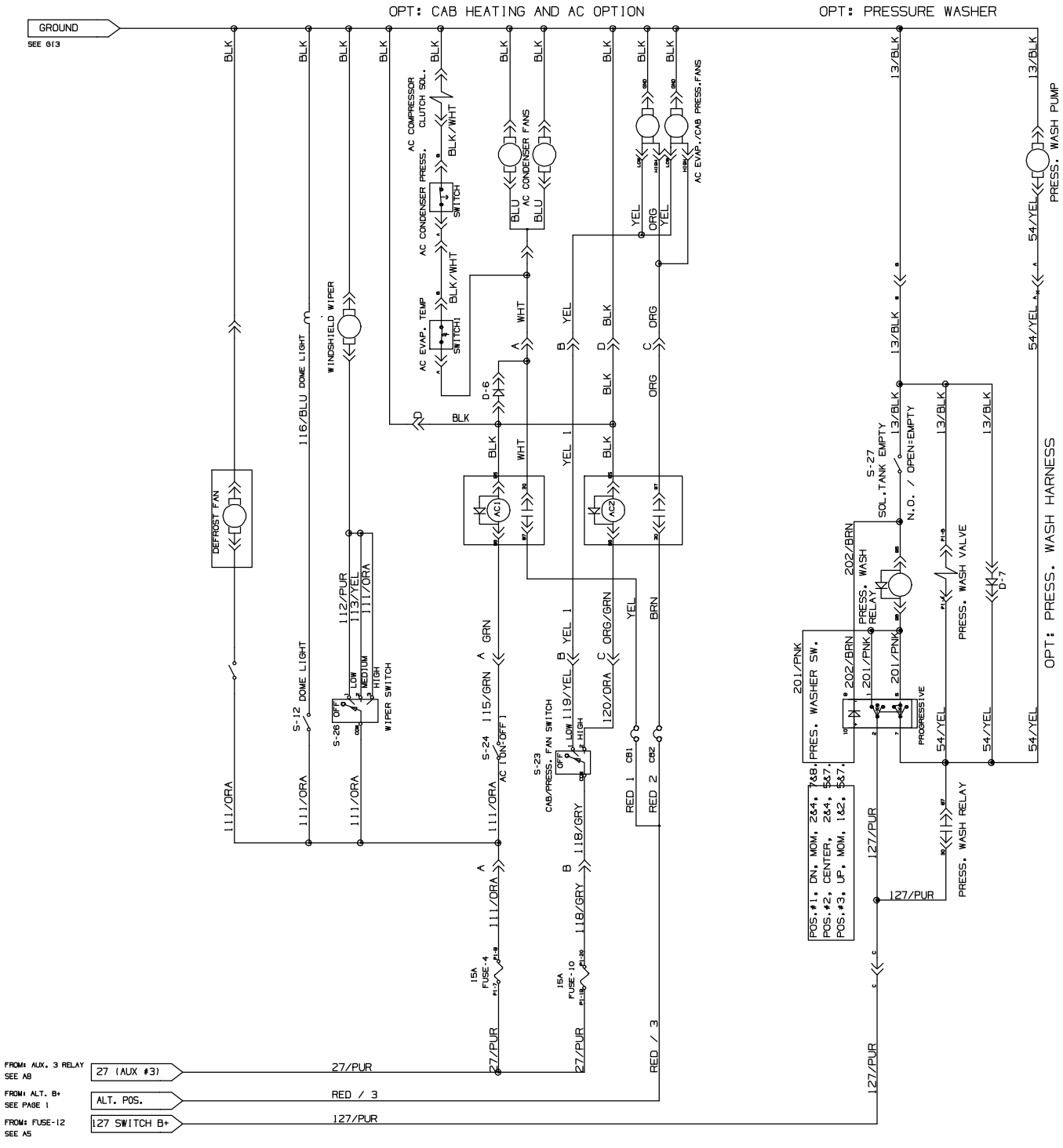
1075420 – 356680

Fig. 59 – Electrical Schematic (008000–013000)



1075421 – 356681 – T20

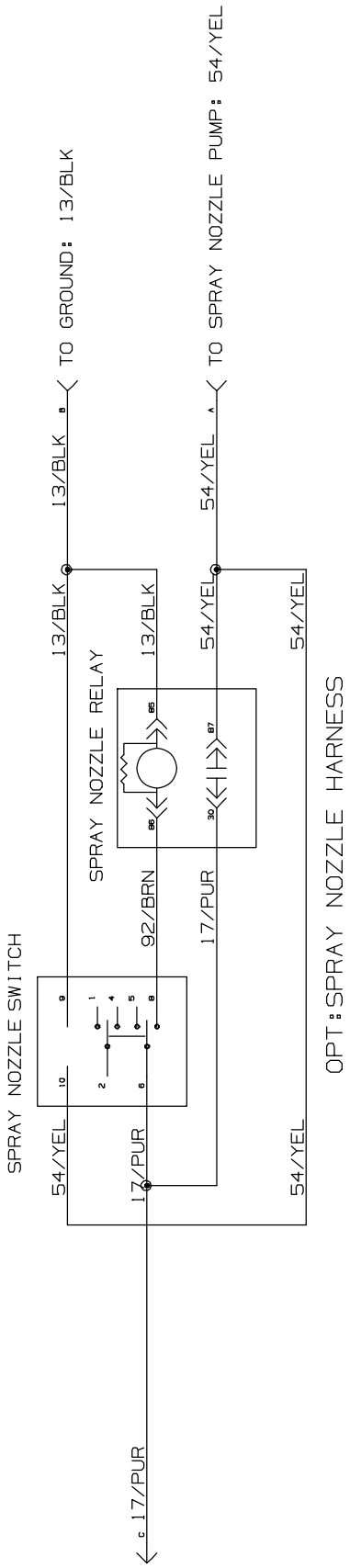
Fig. 59 – Electrical Schematic (008000–013000)



1075420 – 356680

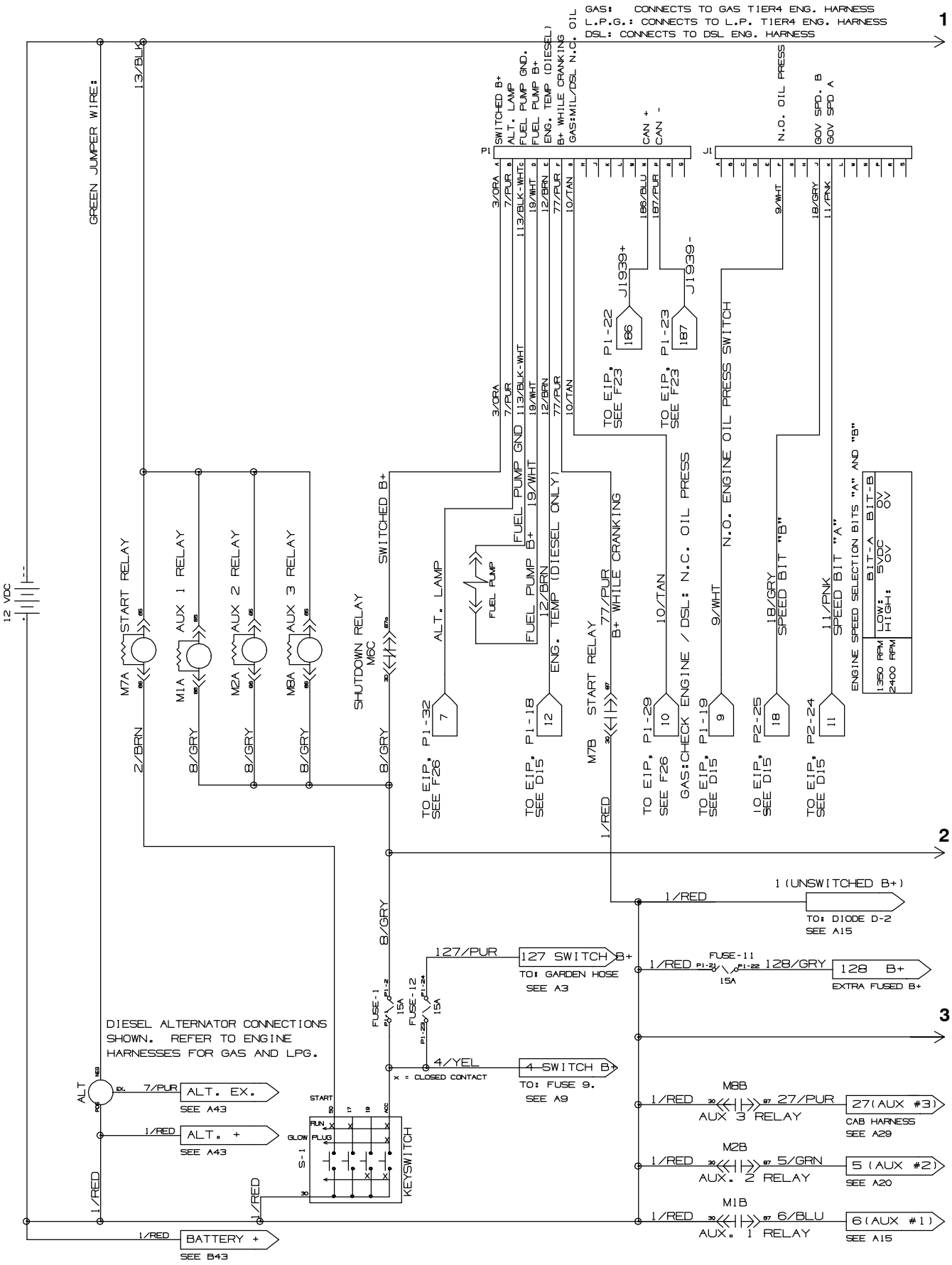
Fig. 59 – Electrical Schematic (008000–013000)

OPT: SPRAY NOZZLE



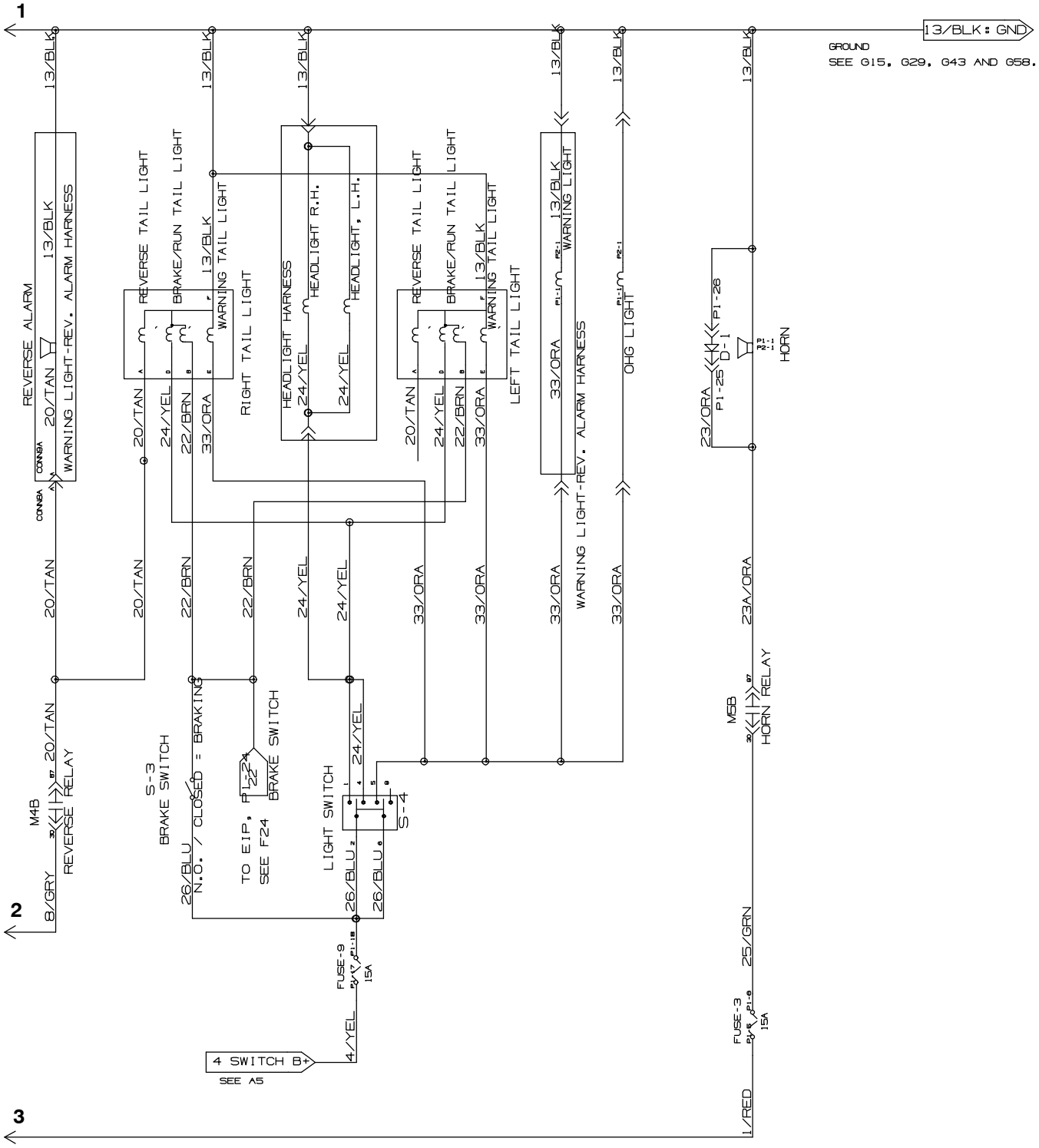
1075421 – 356681 – T20

Fig. 60 – Electrical Schematic (013001–)



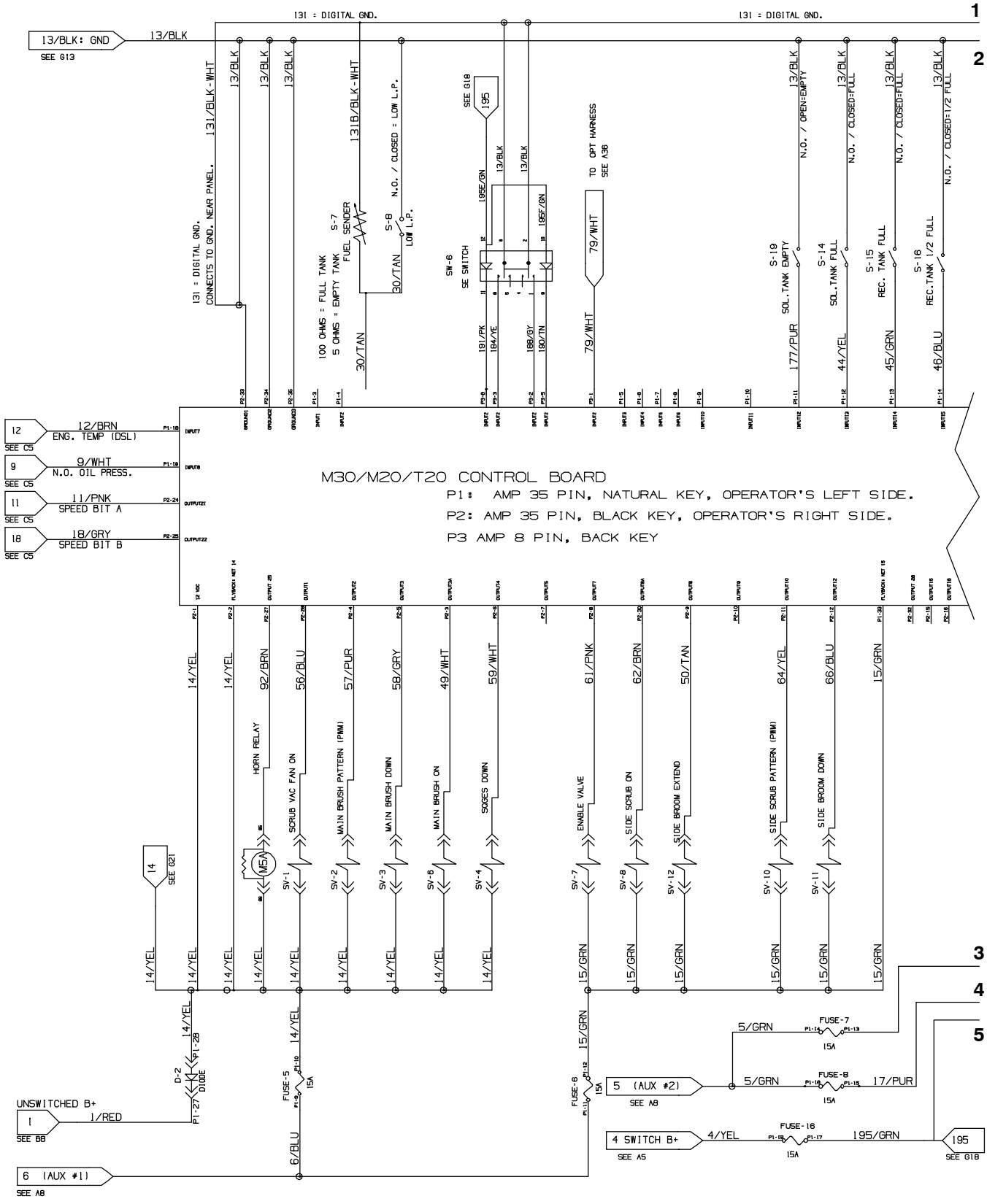
1075421 – 357169 – T20

Fig. 60 – Electrical Schematic (013001–)



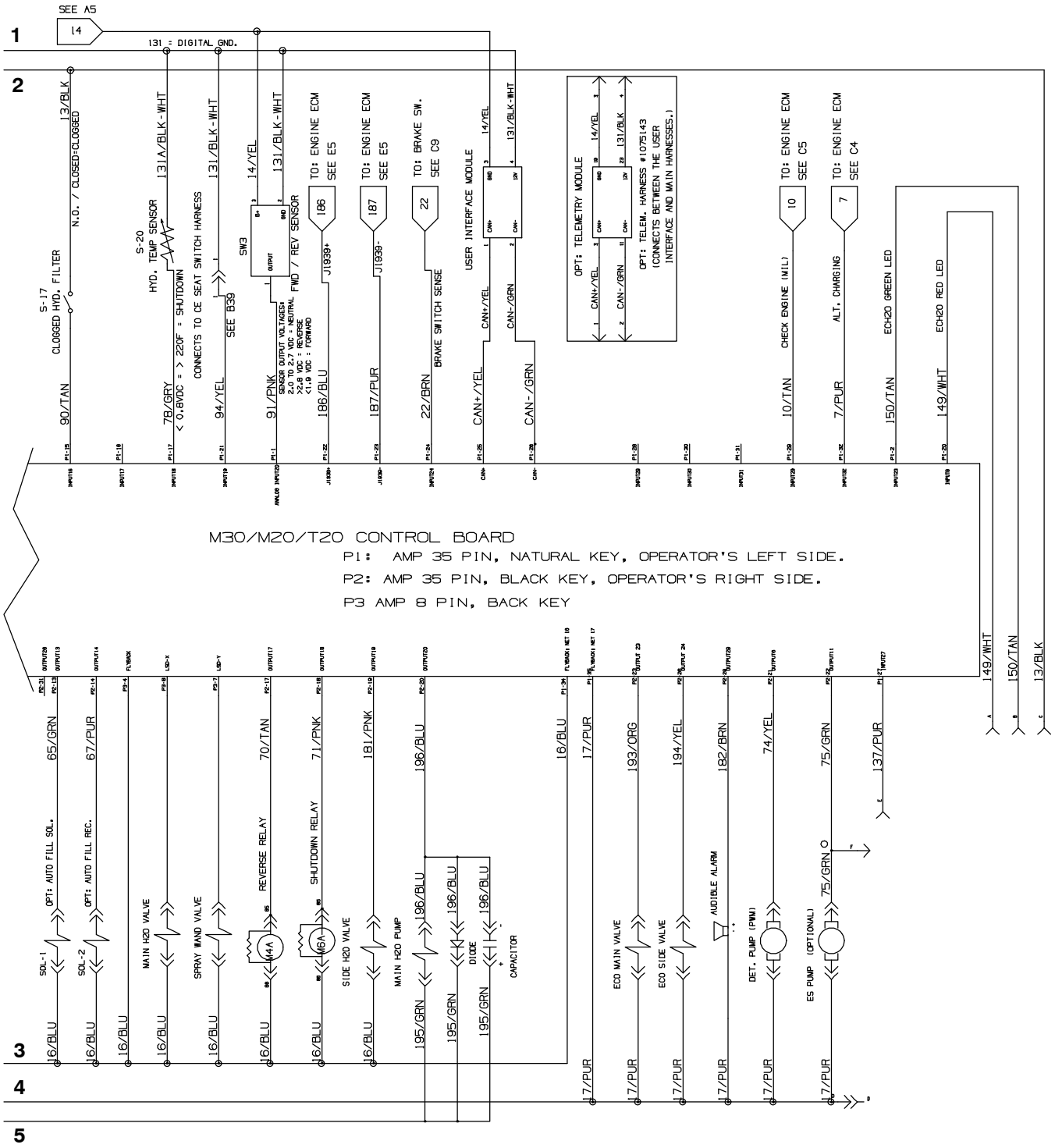
1075421 – 357169 – T20

Fig. 60 – Electrical Schematic (013001–)



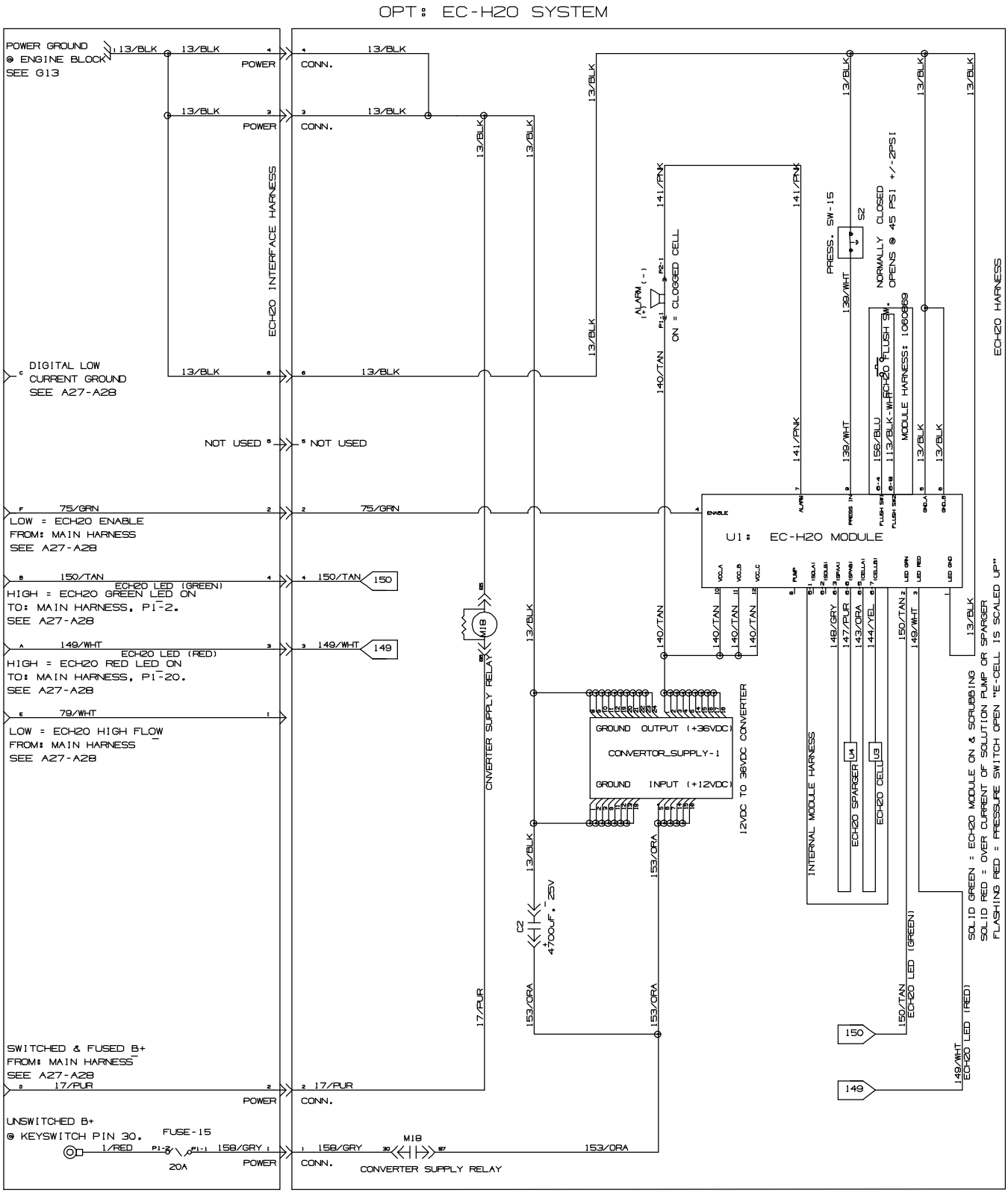
1075421 – 357169 – T20

Fig. 60 – Electrical Schematic (013001–)



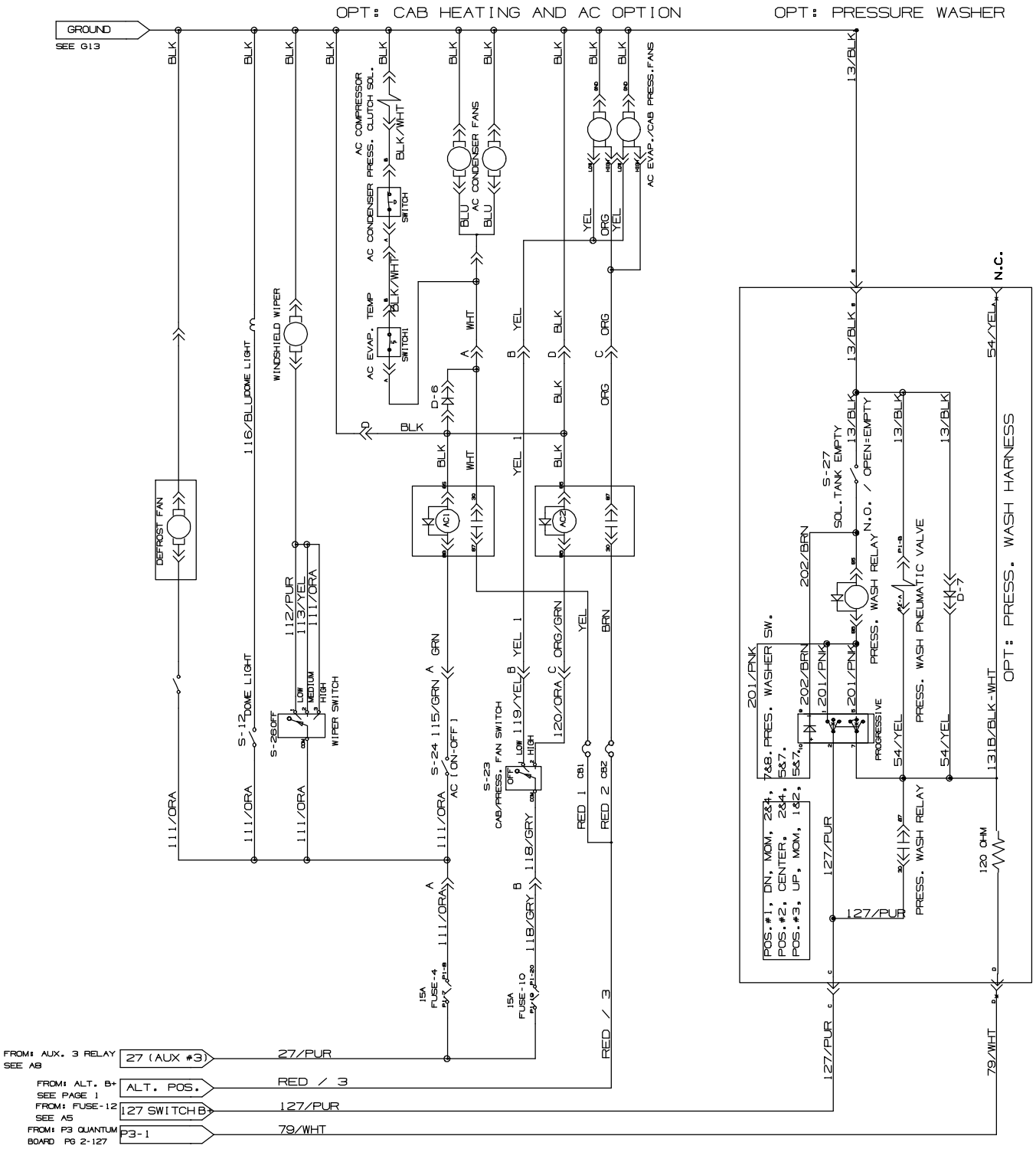
1075421 – 357169 – T20

Fig. 60 – Electrical Schematic (013001–)



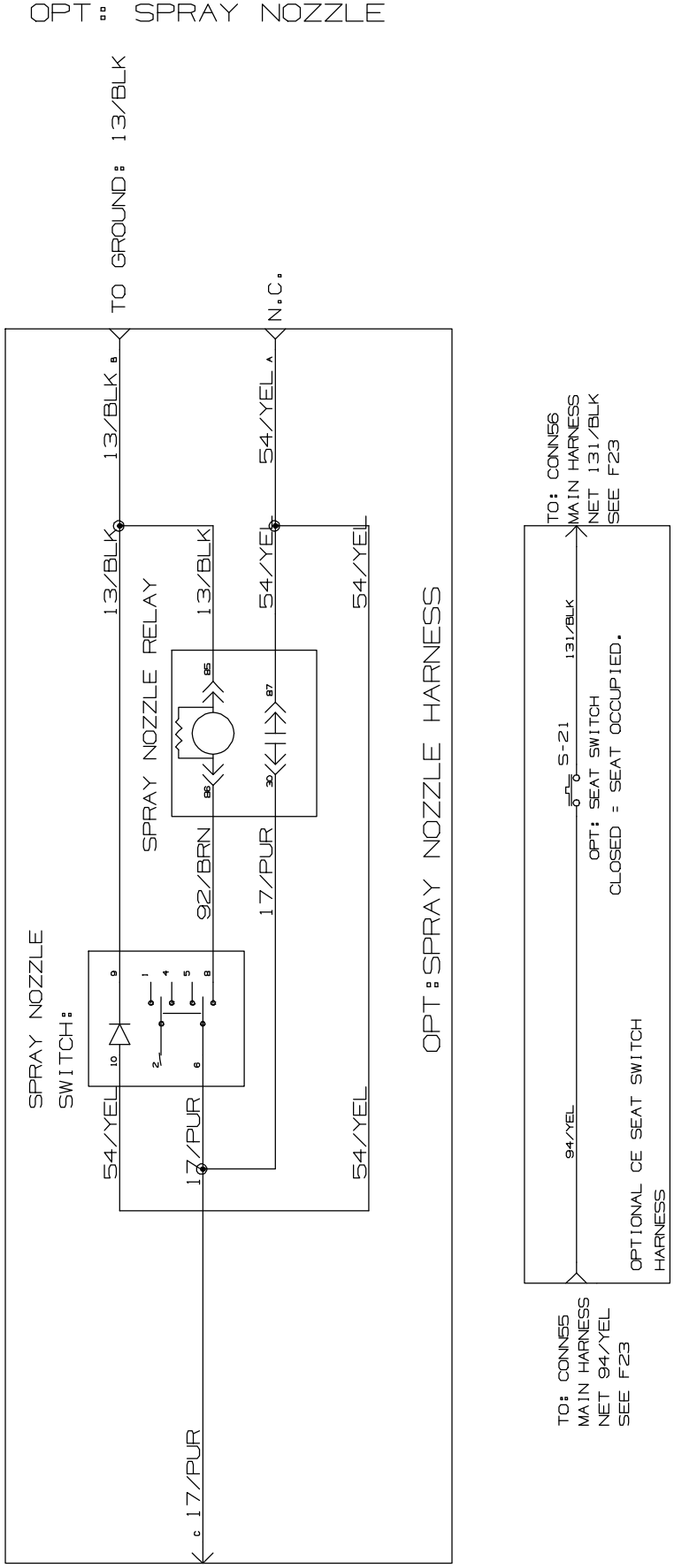
1075421 – 357169 – T20

Fig. 60 – Electrical Schematic (013001–)



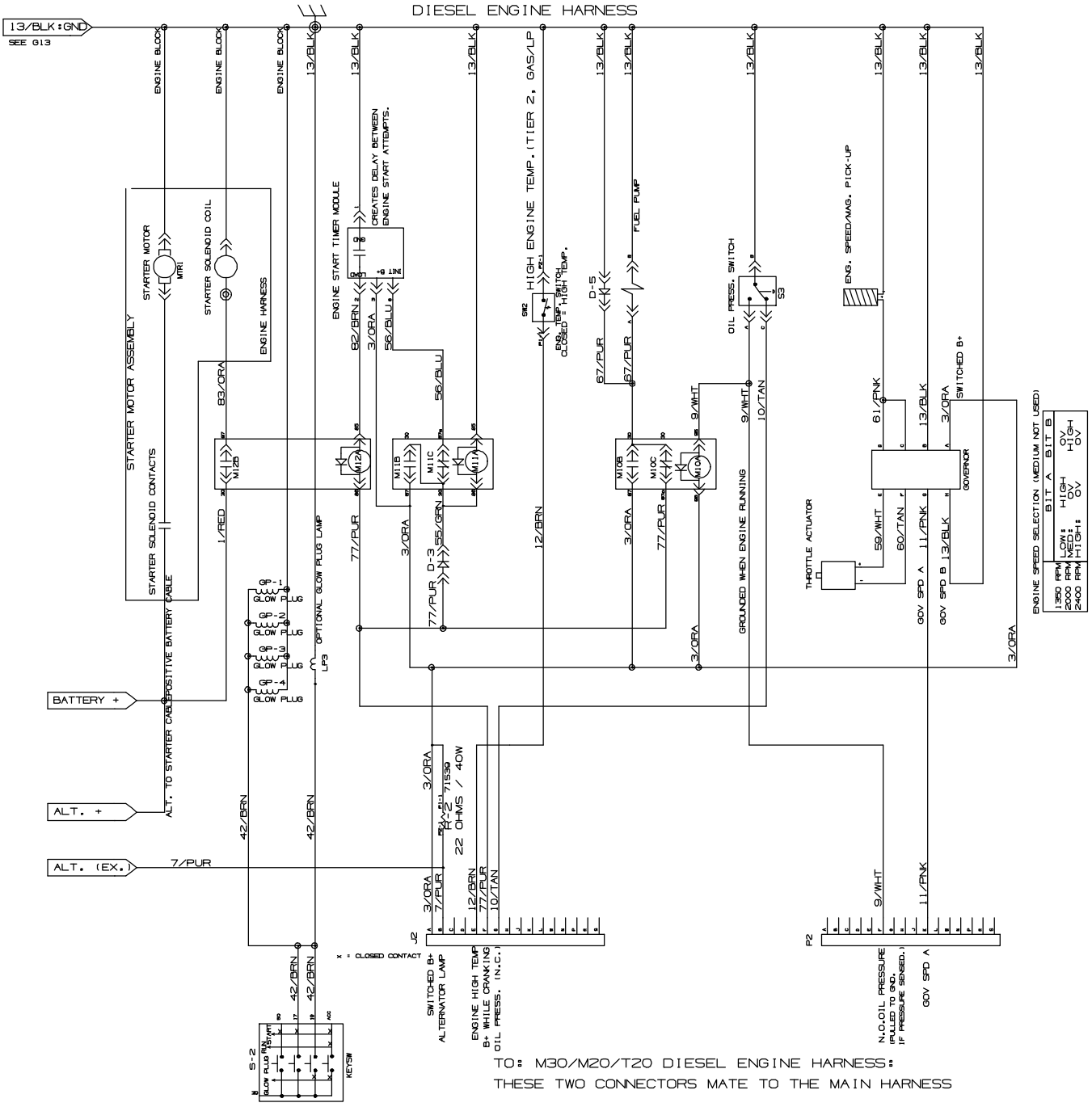
1075421 – 357169 – T20

Fig. 60 – Electrical Schematic (013001–)



1075421 – 357169 – T20

Fig. 60 – Electrical Schematic (013001–)



1075421 – 357169 – T20

Fig. 61 – Electrical Wire Harness Group, Main (008000–013000)

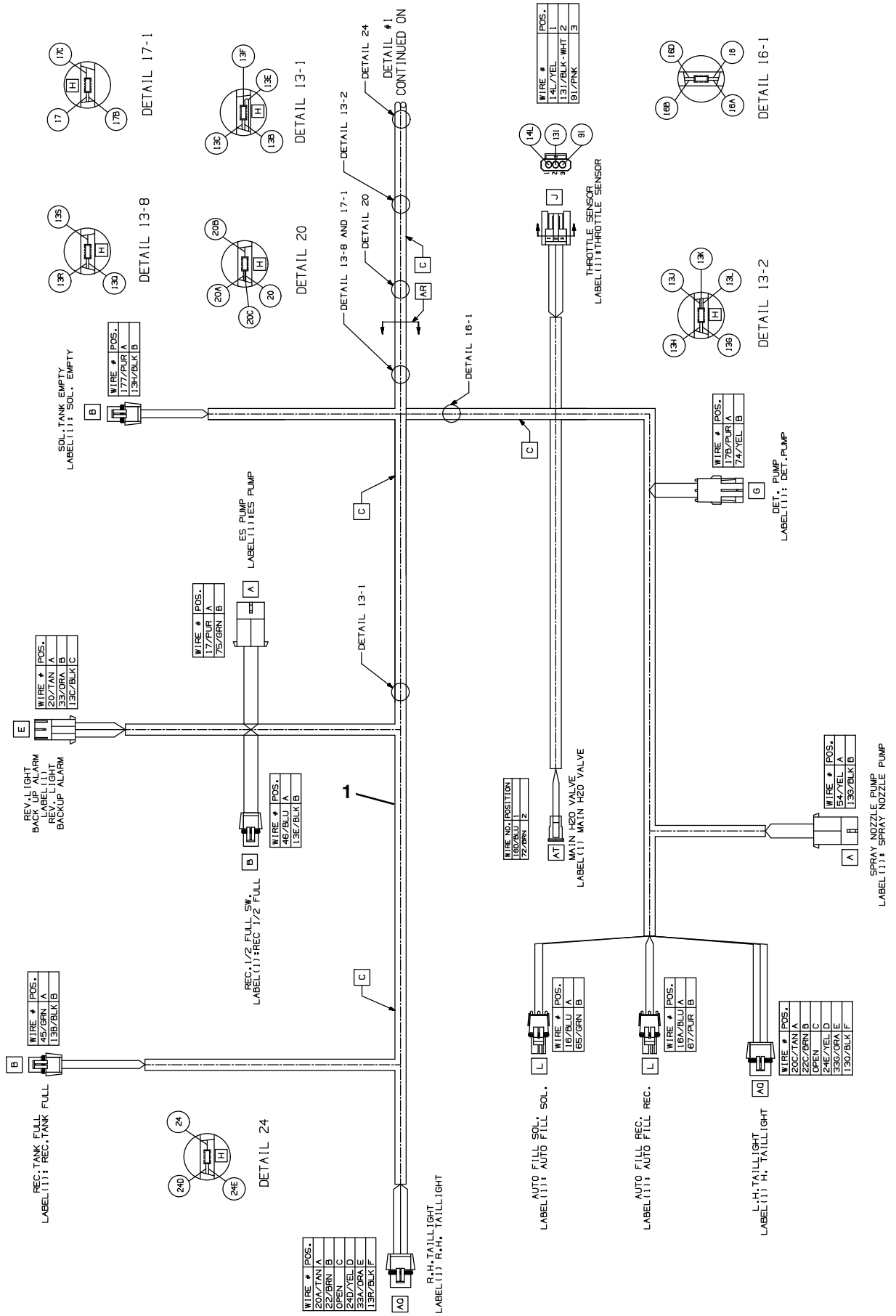


Fig. 61 – Electrical Wire Harness Group, Main (008000–013000)

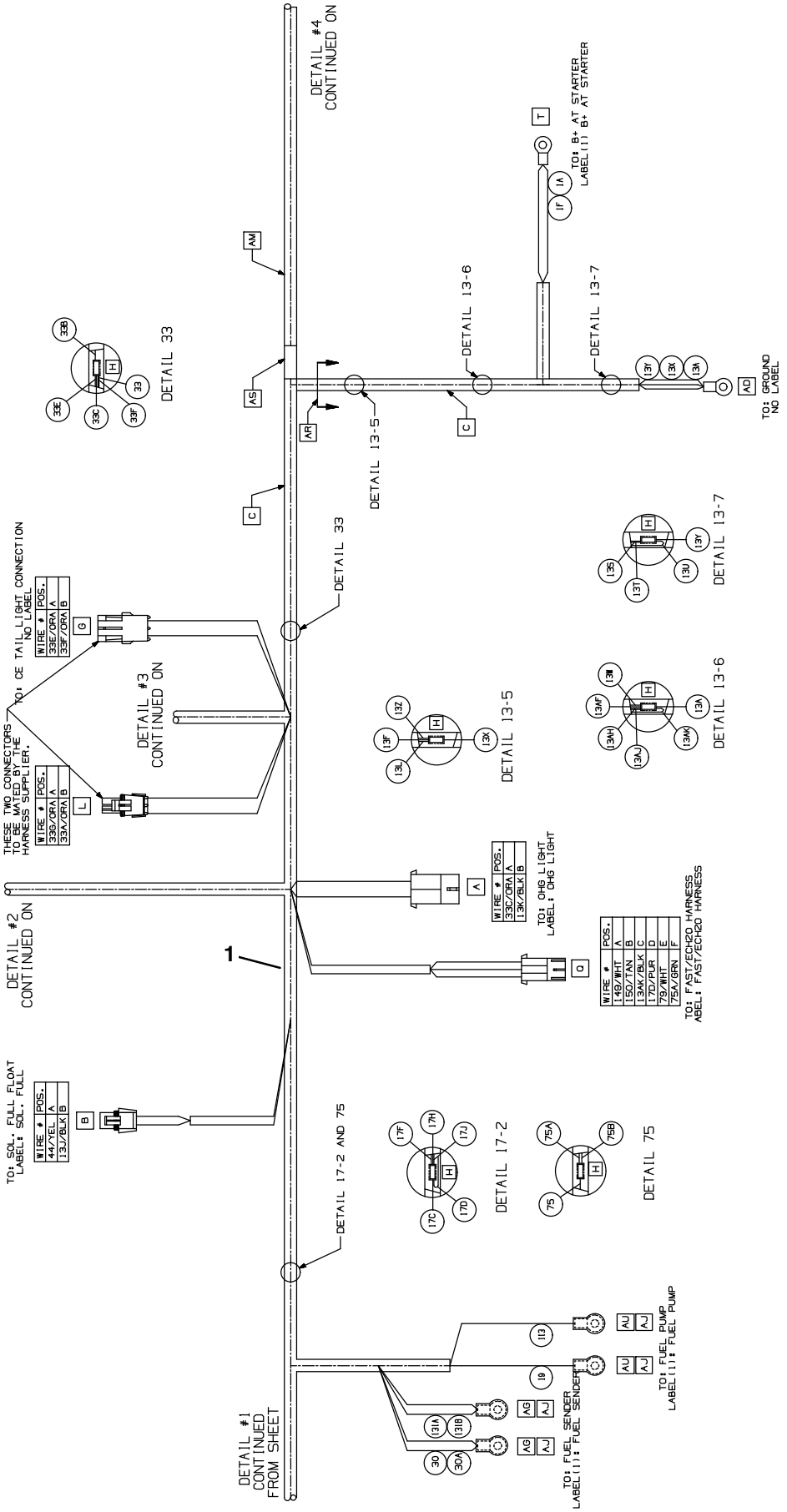


Fig. 61 – Electrical Wire Harness Group, Main (008000–013000)

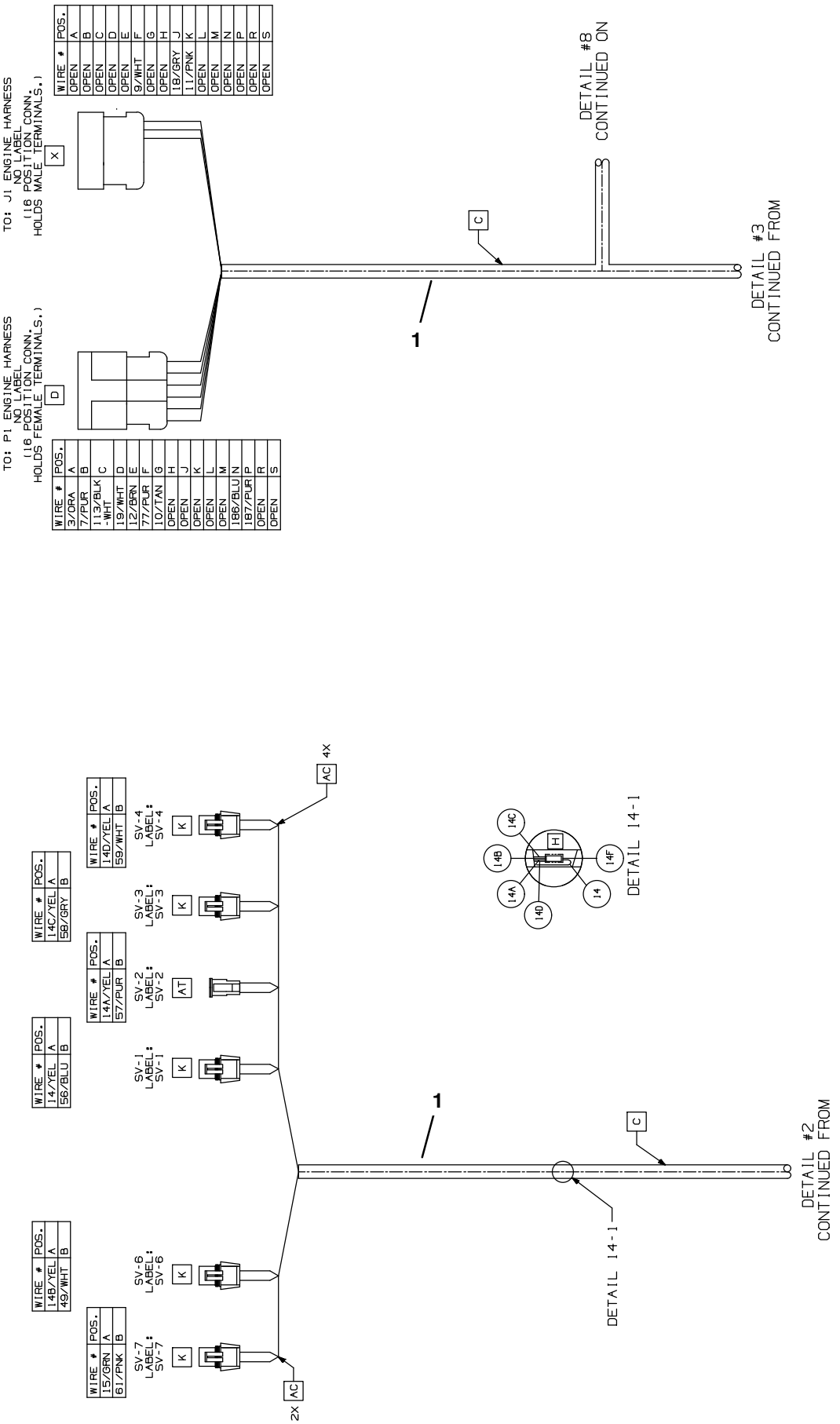


Fig. 61 – Electrical Wire Harness Group, Main (008000–013000)

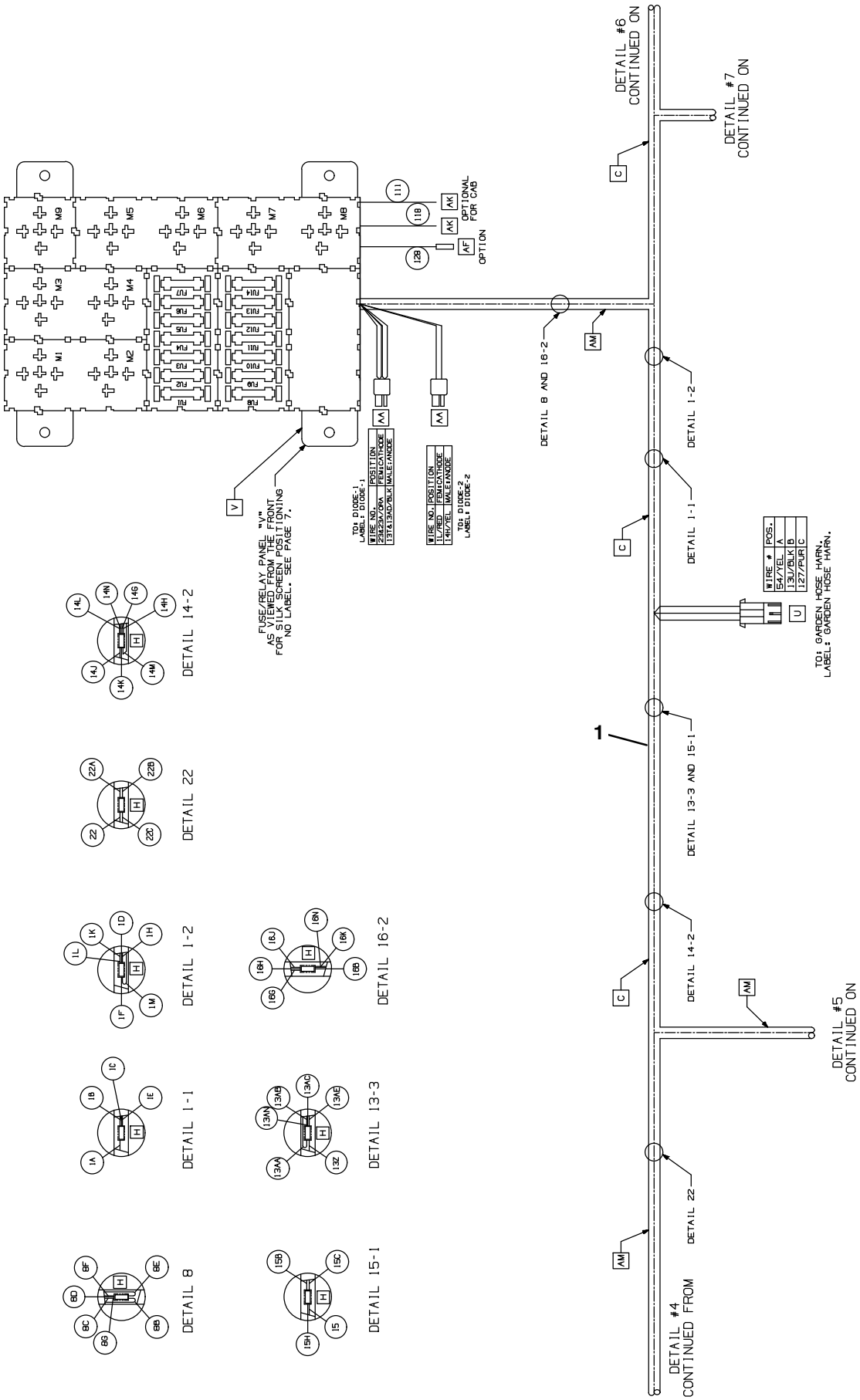


Fig. 61 – Electrical Wire Harness Group, Main (008000–013000)

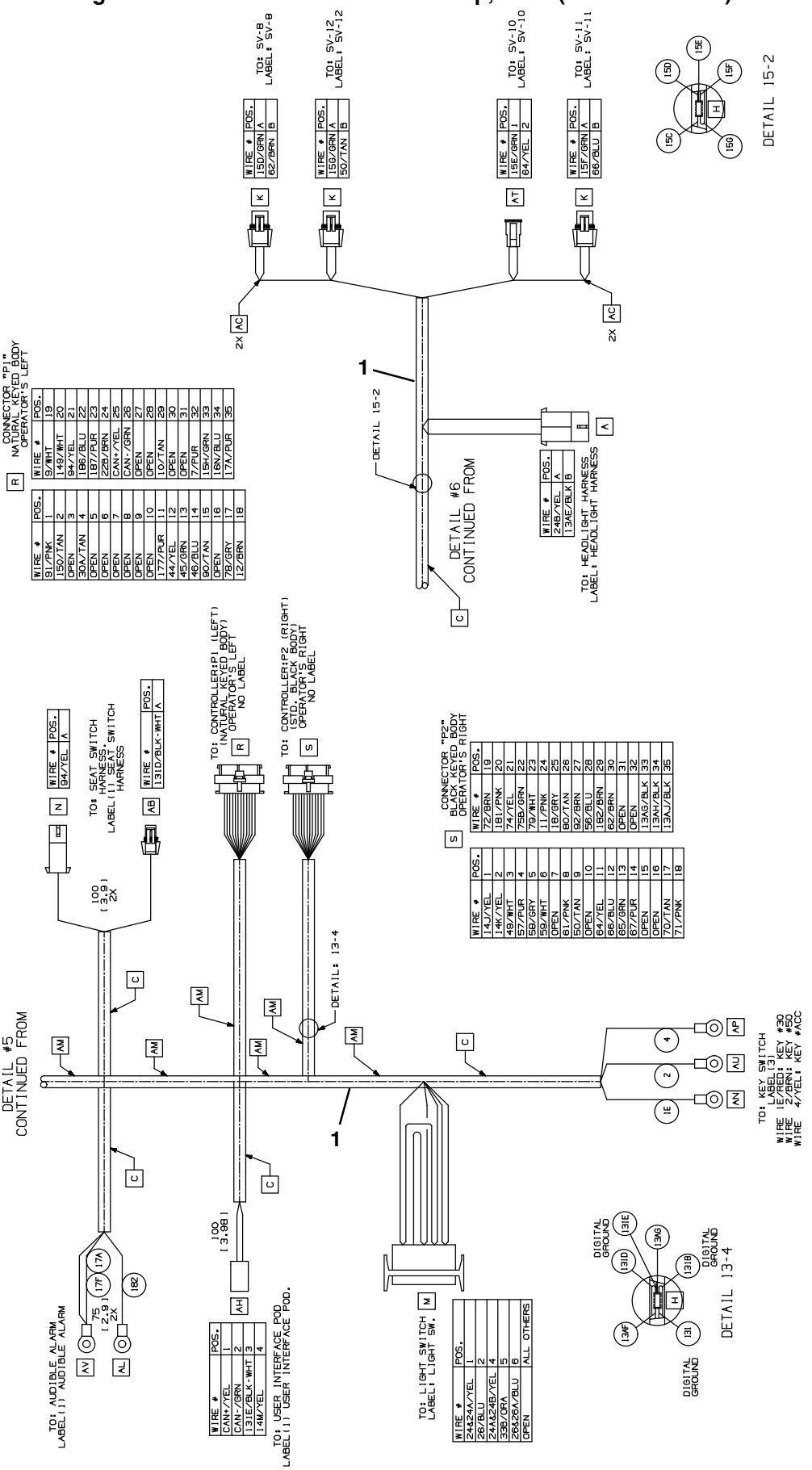


Fig. 61 – Electrical Wire Harness Group, Main (008000–013000)

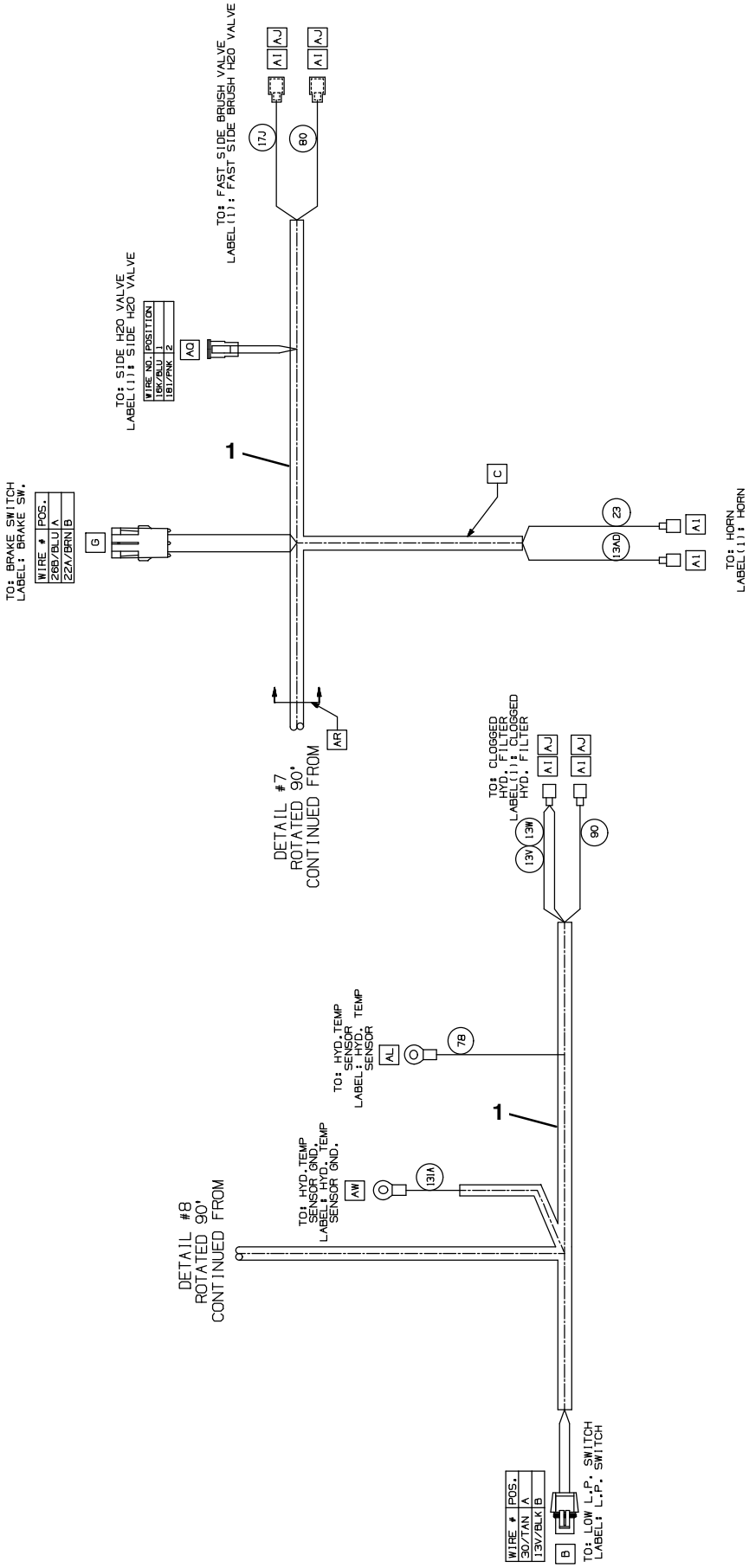
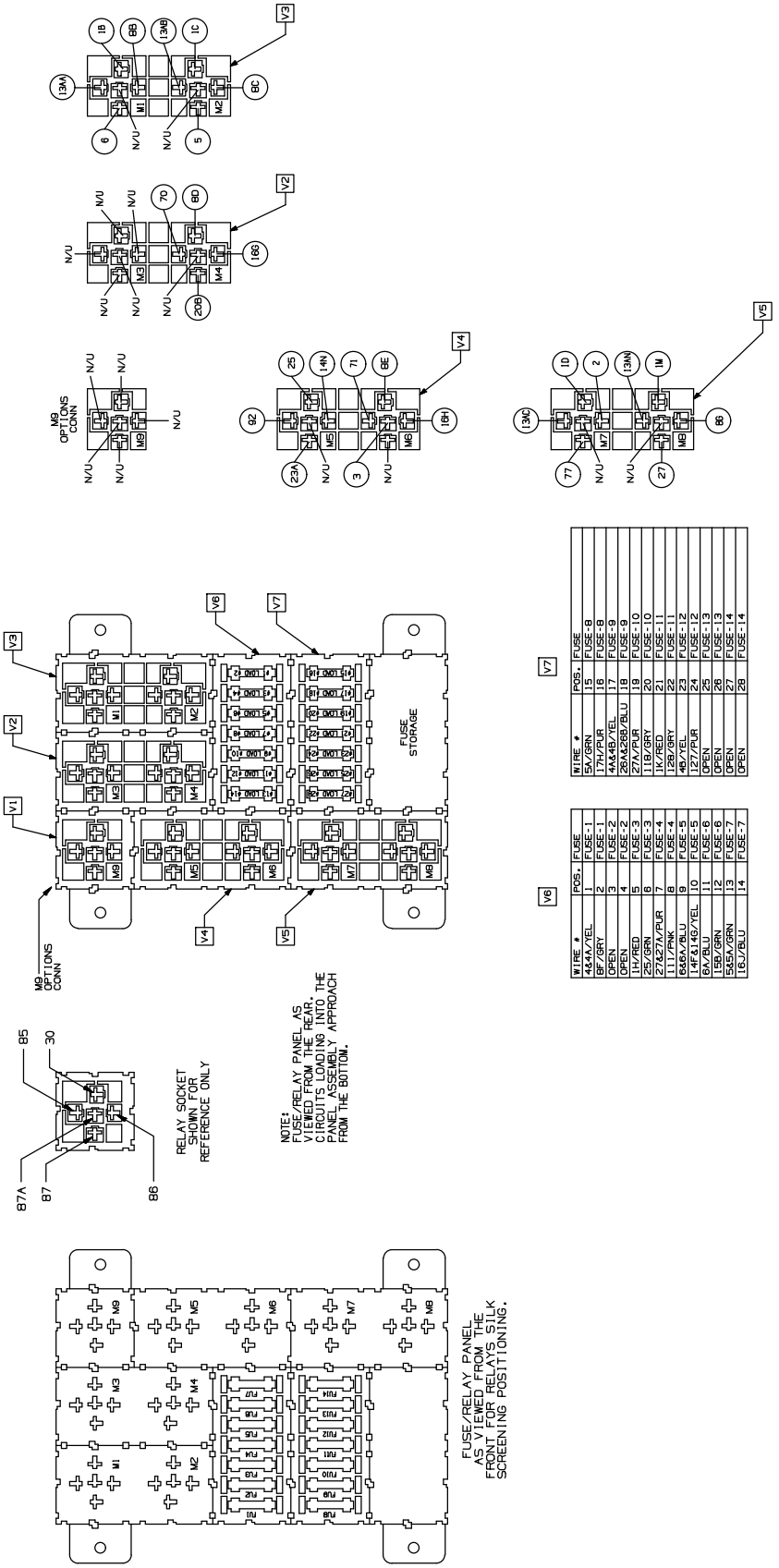


Fig. 61 – Electrical Wire Harness Group, Main (008000–013000)



356685 – T20

Ref.	Part No.	Serial Number	Description	Qty.
1	1075120	(008000–013000)	Harness, Main [T20]	1

Fig. 62 – Electrical Wire Harness Group, Main (013001–)

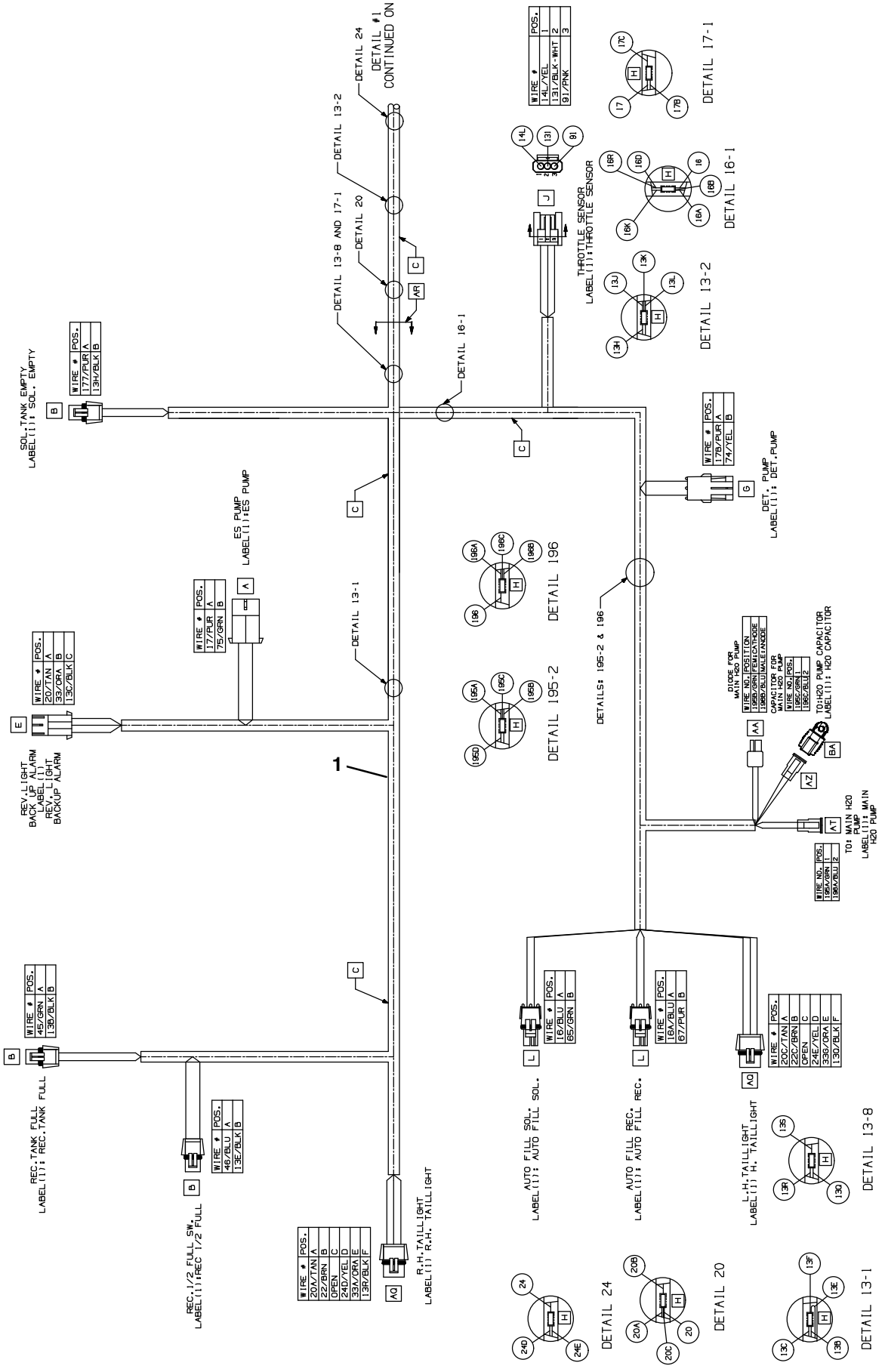


Fig. 62 – Electrical Wire Harness Group, Main (013001–)

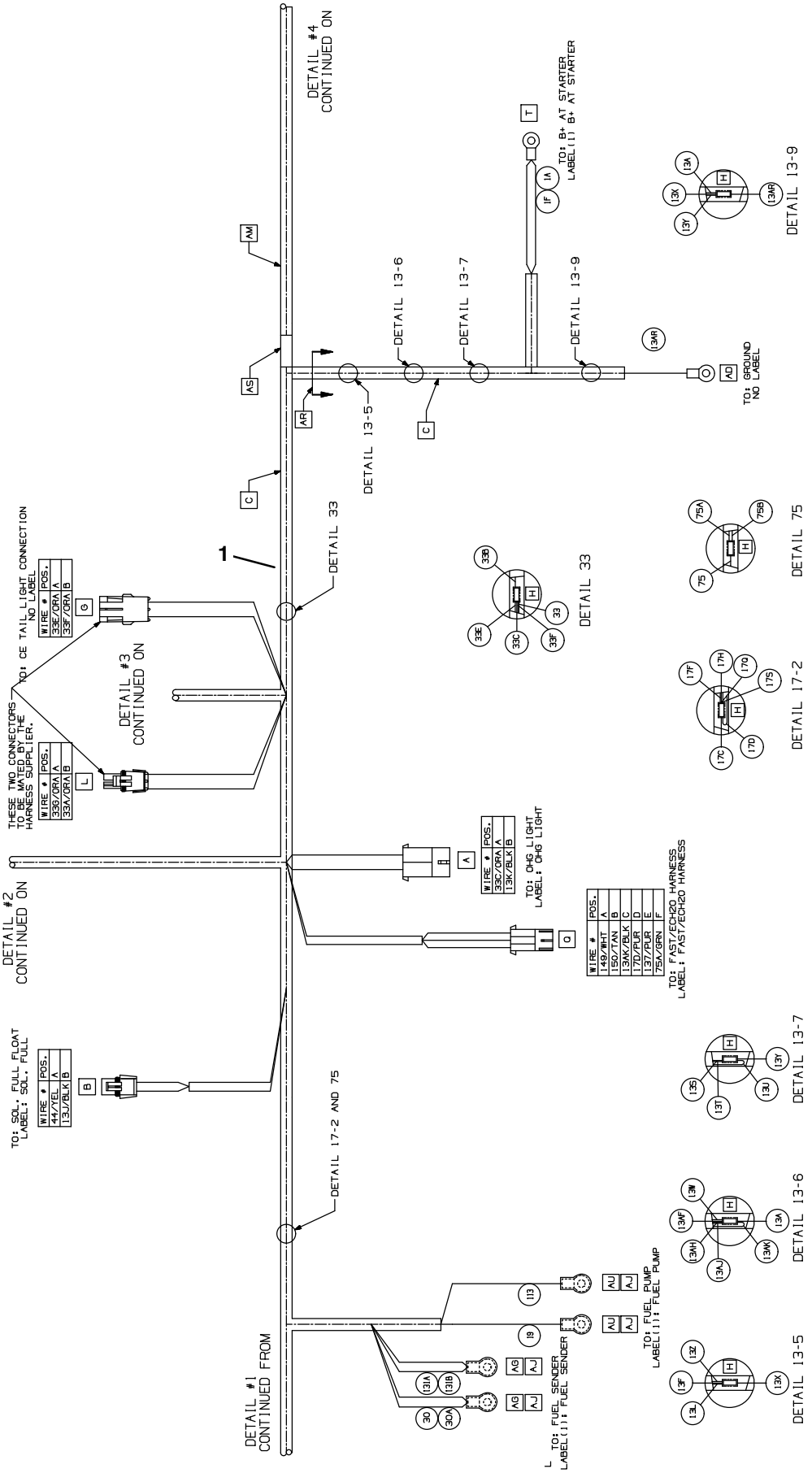


Fig. 62 – Electrical Wire Harness Group, Main (013001–)

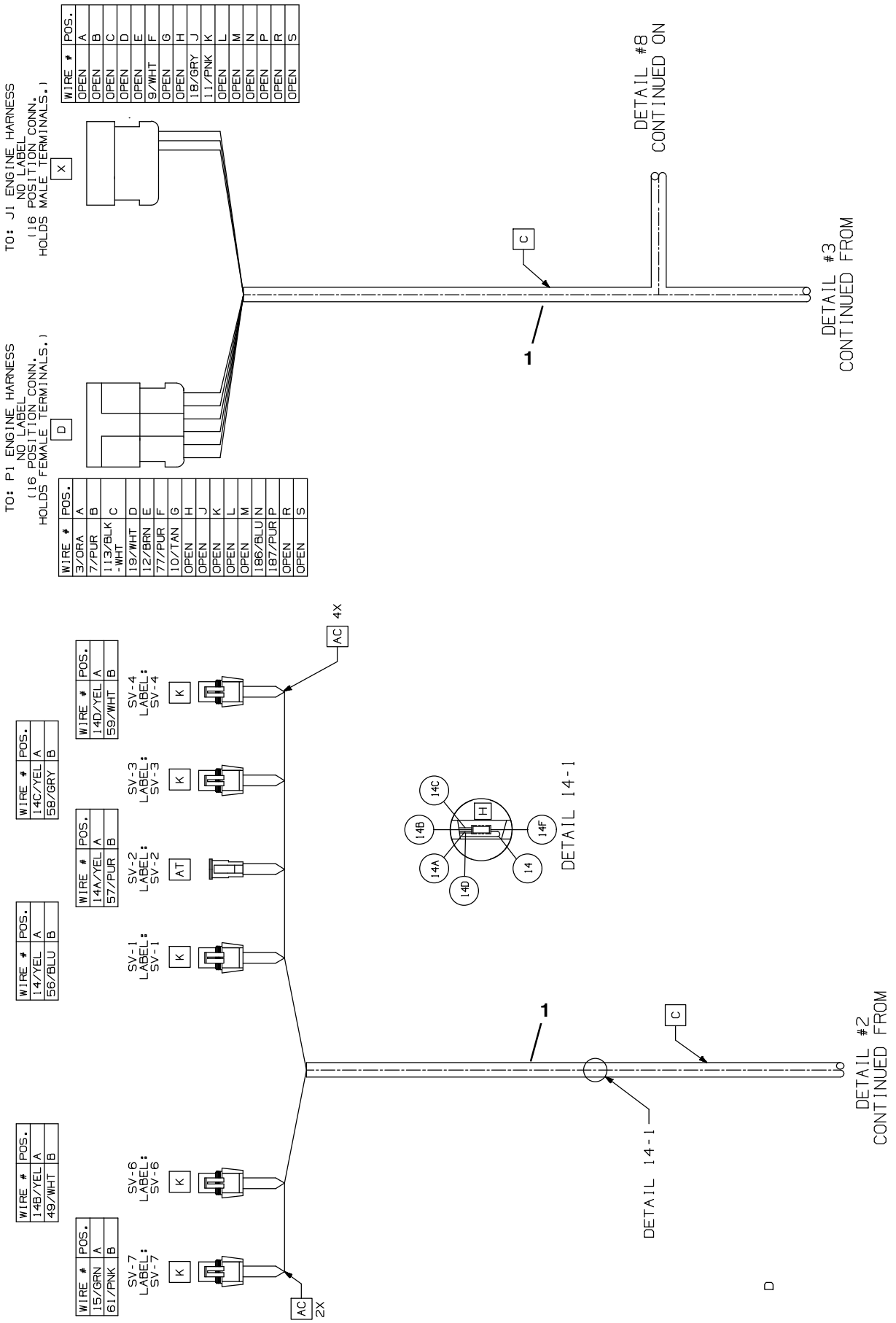


Fig. 62 – Electrical Wire Harness Group, Main (013001–)

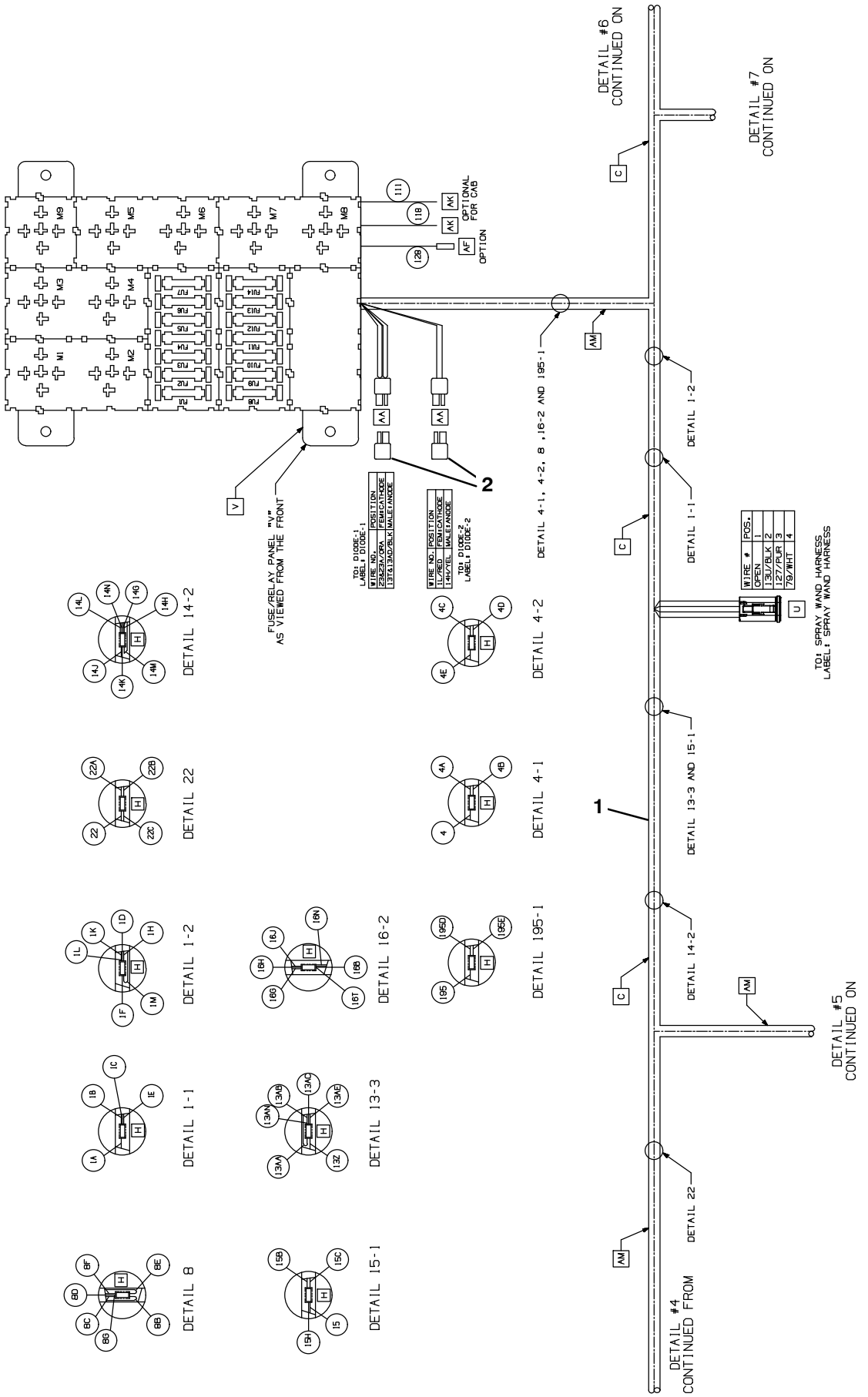


Fig. 62 – Electrical Wire Harness Group, Main (013001–)

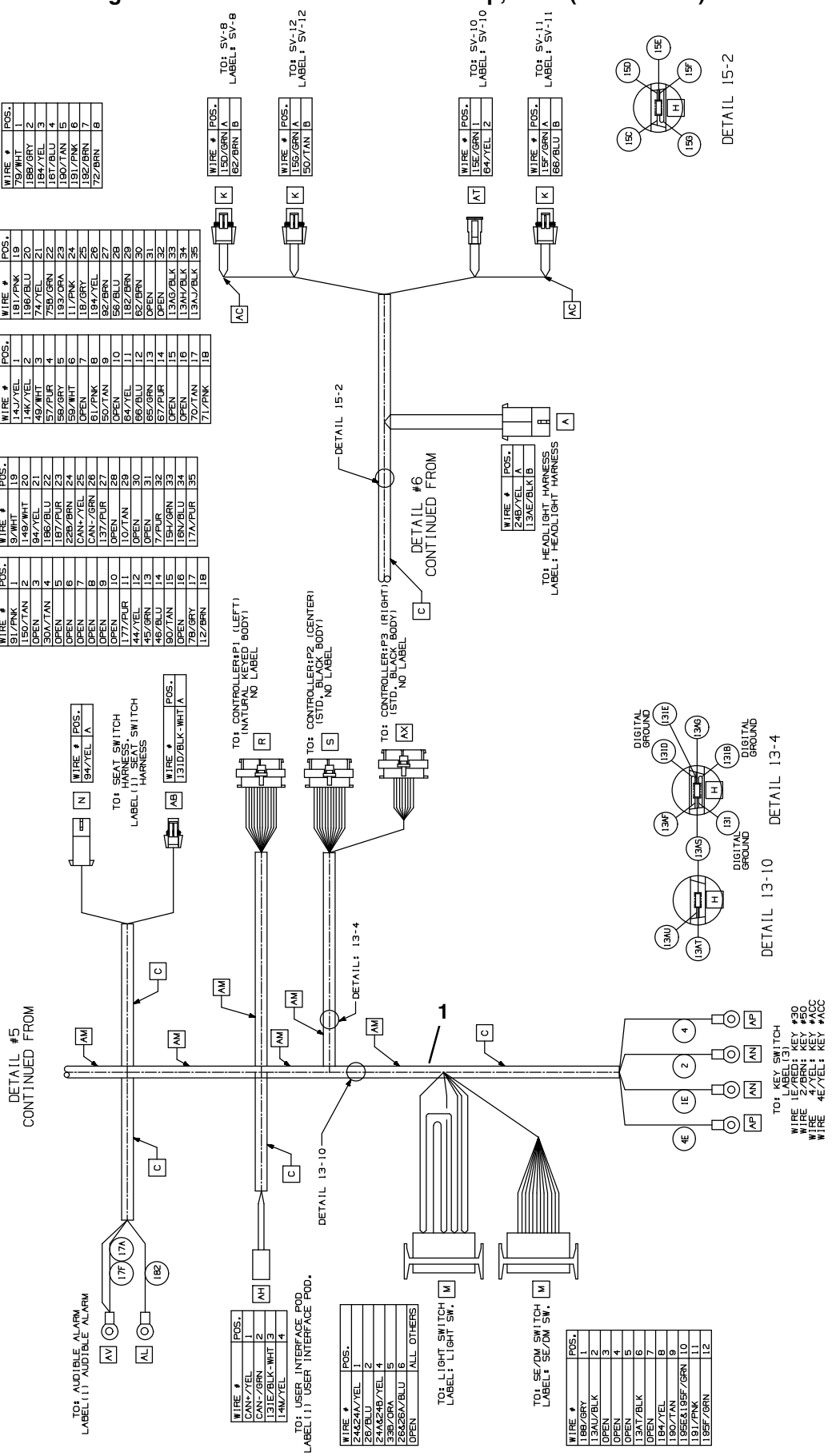


Fig. 62 – Electrical Wire Harness Group, Main (013001–)

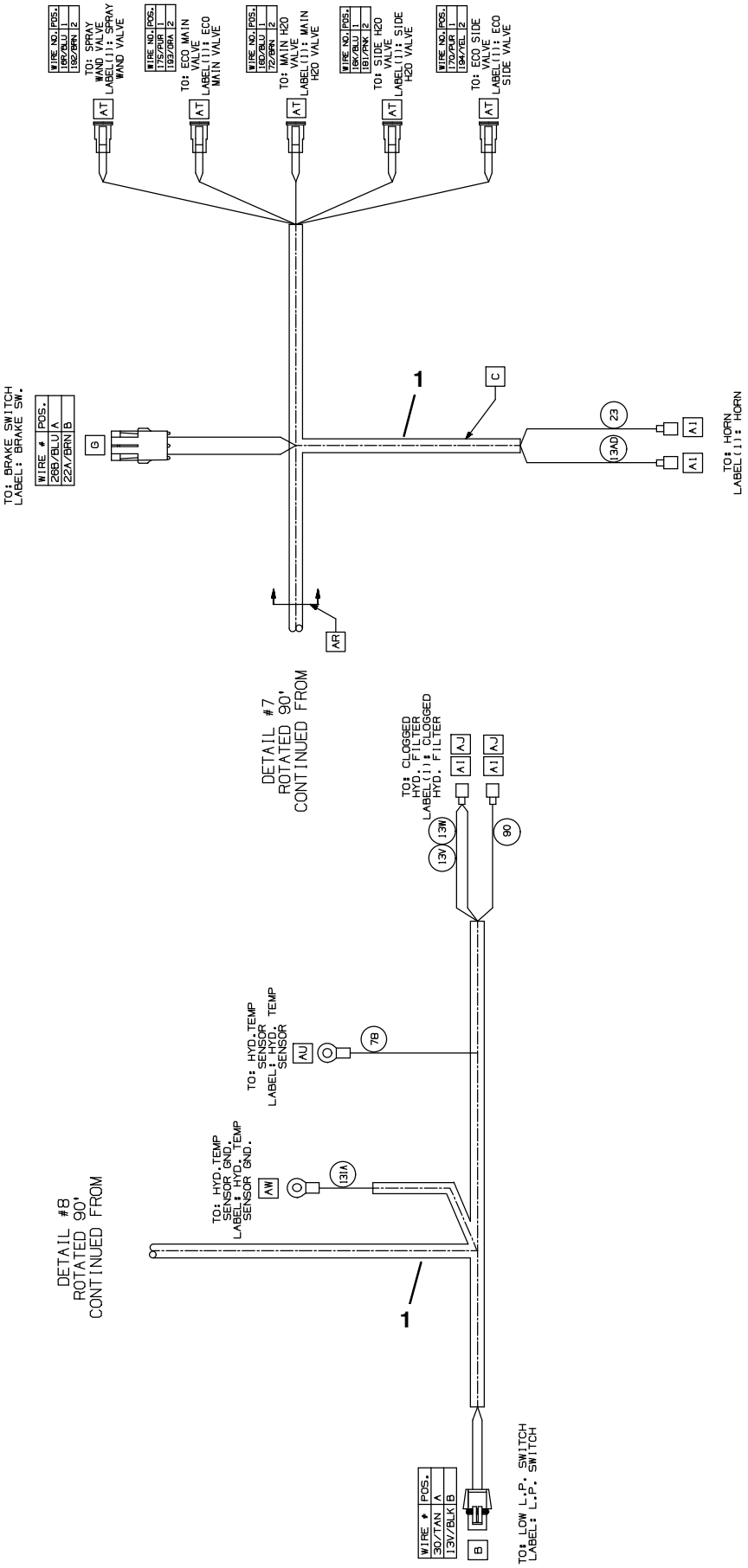
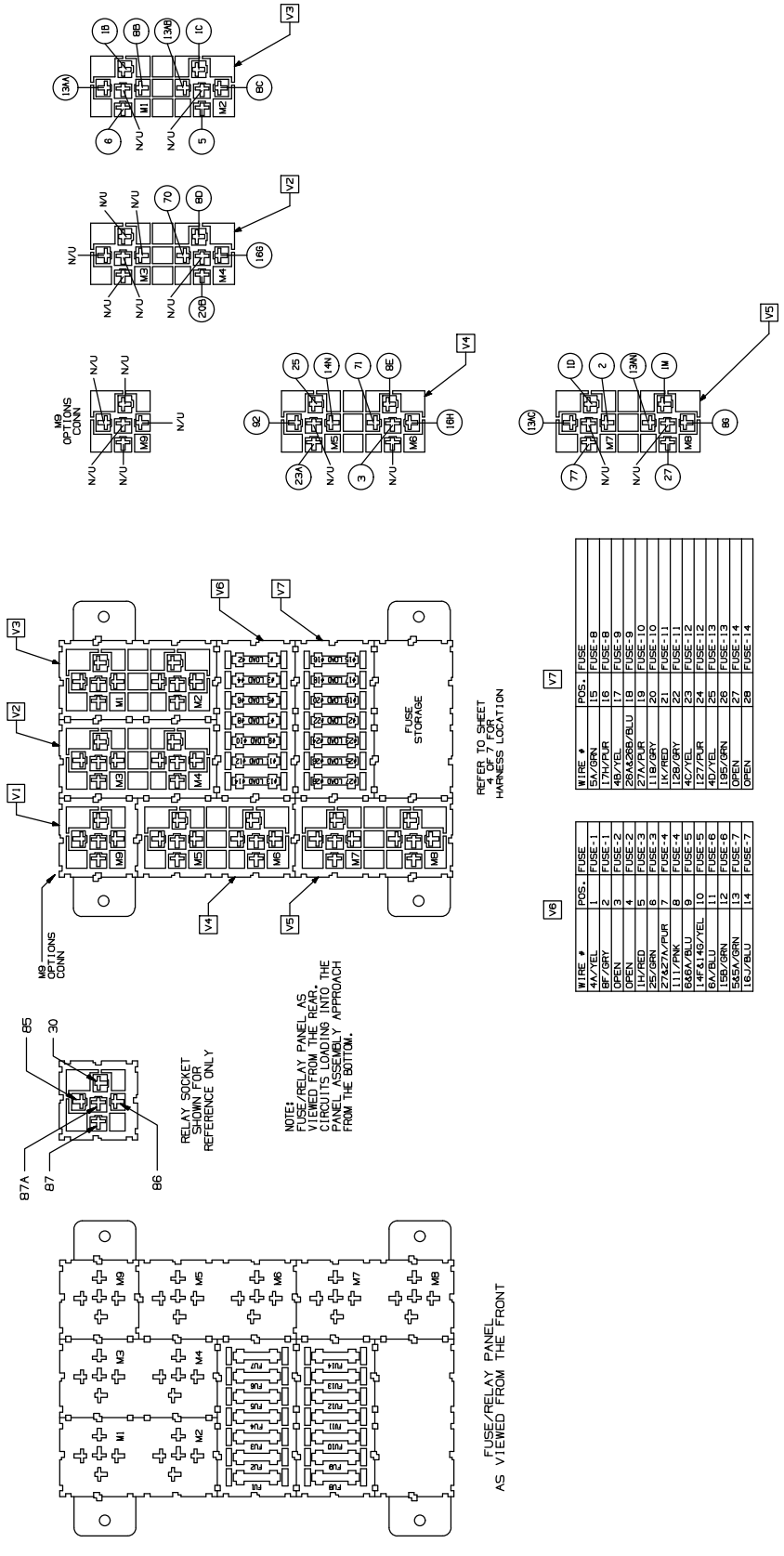


Fig. 62 – Electrical Wire Harness Group, Main (013001–)



357116 – T20

Ref.	Part No.	Serial Number	Description	Qty.
1	1076973	(013001–)	Harness, Main T20]	1
2	222290	(013001–)	Diode, Ele, Plug	2

Fig. 63 – Electrical Wire Harness Group, Diesel Engine

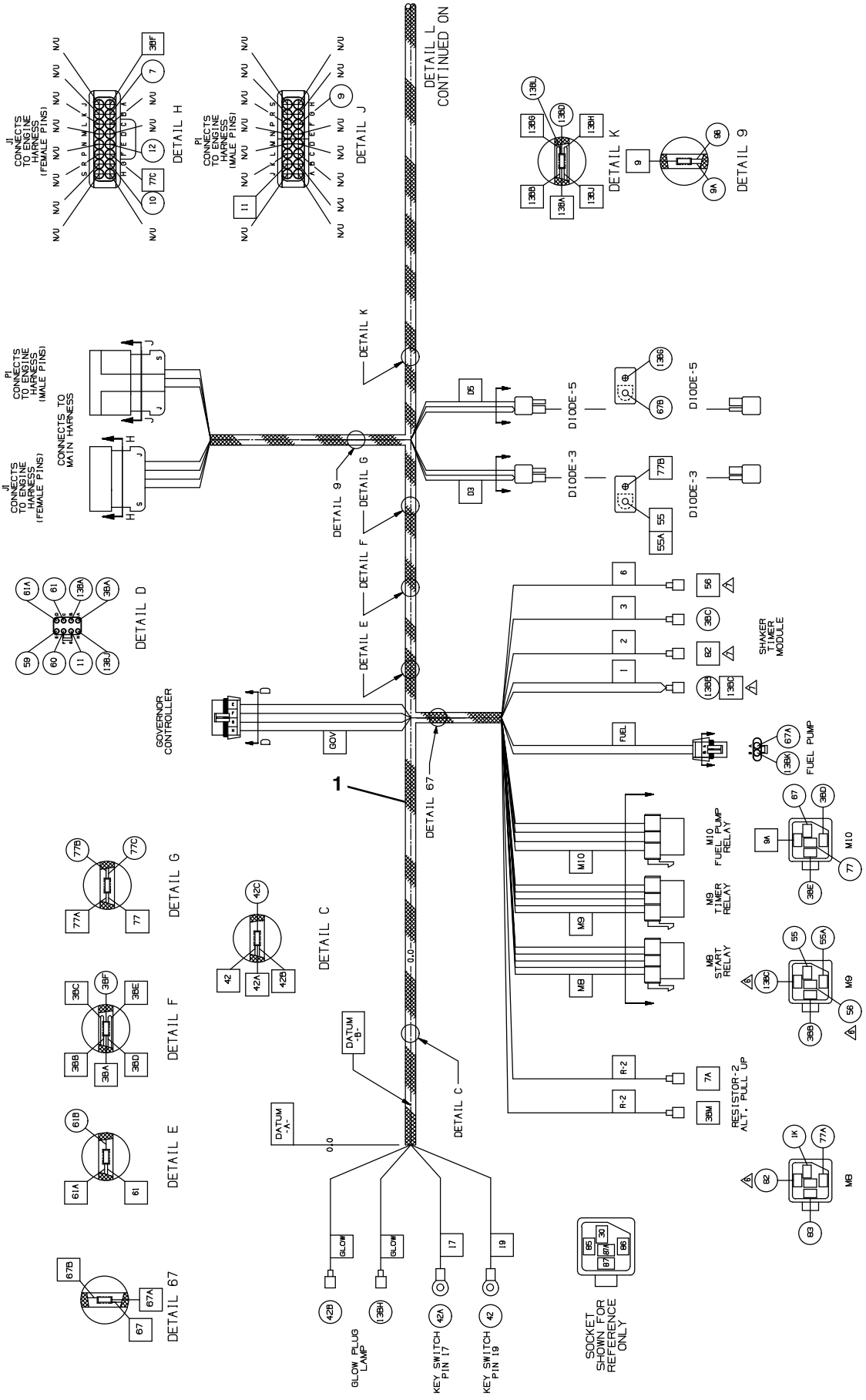
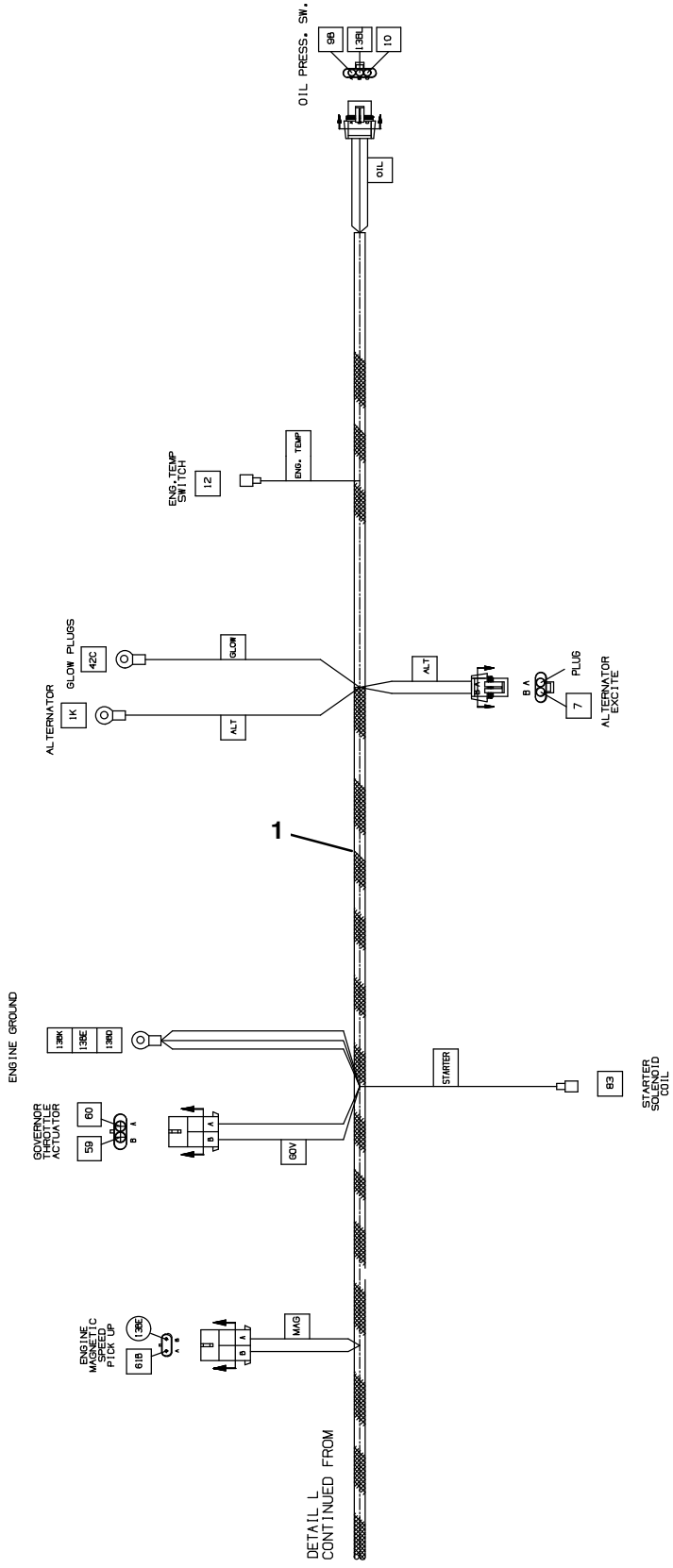


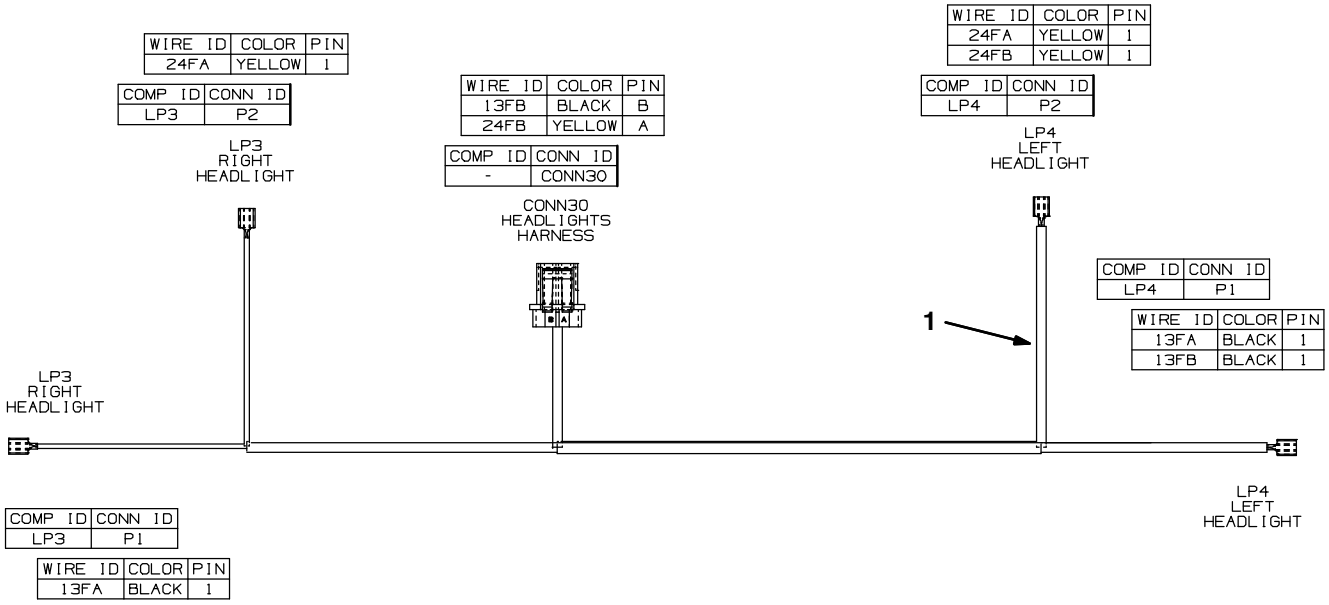
Fig. 63 – Electrical Wire Harness Group, Diesel Engine



356687 – D

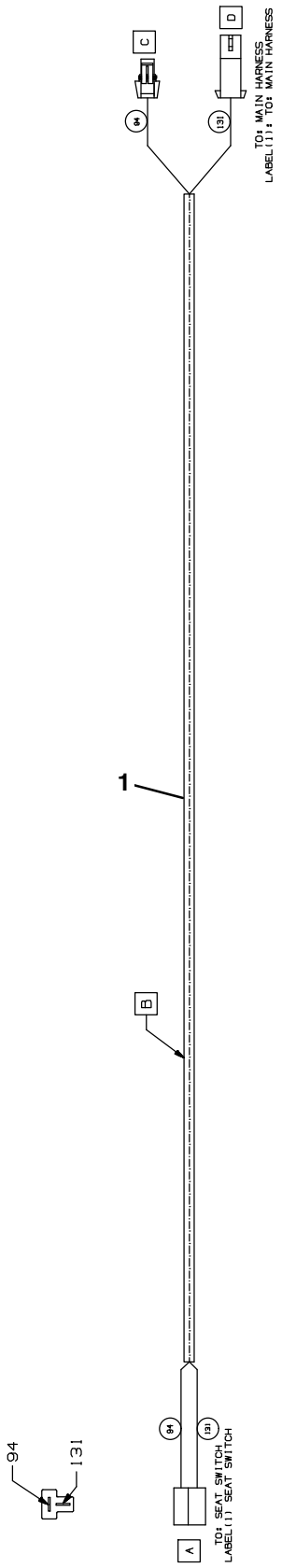
Ref.	Part No.	Serial Number	Description	Qty.
1	1075129	(008000–)	Harness, Eng, Dsl [M20/T20/M30]	1

Fig. 64 – Electrical Wire Harness Group, Headlight



Ref.	Part No.	Serial Number	Description	Qty.
1	1024141	(008000–)	Harness, Headlight [M20 And T20]	1

Fig. 65 – Electrical Wire Harness Group, Seat Switch



356994

Ref.	Part No.	Serial Number	Description	Qty.
1	1075141	(008000–)	Harness, Ele [Ce, Seat]	1

Fig. 66 – Label Group

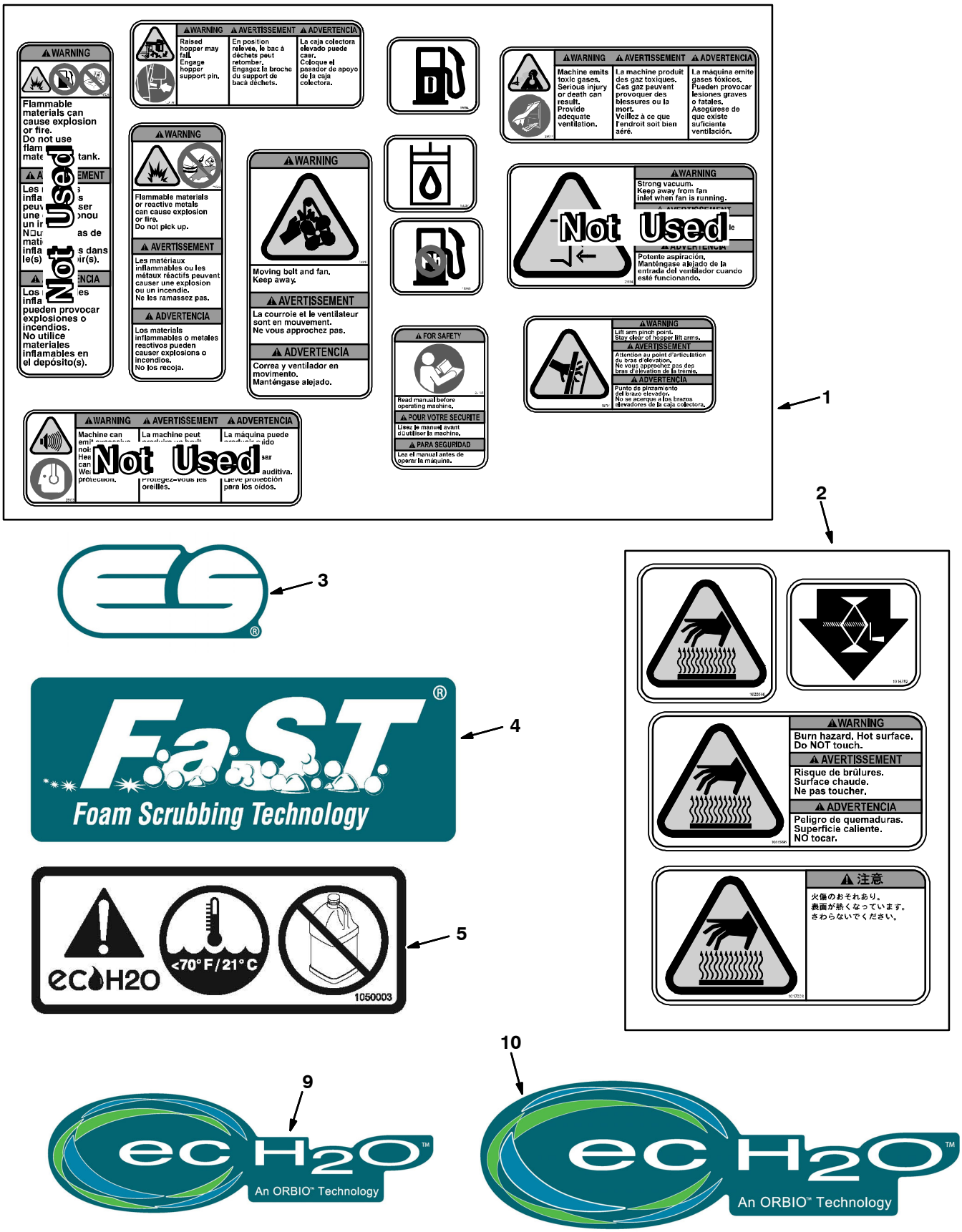
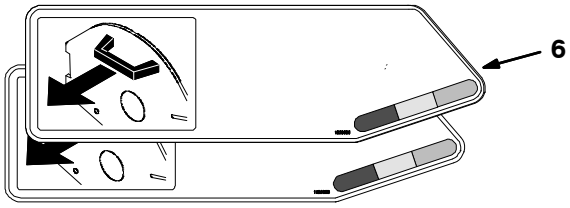


Fig. 66 – Label Group



T20 – D

Ref.	Part No.	Serial Number	Description	Qty.
1	77221	(008000–)	Label Set, Info/Hzrd, Swpr / Scrbr	1
2	1017141	(008000–)	Label Set, Hi Temp	1
3	1065343	(008000–)	Label, Logo, 05.75L 2Color [ES]	3
4	1065342	(008000–)	Label, Logo, 07.95L 2Color [FaST]	3
5	1050003	(008000–)	Label [User, Attention, ec–H2O]	2
6	1031017	(008000–)	Label Set, Brush Indicator & Removal	1
7	1032450	(008000–)	Label Set, Info/Hzrd, Swpr / Scrbr, Tj (Japan Only)	1
8	1064661	(008000–)	Label, Model, 2Color [T20]	2
9	1062813	(008000–)	Label, Logo, 12.3L 4Color [ec–H2O]	1
10	1064440	(008000–)	Label, Logo, 16.9L 4Color [ec–H2O]	1

SECTION 3

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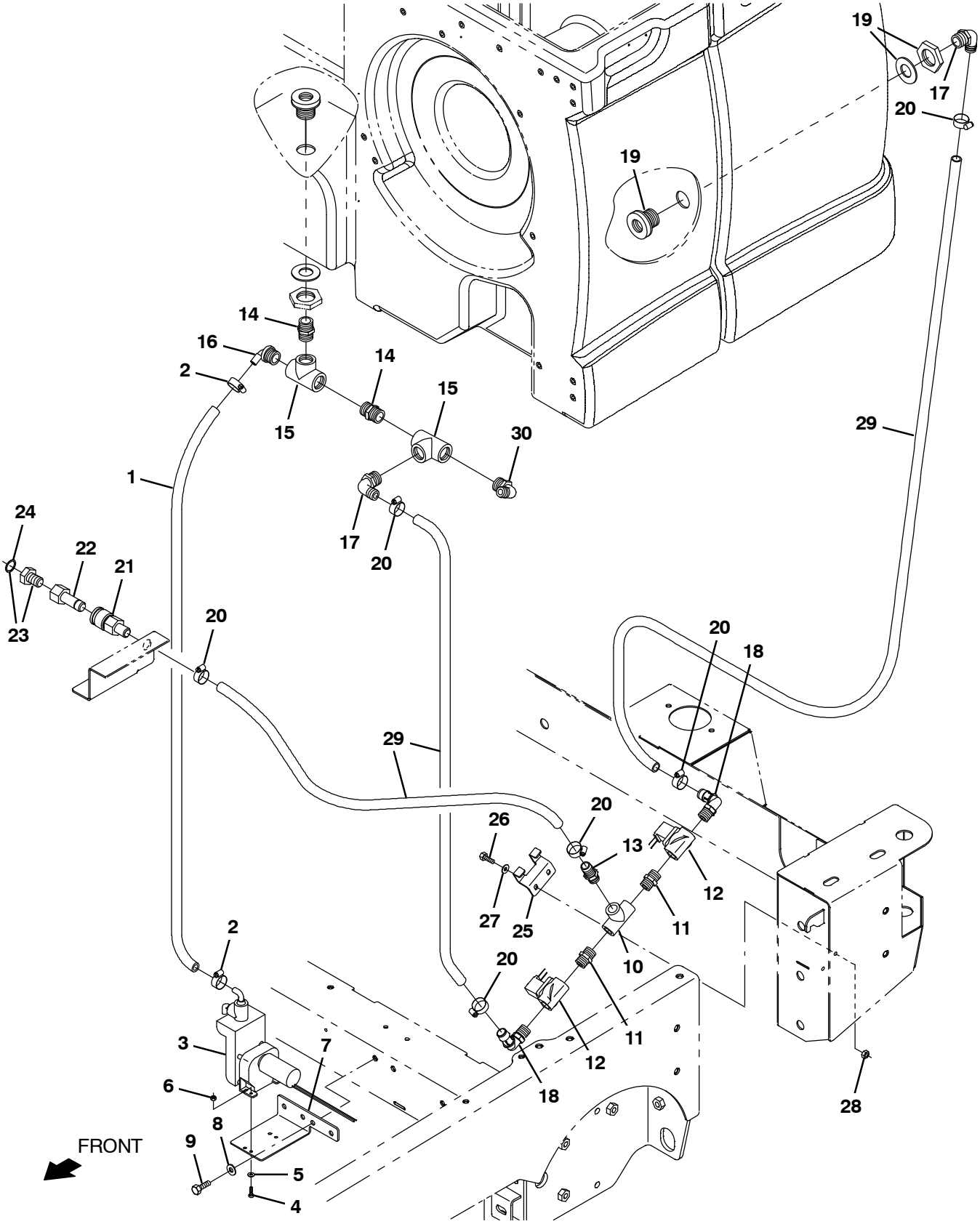
Fig. 1 – ES Pump Group

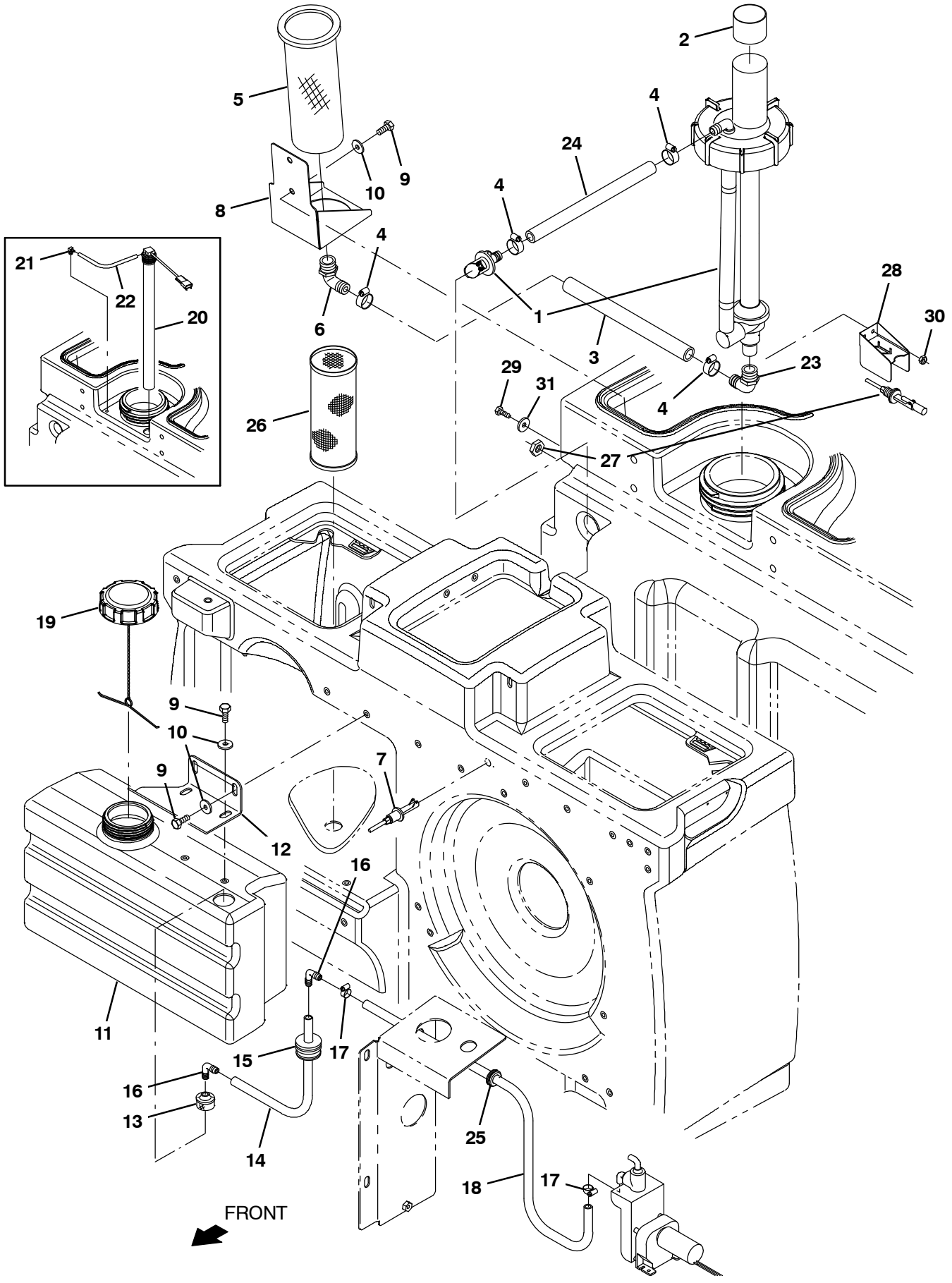


354524 – T20

Fig. 1 – ES Pump Group

	Ref.	Part No.	Serial Number		Description	Qty.
	1	41295	(008000–	)	Hose, Pvc, Clr, 0.38id 0.56od 48.00l	1
	2	43844	(008000–	)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	2
	3	73260	(008000–	)	Pump, Detgt, 14vdc, 150ml/Min 20psi (See Breakdowns)	1
	4	24265	(008000–	)	Screw, Pan, M4 X 0.7 X 16, Ss	2
	5	01683	(008000–	)	Washer, Flat, #10, Ss	2
	6	33932	(008000–	)	Nut, Hex, Lock, M4 X 0.7, Nl, Ss	2
	7	1021325	(008000–	)	Bracket, Mtg, Valve	1
	8	01685	(008000–	)	Washer, Flat, 0.31, Ss	2
	9	09740	(008000–	)	Screw, Hex, M8 X 1.25 X 20, Ss	2
	10	79497	(008000–	)	Fitting, Plstc, Tee, Pf08/Pf08/Pf08	1
	11	86508	(008000–	)	Fitting, Plstc, Str, Pm08/Pm08	2
	12	73433	(008000–	)	Valve, Water, Solenoid, 12vdc 0.08pf	2
	13	78398	(008000–	)	Fitting, Plstc, Str, Bm12/Pm08, Nyl	1
	14	24544	(008000–	)	Fitting, Plstc, Str, Pm12/Pm12 1.60l	2
	15	42133A	(008000–	)	Fitting, Plstc, Tee, Pf12/Pf12/Pf12	2
	16	79484	(008000–	)	Fitting, Plstc, E90, Bm06/Pm12, Nyl	1
	17	14877	(008000–	)	Fitting, Plstc, E90, Bm12/Pm12	2
	18	63244–2	(008000–	)	Fitting, Plstc, E90, Bm12/Pm08	2
	19	377349	(008000–	)	Fitting, Plstc, Pf12/Pf12, Bh	1
	20	63810	(008000–	)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	6
	21	24105	(008000–	)	Fitting, Brs, Qdc, Bm12/Qf08	1
	22	33295	(008000–	)	Fitting, Brs, Qdc, Pf08 [Parker Bh3f]	1
▽	23	375322	(008000–	)	Fitting Kit, Hose, Garden	1
▲	24	01316	(008000–	)	Washer, Flat, 0.66b 1.00d .12, Rbr	1
	25	1016837	(008000–	)	Bracket, Mtg, Valve	1
	26	08716	(008000–	)	Screw, Hex, M6 X 1.0 X 20, Ss	2
	27	01684	(008000–	)	Washer, Flat, 0.25, Ss	2
	28	08712	(008000–	)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	2
	29	1015044	(008000–	)	Hose, Afmkt, Pvc, Brd 0.75id 12ft	1
	30	73468	(008000–	)	Fitting, Plstc, E90, Bm10/Pm12	1

Fig. 2 – ES Tanks Group

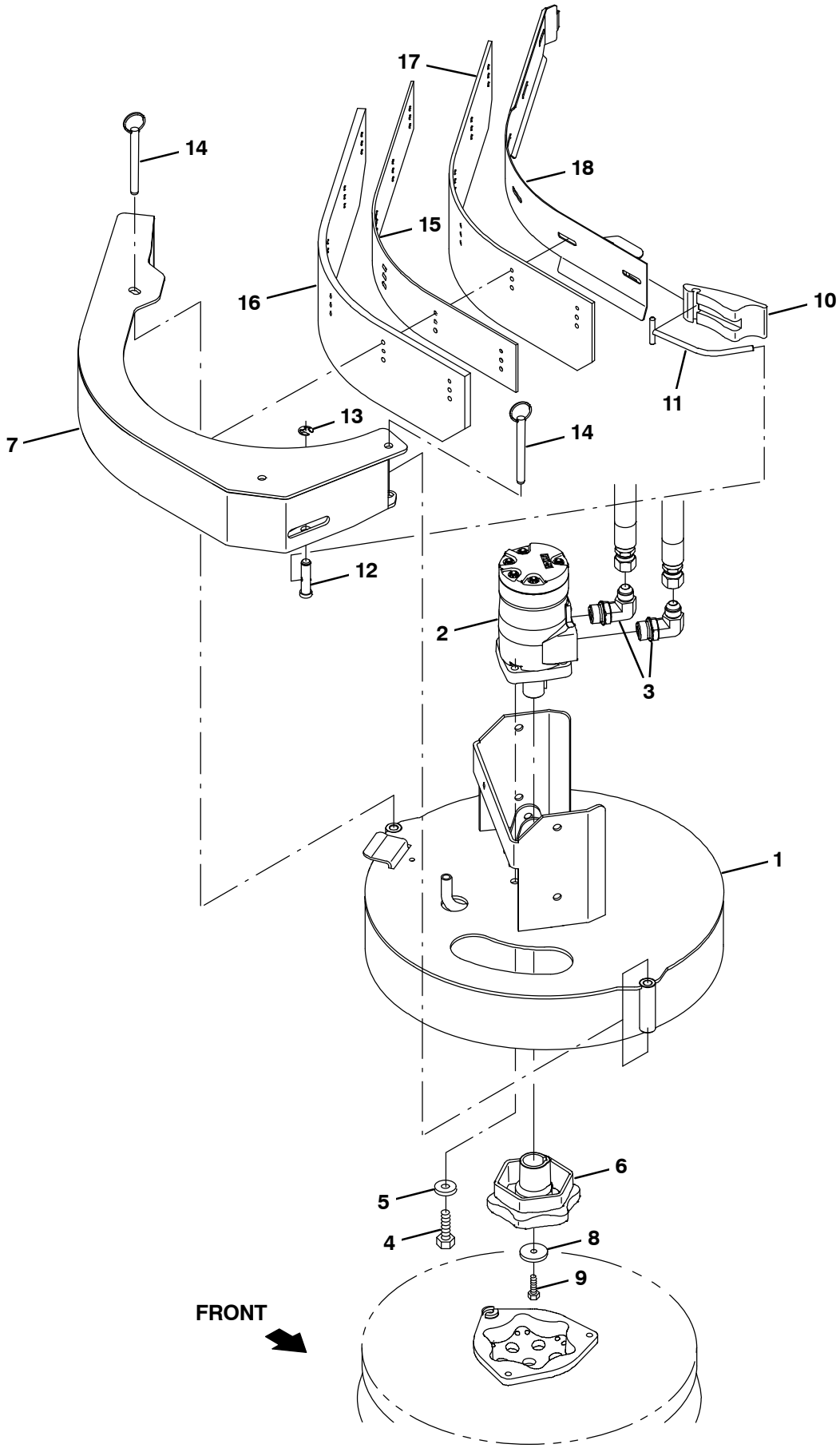


354462

Fig. 2 – ES Tanks Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1021210	(008000–)	Pump Assy, Column, Es (See Breakdowns)	1
2	1028697	(008000–)	Sleeve, Rbr, 3.50b 3.58d 1.8l	1
3	1015048	(008000–)	Hose, Afmkt, Pvc, Brd 0.75id 01ft	1
4	63810	(008000–)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	4
5	386652	(008000–)	Strainer, Soltn, 20 Mesh, Cyl 3.5d 9.5l	1
6	24543	(008000–)	Fitting, Plstc, E90, Bm12/Pf12	1
7	385685	(008000–)	Sensor, Level, Liq, 14vdc 01a .62–11	1
8	1019636	(008000–)	Bracket, Mtg, Strainer	1
9	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	6
10	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	6
11	1022229	(008000–)	Tank, Detgt, Trimmed	1
12	1025159	(008000–)	Bracket, Mtg, Detgt And Spray Wand	1
13	20952	(008000–)	Screen, Pump	1
14	1014974	(008000–)	Hose, Afmkt, Pvc, Brd 0.38id 02ft	1
15	20944	(008000–)	Grommet, Pye, 0.37id, F/1.5h, .13 Matl	1
16	20951	(008000–)	Fitting, Plstc, E90, Bm06/Bm06	2
17	43844	(008000–)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	2
18	41295	(008000–)	Hose, Pvc, Clr, 0.38id 0.56od 48.00l	1
19	1011885	(008000–)	Cap, Tank	1
20	1072877	(008000–011138)	Switch Assy, Press, 3.0, 17.5l Tube	1
21	32183	(008000–011138)	Fitting, Brs, E90, Pm02/Bm03	1
22	1031572	(008000–011138)	Hose, Afmkt, Vacuum, 0.16id, 01ft	1
23	14877	(008000–)	Fitting, Plstc, E90, Bm12/Pm12	1
24	1015033	(008000–)	Hose, Afmkt, Pvc, Brd 0.62Id, 01Ft, Clr	1
25	10632–2	(008000–)	Grommet, Rbr, 0.62id, F/0.9h, .12 Matl	1
26	1039019	(008000–)	Filter, Soltn, 020mesh, Pm12 3.2d 08.0l	1
27	385685	(011139–)	Sensor, Level, Liq, 14vdc 01a .62–11	1
28	1037816	(011139–)	Bracket, Protector, Float Switch	1
29	09007	(011139–)	Screw, Hex, M6 X 1.00 X 25, Ss	2
30	08712	(011139–)	Nut, Hex, Lock, M6 X 1.00, Nl, Ss	2
31	76426	(011139–)	Washer, Sealing, 0.28b 0.75d Ss, Neo	2

Fig. 3 – Side Brush Motor Group



354463

Fig. 3 – Side Brush Motor Group

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1047002	(008000–)	Bracket Wldt, Mtg, Side Brush Fixed	1
▽	2	1068812	(008000–)	Motor, Hyd, Gear, Int 08.9 Bi–Dir 2500	1
▲		22615	(008000–)	Seal Kit, Motor [Cl]	1
	3	56821	(008000–)	Fitting, Hyd, E90, Jm08/Om10	2
	4	01762	(008000–)	Screw, Hex, .38–16 X 0.75, Nl	4
	5	32492	(008000–)	Washer, Flat, 0.38 Std	4
	6	1042968	(008000–)	Hub, Drive, Brush, Disk, 1.00b [6t]	1
	7	1046976	(008000–)	Bumper Wldt, Brush, Side	1
	8	19191	(008000–)	Spacer	1
	9	25046	(008000–)	Screw, Hex, .25–20 X 1.00, 5	1
	10	1222020	(008000–)	Cam, Front, Yel	1
	11	386298	(008000–)	Pin Wldt, Front	1
	12	21603	(008000–)	Pin, Grvd, 0.43d 01.8l [303ss]	1
	13	24555	(008000–)	Ring, Retaining, Ext, 0.38d, [E–Ring]	1
	14	369359	(008000–)	Pin, Hitch, .375d X 3.12l, Pl	2
	15	1046995	(008000–)	Spacer, Sqge, Side Brush	1
	16	1046980	(008000–)	Blade, Sqge, Side Brush, Linatex	1
	16	1059091	(008000–)	Blade, Sqge, Side Brush, Urethane	1
	17	1047238	(008000–)	Blade, Sqge, Side Brush, Linatex	1
	17	1059092	(008000–)	Blade, Sqge, Side Brush, Urethane	1
	18	1047060	(008000–)	Plate Wldt, Retainer, Sqge	1

Fig. 4 – Side Brush Lift Group

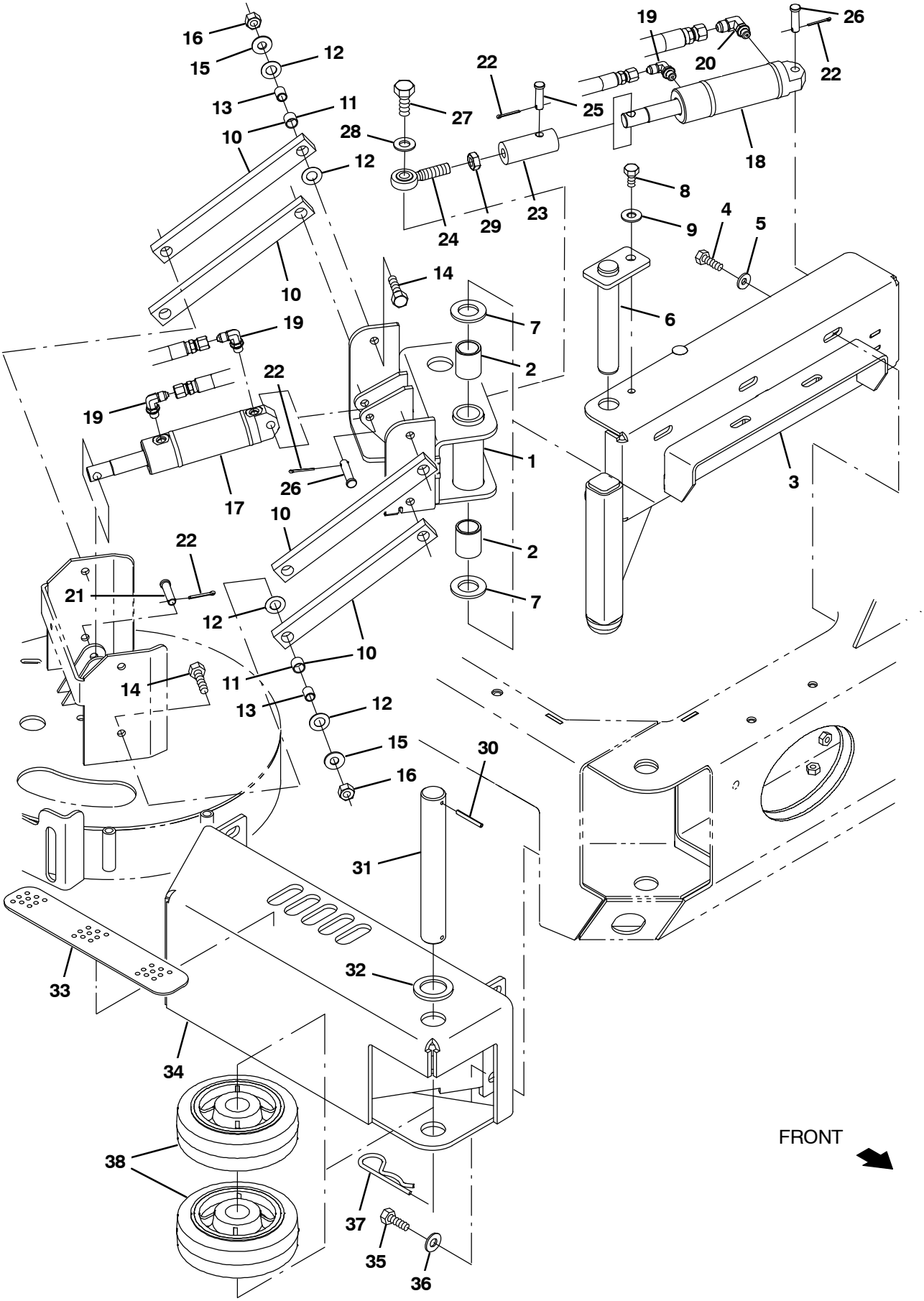


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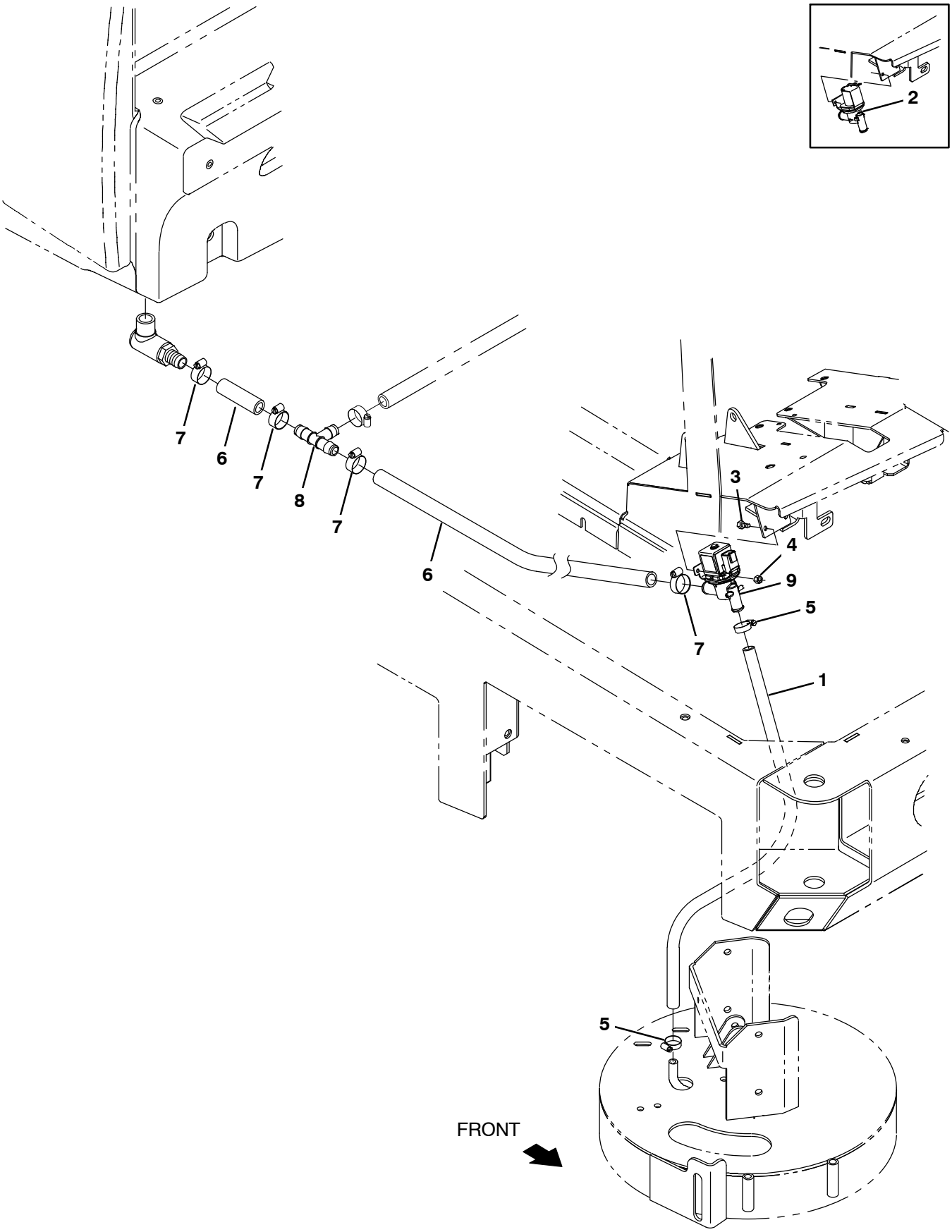
Fig. 4 – Side Brush Lift Group

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1021439	(008000–)	Pivot Wldt, Brush, Side	1
	2	71868	(008000–)	Bushing, Sleeve, 1.00b 1.13d 1.50l, Fgl	2
	3	1021473	(008000–)	Channel Wldt, Pivot	1
	4	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	5
	5	41186	(008000–)	Washer, Flat, Belleville, .31	5
	6	1021617	(008000–)	Pin Wldt	1
	7	71869	(008000–)	Washer, Thrust, 1.00b 1.75d 0.13w, Fbr	2
	8	16735	(008000–)	Screw, Hex, M8 X 1.25 X 16, 8.8	1
	9	32491	(008000–)	Washer, Flat, 0.31, Std	1
▽	10	63175–1	(008000–)	Arm, Link	4
▲	11	63233	(008000–)	Bushing, Sleeve, 0.50b 0.59d 0.50l, Bnz	2
	12	59633	(008000–)	Bearing, Thrust, 0.53b 1.00d 0.03w	16
	13	1027926	(008000–)	Sleeve, P/M, 0.37b 0.50d 0.6l [430ss]	8
	14	36845	(008000–)	Screw, Hex, .38–16 X 1.50, Ss	8
	15	01685	(008000–)	Washer, Flat, 0.31, Ss	8
	16	59156	(008000–)	Nut, Hex, Lock, .38–16, Nl, Ss	8
	17	1038137	(008000–)	Cylinder, Hyd, 1.5b 07.8l 02.80strk 2500	1
	18	1038115	(008000–)	Cylinder, Hyd, 1.5b 07.8l 02.75strk 2500	1
	19	77097	(008000–)	Fitting, Hyd, E90, Jm04/Om04	3
	20	77098	(008000–)	Fitting, Hyd, E90, Jm06/Om04	1
	21	29558	(008000–)	Pin, Clevis, 0.37d X 1.50l	1
	22	08179	(008000–)	Pin, Cotter, .094 X 1.00	4
	23	1021564	(008000–)	Adapter, Rod–End, Side Brush	1
	24	71874	(008000–)	Rod–End, .50–20rh Mal 0.50b	1
	25	29557	(008000–)	Pin, Clevis, 0.37d X 1.31l	1
	26	17461	(008000–)	Pin, Clevis, 0.37d X 1.75l	2
	27	41346	(008000–)	Screw, Hex, M12 X 1.75 X 30, 8.8	1
	28	32486	(008000–)	Washer, Flat, 0.50 Sae	1
	29	48985	(008000–)	Nut, Hex, Jam, .50–20	1
	30	23146	(008000–)	Pin, Roll, .187d X 1.62l, .187/.192	1
	31	1053838	(008000–)	Pin, 30mmd X 215mml	1
	32	47719	(008000–)	Washer, Flat, 1.26b 1.88d .13, Stl	1
	33	82839	(008000–)	Tread, Non–Skid, 02.2w 11.5l	1
	34	1022318	(008000–)	Guard Wldt, Brush, Side	1
	35	12317	(008000–)	Screw, Hex, M10 X 1.5 X 30, Ss	4
	36	01686	(008000–)	Washer, Flat, 0.44b 1.00d .08, Ss	4
	37	34411	(008000–)	Pin, Cotter, Hair, 1.00d .178 Wir	1
	37	1060130	(008000–)	Wheel, 06.0D 2.00W 1.19B, Gray Rbr	2

Fig. 5 – Side Brush Solution Control Group (008000–013000)

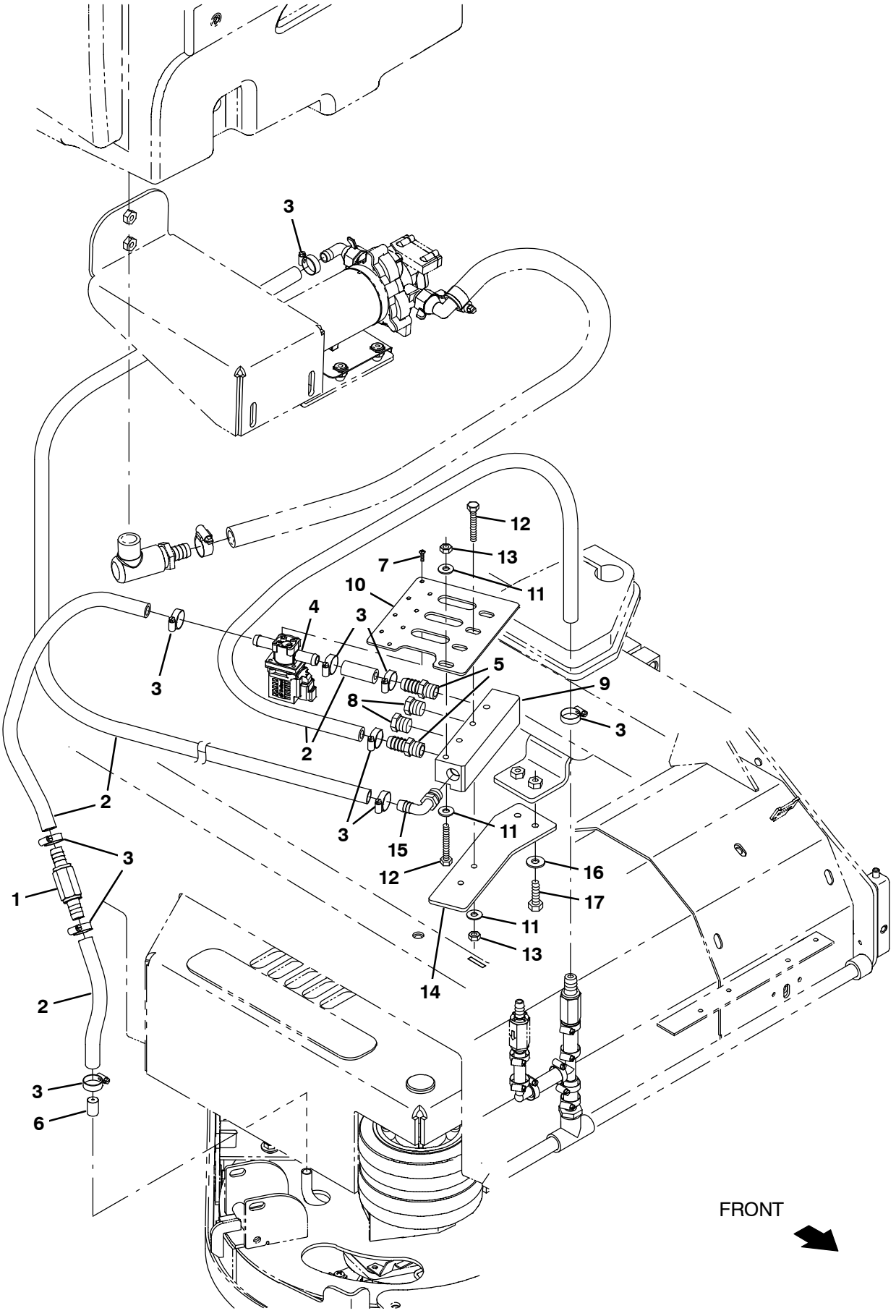


354465

Fig. 5 – Side Brush Solution Control Group (008000–013000)

Ref.	Part No.	Serial Number	Description	Qty.
1	50178	(008000–013000)	Hose, Pvc, Clr, 0.50id 0.69od 26.00l	1
2	9016494	(008000–009613)	Valve Kit, Replacement 12v St Flow	1
3	09738	(008000–013000)	Screw, Hex, M5 X 0.8 X 12, Ss	2
4	09739	(008000–013000)	Nut, Hex, Lock, M5 X 0.8, Nl, Ss	2
5	54333	(008000–013000)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
6	1015032	(008000–013000)	Hose, Afmkt, Pvc, Brd 0.62id 08ft	1
7	63810	(008000–013000)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	4
8	1062116	(008000–013000)	Fitting, Plstc, Tee, Bm10/Bm10/Bm10, Nyl	1
9	1075241	(009614–013000)	Valve Assy, Water, Solenoid, 12vdc	1

Fig. 6 – Side Brush Solution Control Group (013001–)

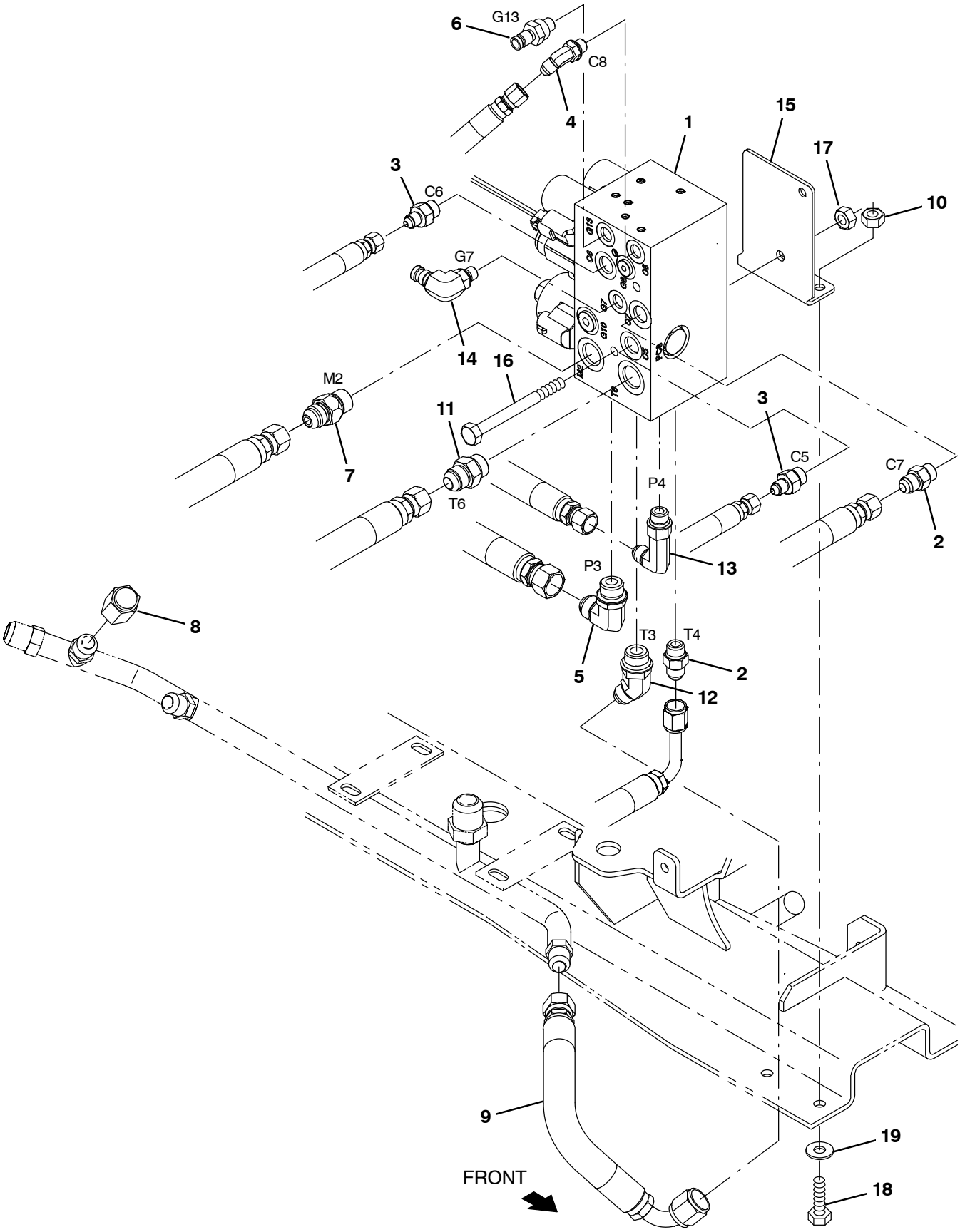


357110 – T20

Fig. 6 – Side Brush Solution Control Group (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1251530	(013001–)	Valve, Check, 1.0psi, Bm08/Bm08	1
2	1011412	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
3	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	6
4	1076870	(013001–)	Valve, Water, Solenoid [12vdc, Bm08/Bm08	1
5	64743	(013001–)	Fitting, Plstc, Str, Bm08/Pm06	2
6	1256639	(013001–)	Fitting, Plastic, Rst, 3.00mm	1
7	763149	(013001–)	Screw, Pan, 06– X 0.38, F/ Plstc	2
8	630146	(013001–)	Fitting, Plug, Pm06, Hdpe	2
9	1254833	(013001–)	Manifold, Soln	1
10	1254856	(013001–)	Plate, Manifold, Mtg	1
11	32490	(013001–)	Washer, Flat, 0.25, Std	1
12	1257800	(013001–)	Screw, Hex, M6 X 1.00 X 60, Ss, Fl	4
13	08712	(013001–)	Nut, Hex, Lock, M6 X 1.00, Nl, Ss	1
14	1077124	(013001–)	Bracket, Manifold, Stratus	1
15	64778	(013001–)	Fitting, Plstc, E90, Bm08/Pm06	1
16	32491	(013001–)	Washer, Flat, 0.31, Std	2
17	39277	(013001–)	Screw, Hex, M8 X 1.25 X 25, 8.8	2

Fig. 7 – Side Brush Hydraulic Valve Group

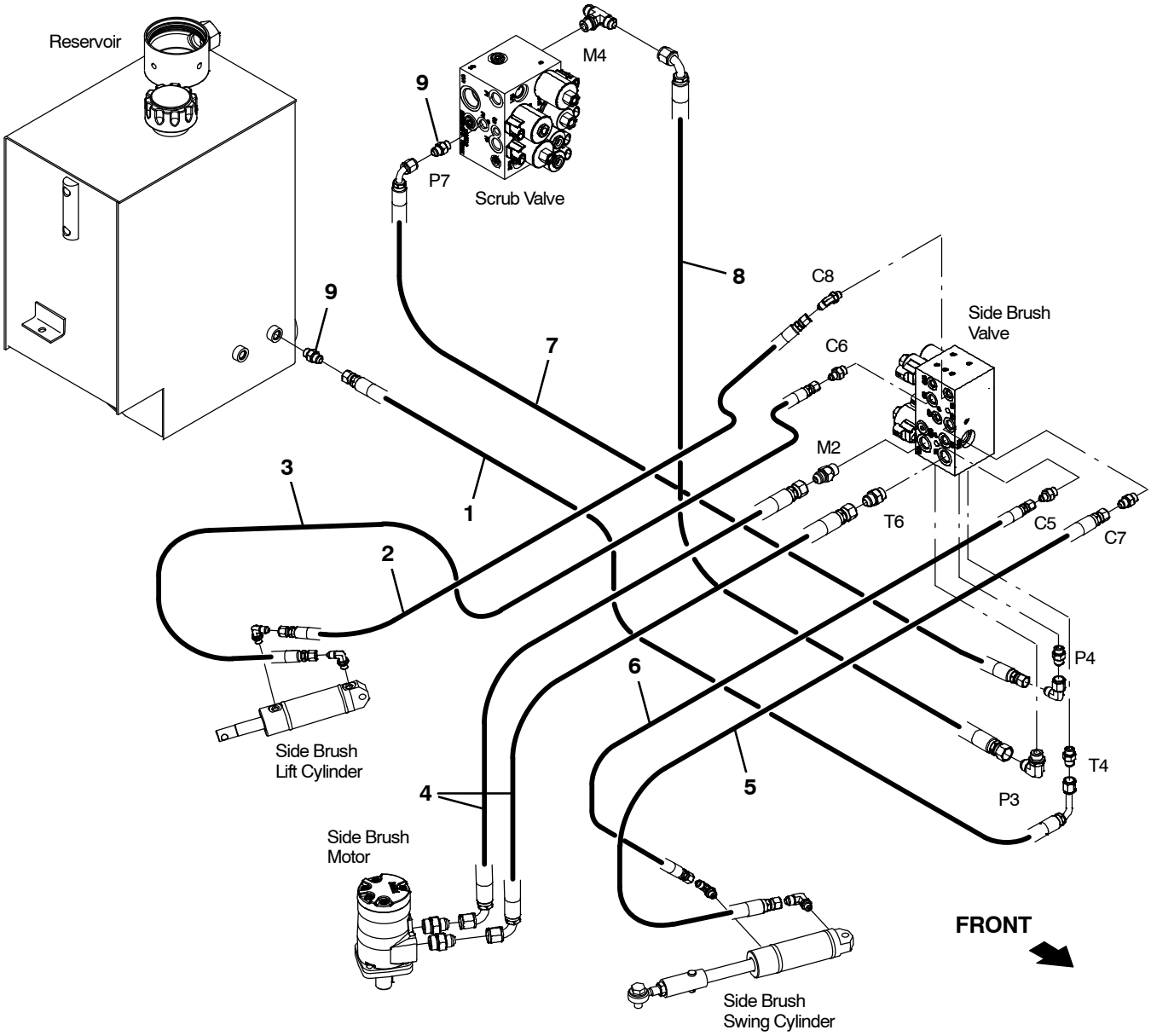


354466

Fig. 7 – Side Brush Hydraulic Valve Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1072997	(008000–)	Valve, Cntrl, Hyd, Solenoid, 03/16gpm (See Breakdowns)	1
2	56690	(008000–)	Fitting, Hyd, Str, Jm06/Om06	2
3	55685	(008000–)	Fitting, Hyd, Str, Jm04/Om06	2
4	34359	(008000–)	Fitting, Hyd, E45, Jm04/Om04	1
5	44868	(008000–)	Fitting, Hyd, E90, Jm08/Om08	1
6	395973	(008000–)	Fitting, Hyd, Str, Om04/Qm04	1
7	1026119	(008000–)	Valve, Hyd, Check, Jm08/Om08 5000psi	1
8	60090	(008000–)	Fitting, Hyd, Cap, Jf08	1
9	1037011	(008000–)	Hose, Hyd, Tc08, Jf08str/Jf08e90, 012.0	1
10	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	2
11	44869	(008000–)	Fitting, Hyd, Str, Jm08/Om08	1
12	42226	(008000–)	Fitting, Hyd, E45, Jm08/Om08	1
13	71727	(008000–)	Fitting, Hyd, E90, Jf06/Jm06, Long	1
14	395974	(008000–)	Fitting, Hyd, E90, Om04/Qm04	1
15	1045272	(008000–)	Bracket, Valve, Sba [M20 And T20]	1
16	364441	(008000–)	Screw, Hex, M8 X 1.25 X 110, Ss	2
17	08709	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl	2
18	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	2
19	32491	(008000–)	Washer, Flat, 0.31, Std	2

Fig. 8 – Side Brush Hydraulic Hose Group

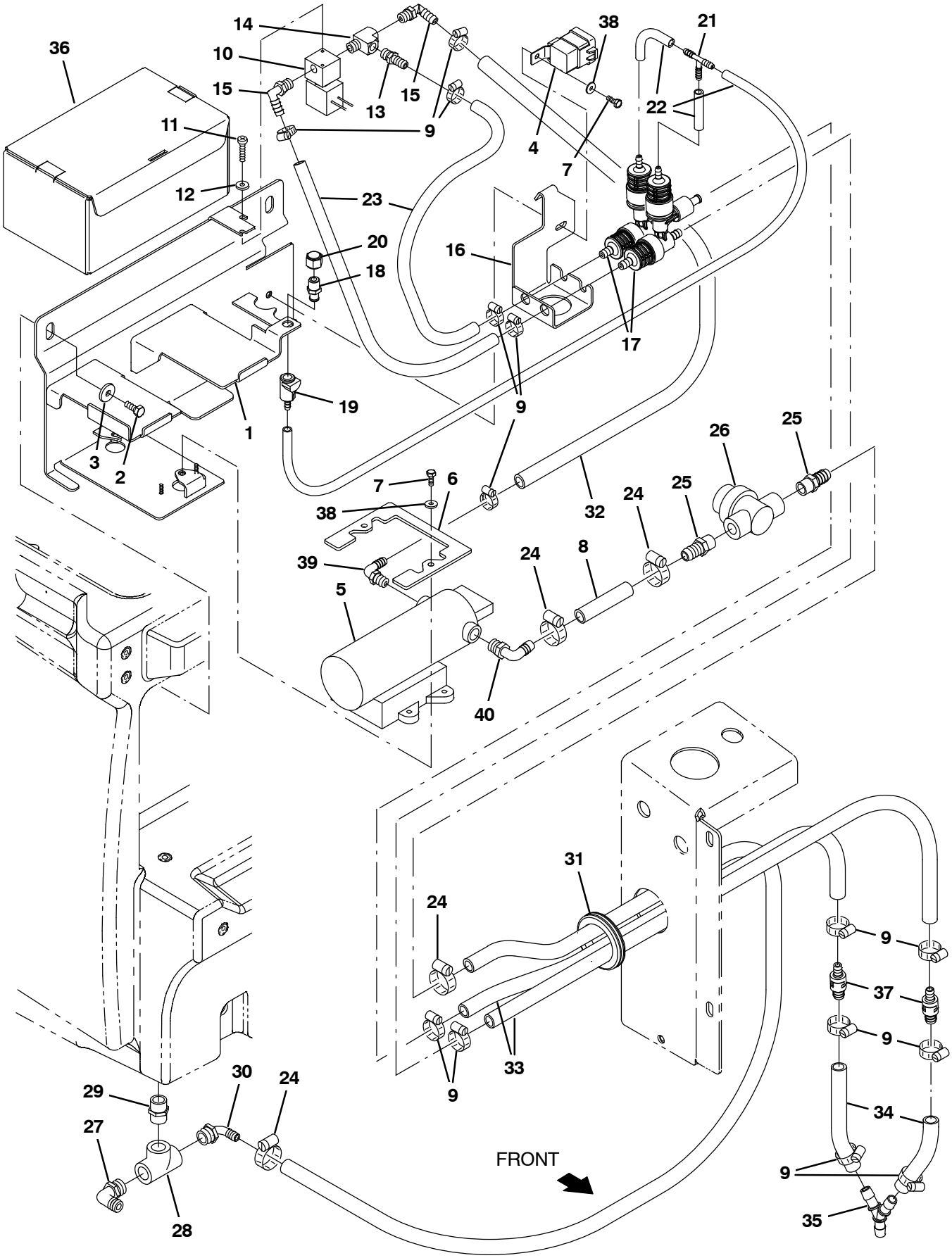


354525 – T20

Fig. 8 – Side Brush Hydraulic Hose Group

Ref.	Part No.	Serial Number	Description	Qty.
1	361047	(008000–)	Hose, Hyd, Med06, Jf06e90l/Jf06str,038.0	1
2	1023485	(008000–)	Hose, Hyd, Tc06, Jf04str/Jf04str, 033.0	1
3	1025990	(008000–)	Hose, Hyd, Tc04, Jf04str /Jf04str, 39.0	1
4	1036965	(008000–)	Hose, Hyd, Tc08, Jf08Str/Jf08Str, 034.0	2
5	1025991	(008000–)	Hose, Hyd, Tc06, Jf06str /Jf06str, 23.0	1
6	1025992	(008000–)	Hose, Hyd, Tc04, Jf04str /Jf04str, 20.0	1
7	1036906	(008000–)	Hose, Hyd, Tc06, Jf06str /Jf06e90, 74.0	1
8	1028270	(008000–)	Hose, Hyd, Tc08, Jf08e90/Jf08str, 084.0	1
9	56690	(008000–)	Fitting, Hyd, Str, Jm06/Om06	2

Fig. 9 – FaST Pumps and Detergent Group

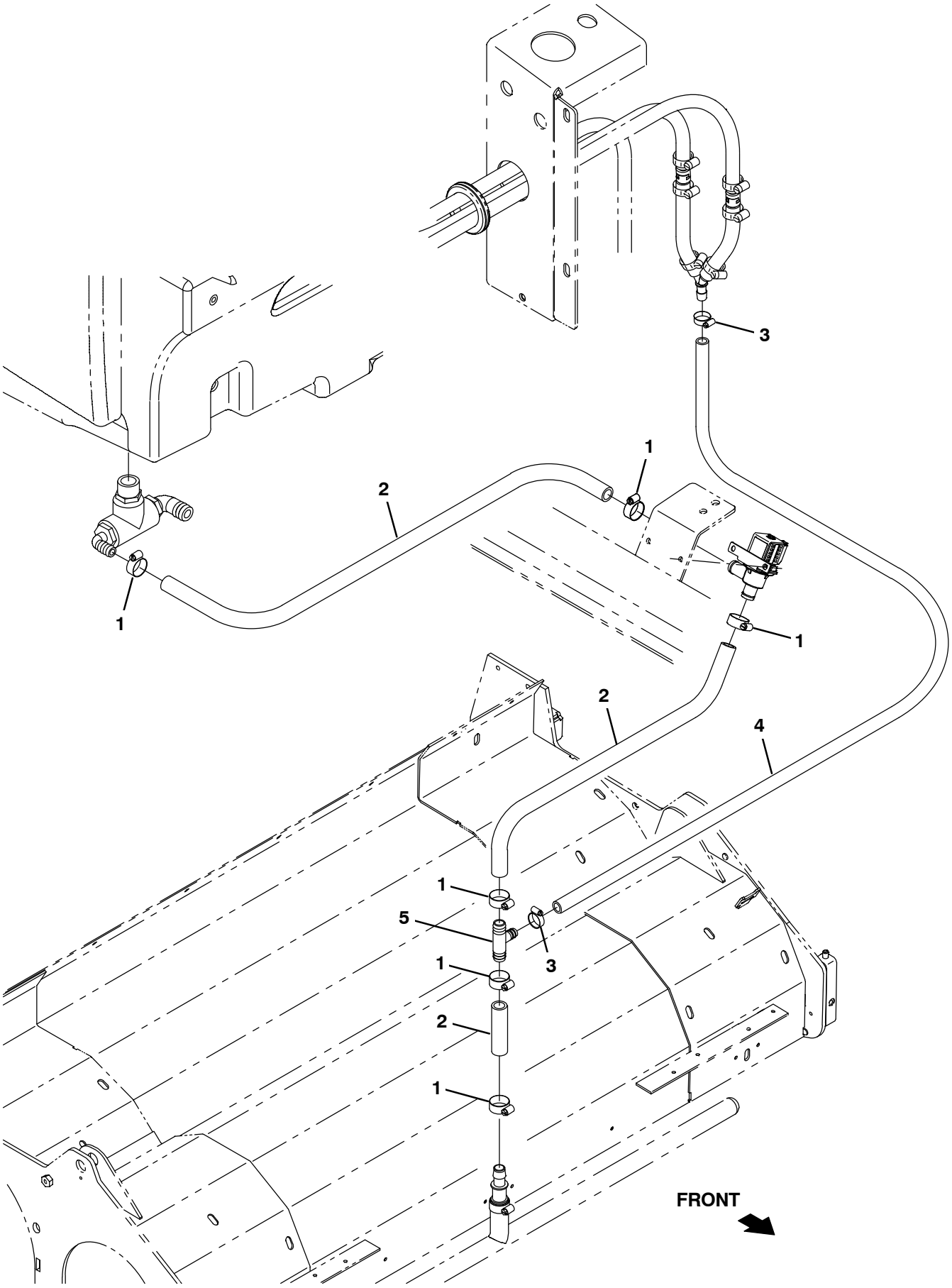


354789

Fig. 9 – FaST Pumps and Detergent Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1044342	(008000–)	Bracket Wldt, Mtg [FaST Gen 2+]	1
2	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	2
3	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	2
4	56186	(008000–)	Relay, 12vdc, 040a, Spdt No	1
5	1036801	(008000–)	Pump, Soltn, 13.7vdc, 65psi [FaST Ii+]	1
6	1039357	(008000–)	Bracket, Retainer, Pump	1
7	15678	(008000–)	Screw, Hex, M6 X 1.00 X 16, Ss	3
8	1011403	(008000–)	Hose, Afmkt, Pvc, Brd, 0.50Id, 01Ft, Clr	1
9	43844	(008000–)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	14
10	1018098	(008000–)	Valve, Water, Solenoid, 12vdc 6.0mm Pf04	1
11	09200	(008000–)	Screw, Pan, Phl, M5 X 0.80 X 12, Ss	2
12	01683	(008000–)	Washer, Flat, 10, Ss	2
13	150540	(008000–)	Fitting, Plstc, Str, Bm06/Pm04	1
14	150709	(008000–)	Fitting, Brs, Tee, Pf04/Pf04/Pm04, Run	1
15	57248	(008000–)	Fitting, Plstc, E90, Bm06/Pm04, Nyl	2
16	1044343	(008000–)	Bracket, Mtg [FaST Gen 2+]	1
17	9008868	(008000–)	FaST Kit, Injector [M20/T20/M30 FaST III] (See Breakdowns)	2
18	1005435	(008000–)	Fitting, Plstc, Pipe, Cap, Pf04	1
19	1002898	(008000–)	Fitting, Plstc, Str, Bm04, Cplg, Fem	1
20	1002899	(008000–)	Fitting, Plstc, Str, Pm04, Cplg, Mal	2
21	150713	(008000–)	Fitting, Plstc, Tee, Bm04/Bm04/Bm04	1
22	1014986	(008000–)	Hose, Afmkt, Pvc, Clr, 0.25id, 02ft	1
23	1006416	(008000–)	Hose, Afmkt, Pvc, Clr, 0.38id, 03ft	1
24	54333	(008000–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	8
25	150538	(008000–)	Fitting, Plstc, Str, Bm06/Pm06	2
26	1005302	(008000–)	Filter, In–Line, Pf06/Pf06 080mesh 02.6l	1
27	73468	(008000–)	Fitting, Plstc, E90, Bm10/Pm12	1
28	42133A	(008000–)	Fitting, Plstc, Tee, Pf12/Pf12/Pf12	1
29	24544	(008000–)	Fitting, Plstc, Str, Pm12/Pm12 1.60l	1
30	1005552	(008000–)	Fitting, Plstc, E90, Bm08/Pm12, Nyl	1
31	10632–19	(008000–)	Grommet, Rbr, 2.13id, F/2.5h, .12 Matl	1
32	1006400	(008000–)	Hose, Afmkt, Pvc, Brd, 0.38id, 03ft, Clr	1
33	1024237	(008000–)	Hose, Afmkt, Pvc, Wir, 0.50id, 03ft, Clr	1
34	1014929	(008000–)	Hose, Afmkt, Pvc, Clr, 0.38id, 01ft	1
35	1010668	(008000–)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	1
36	1017022	(008000–)	Detergent, Pkg, 2 Liter, Sgl [665]	1
37	1035794	(008000–)	Valve, Check, 0005psi Bm06/Bm08	2
38	01684	(008000–)	Washer, Flat, 0.27B 0.69D .05, Ss	3
39	1049254	(008000–)	Fitting, Nyl, Qdc, E90, Bm08/ Qm10	1
40	1049259	(008000–)	Fitting, NylY, Qdc, E90, Bm06/ Qm10	1

Fig. 10 – FaST Solution Supply Group, Cylindrical Scrub Head

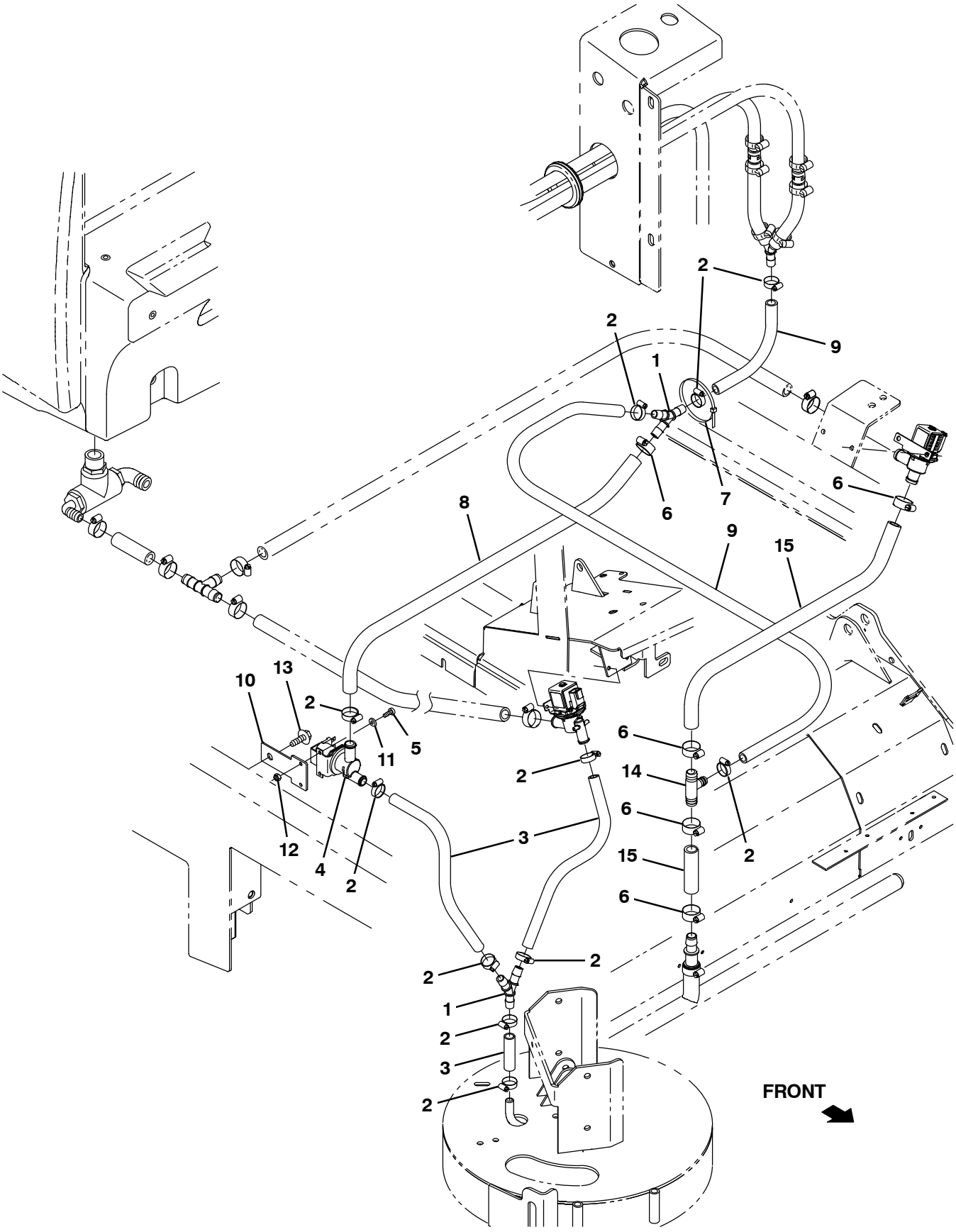


354791

Fig. 10 – FaST Solution Supply Group, Cylindrical Scrub Head

Ref.	Part No.	Serial Number	Description	Qty.
1	63810	(008000–)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	6
2	1015032	(008000–)	Hose, Afmkt, Pvc, Brd, 0.62id, 08ft, Clr	1
3	54333	(008000–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
4	1011412	(008000–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
5	1015486	(008000–)	Fitting, Plstc, Tee, Bm08/Bm10/Bm10, Br	1

Fig. 11 – FaST Solution Supply Group with Side Brush, Cylindrical Scrub Head

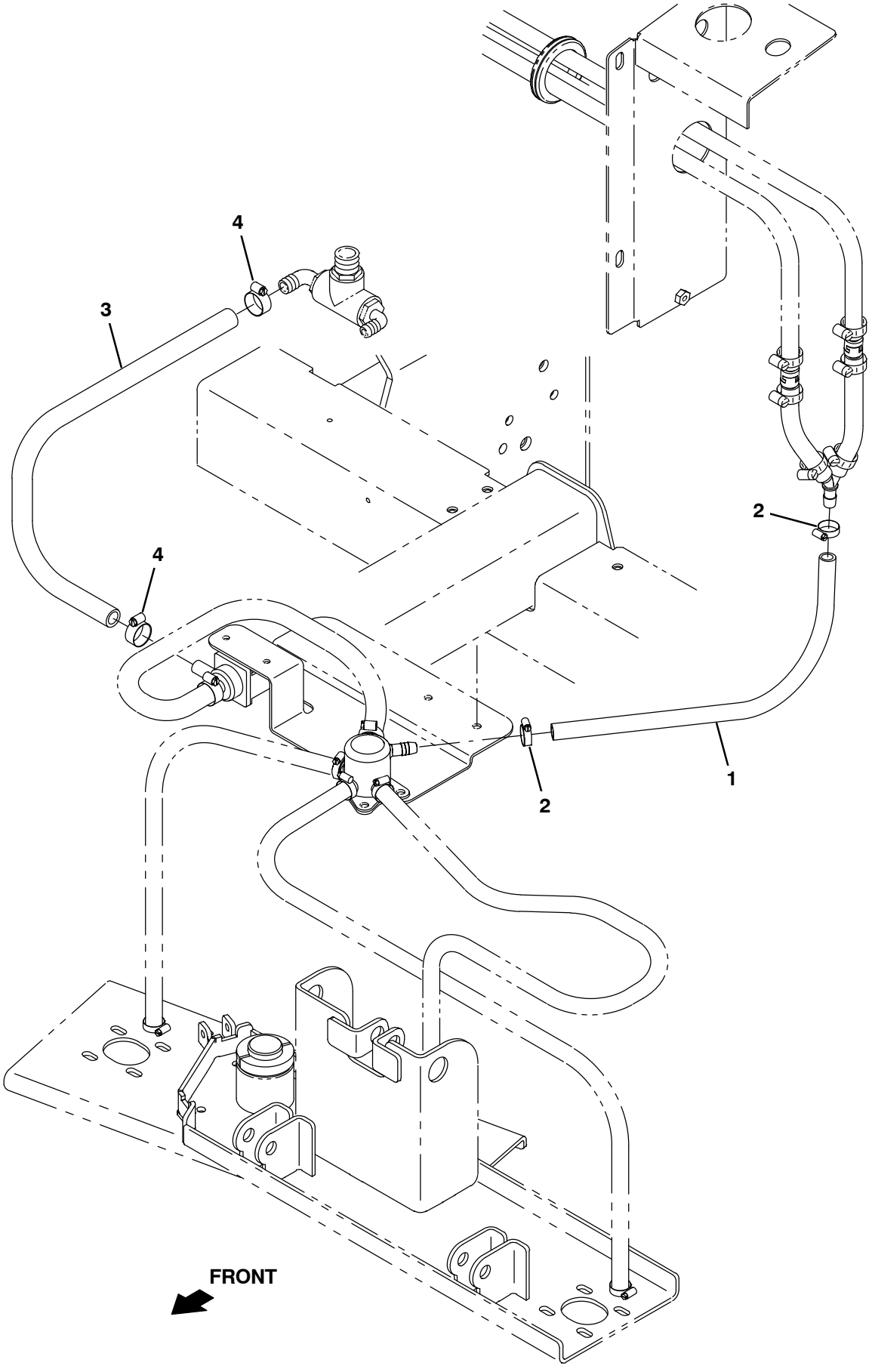


354792

Fig. 11 – FaST Solution Supply Group with Side Brush, Cylindrical Scrub Head

Ref.	Part No.	Serial Number	Description	Qty.
1	1010668	(008000–)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	2
2	54333	(008000–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	11
3	1015067	(008000–)	Hose, Afmkt, Pvc, Clr, 0.50id, 08ft	1
4	1037825	(008000–)	Valve, Solenoid, 12vdc, Water Flow	1
5	09200	(008000–)	Screw, Pan, Phl, M5 X 0.80 X 12, Ss	2
6	63810	(008000–)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	5
7	763116	(008000–)	Tie, Cable, Nyl, 15.3l . W 4.5 Max D	1
8	31543	(008000–)	Hose, Heater, E90, 0.62id, 24.0 4.0	1
9	1011412	(008000–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
10	1030511	(008000–)	Plate, Mtg, Valve	1
11	01683	(008000–)	Washer, Flat, 10, Ss	2
12	09739	(008000–)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	2
13	76099	(008000–)	Screw, Hex, M8 X 1.25 X 25, Fmg	1
14	1015486	(008000–)	Fitting, Plstc, Tee, Bm08/Bm10/Bm10, Br	1
15	1015026	(008000–)	Hose, Afmkt, Pvc, Brd, 0.62id, 03ft, Clr	1

Fig. 12 – FaST Solution Supply Group, Disk Scrub Head

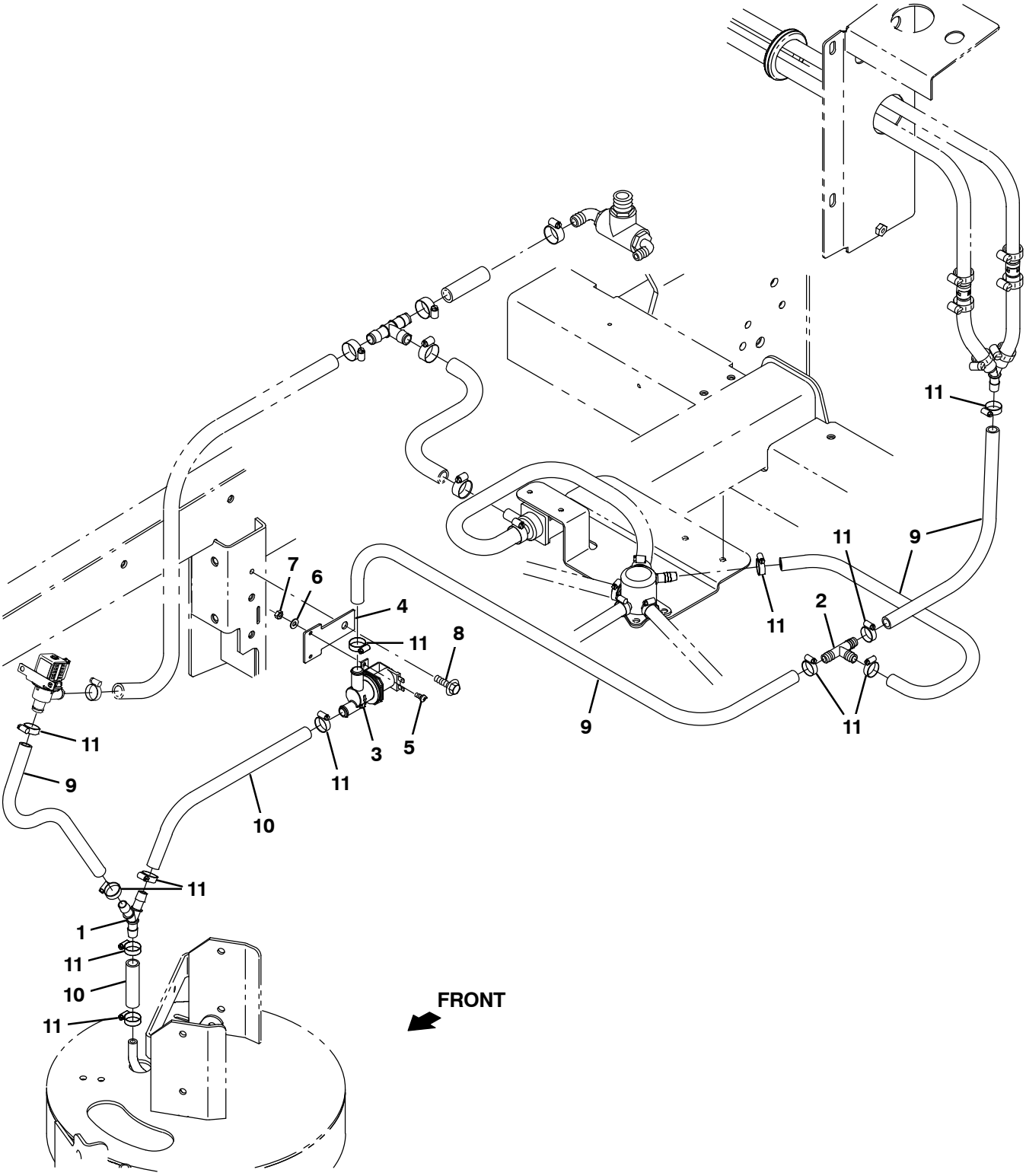


354790 – T20

Fig. 12 – FaST Solution Supply Group, Disk Scrub Head

Ref.	Part No.	Serial Number	Description	Qty.
1	1011412	(008000–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
2	54333	(008000–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
3	1015026	(008000–)	Hose, Afmkt, Pvc, Brd, 0.62id, 03ft, Clr	1
4	63810	(008000–)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	2

Fig. 13 – FaST Solution Supply Group with Side Brush, Disk Scrub Head

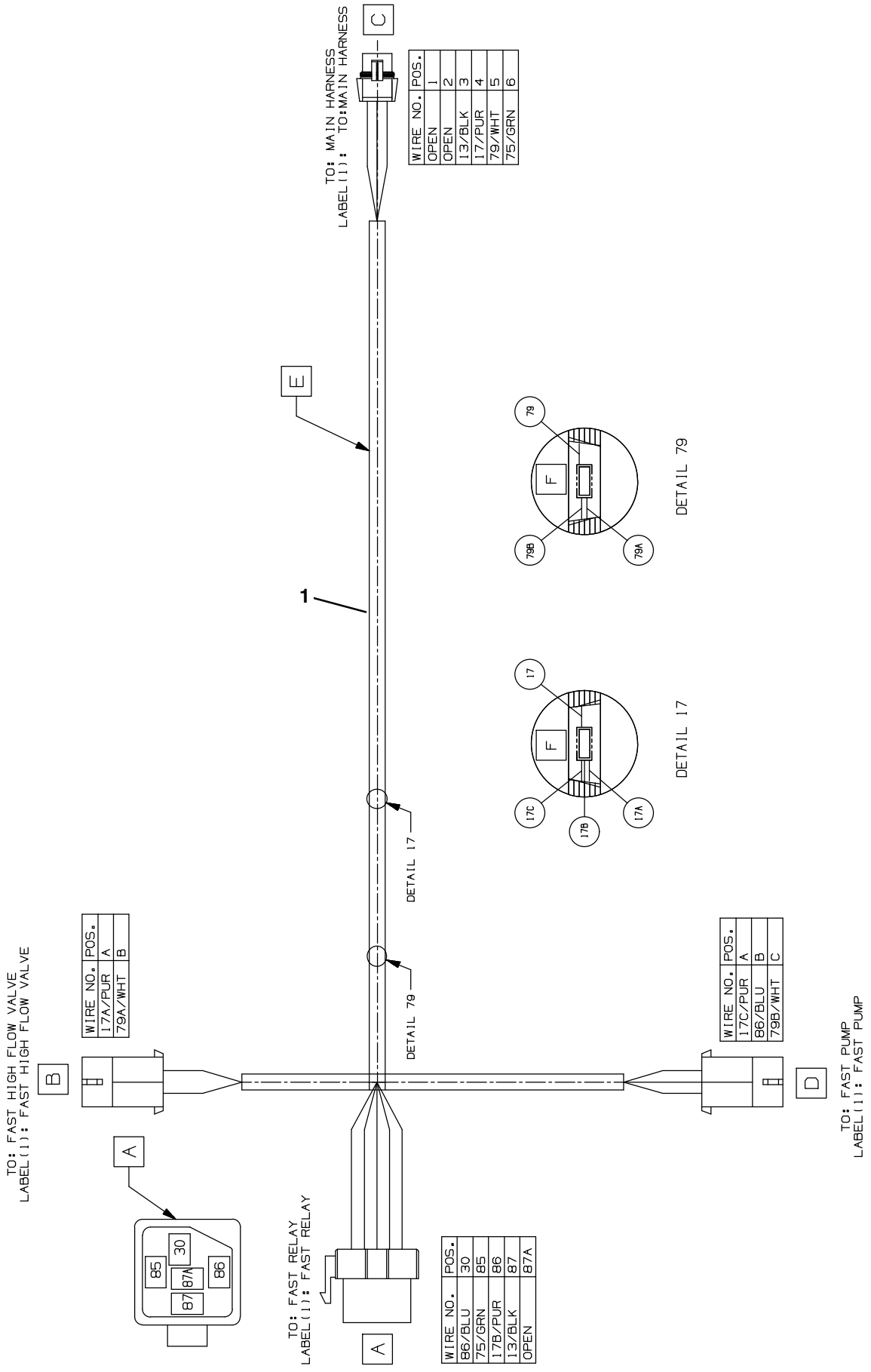


354793 – T20

Fig. 13 – FaST Solution Supply Group with Side Brush, Disk Scrub Head

Ref.	Part No.	Serial Number	Description	Qty.
1	1010668	(008000–)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	1
2	63245–1	(008000–)	Fitting, Plstc, Tee, Bm08/Bm08/Bm08	1
3	1037825	(008000–)	Valve, Solenoid, 12vdc, Water Flow	1
4	1030511	(008000–)	Plate, Mtg, Valve	11
5	09200	(008000–)	Screw, Pan, Phl, M5 X 0.80 X 12, Ss	2
6	01683	(008000–)	Washer, Flat, 10, Ss	2
7	09739	(008000–)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	2
8	76099	(008000–)	Screw, Hex, M8 X 1.25 X 25, Fmg	1
9	1011412	(008000–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
10	1015067	(008000–)	Hose, Afmkt, Pvc, Clr, 0.50id, 08ft	1
11	54333	(008000–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	11

Fig. 14 – FaST Wire Harness Group

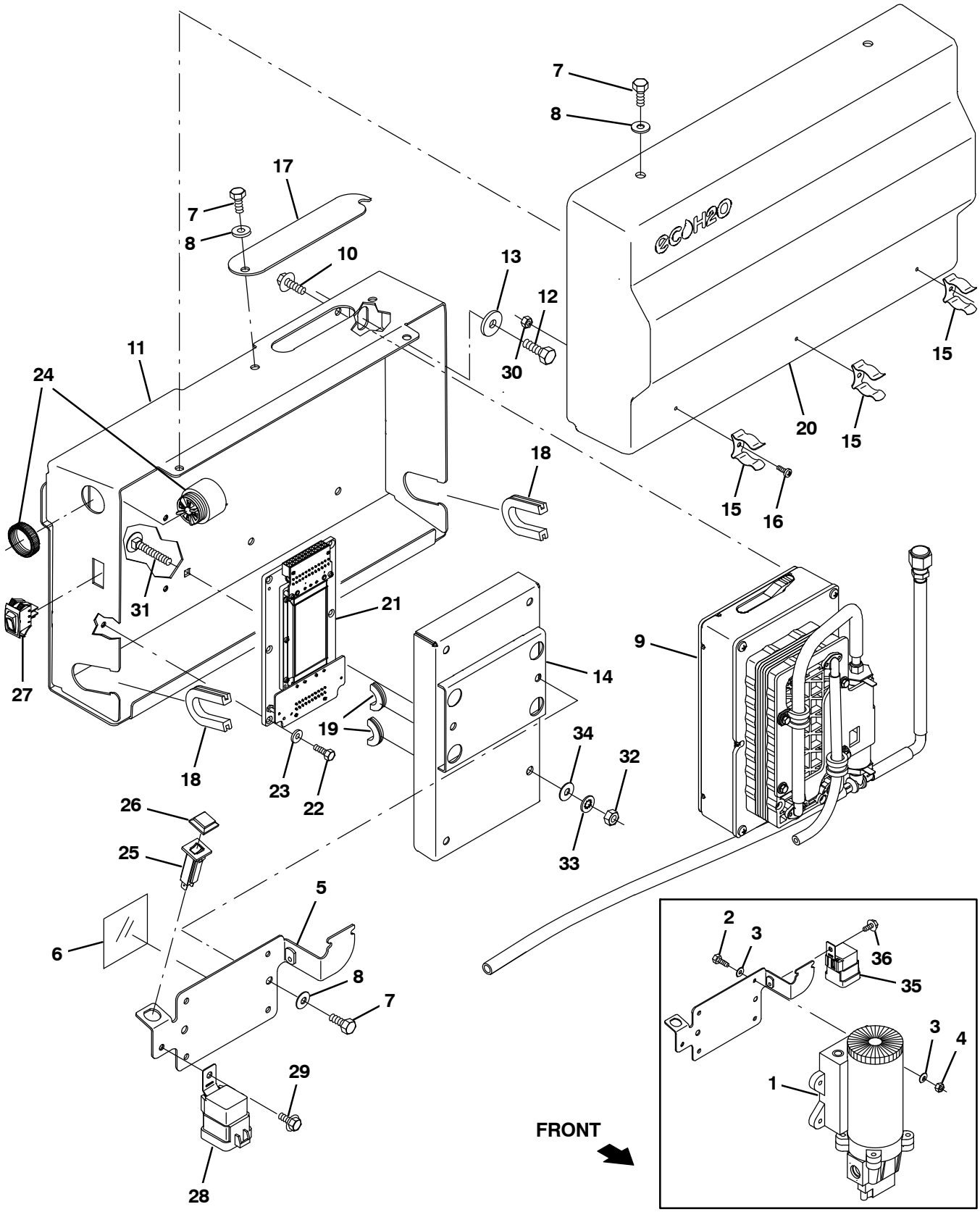


356682 – M20, T20

Fig. 14 – FaST Wire Harness Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1075138	(008000–)	Harness, Wire [FaST Gen 2, M20/T20]	1

Fig. 15 – ec–H20 Solution Pump Group

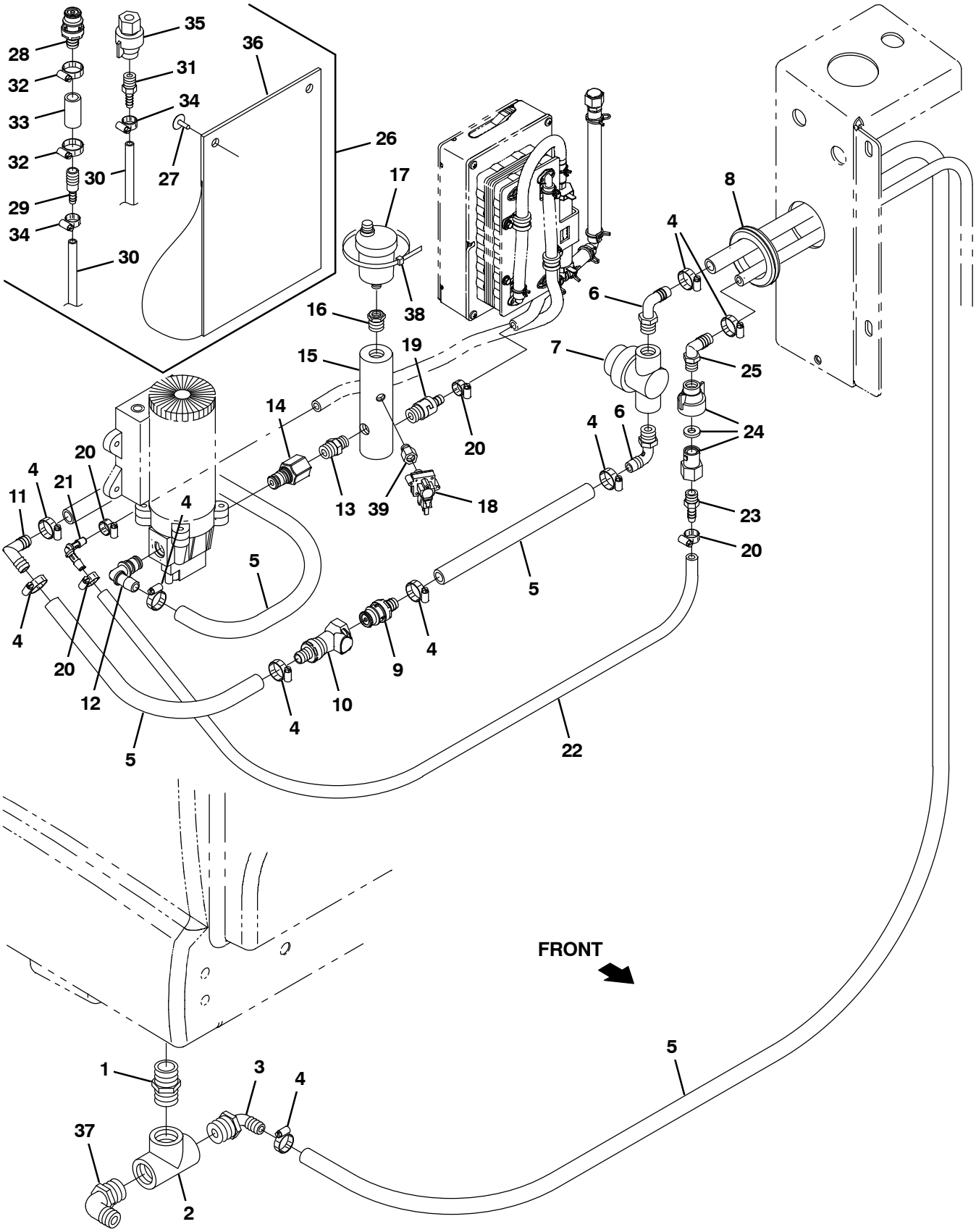


356033

Fig. 15 – ec–H20 Solution Pump Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1060624	(008000–013000)	Pump, Soltn, Ele, 13.7vdc,12/28psi	1
2	09252	(008000–013000)	Screw, Hex, M5 X 0.80 X 20, 8.8	4
3	19066	(008000–013000)	Washer, Flat, 10	8
4	06549	(008000–013000)	Nut, Hex, Lock, M5 X 0.80, Nl	4
5	1060273	(008000–)	Plate, Mtg, Pump	1
6	1059677	(008000–)	Strip, Rbr, 0.06 03.54w 03.5l [Neo/60]	1
7	09744	(008000–)	Screw, Hex, M6 X 1.00 X 12, Ss	6
8	01684	(008000–)	Washer, Flat, 0.27b 0.69d .05, Ss	6
9	9007882	(008000–)	Module Kit, Replmt [Ec–H20] (See Breakdowns)	1
10	1040467	(008000–)	Screw, Hex, M6 X 1.00 X 20, 9.8, Sems	4
11	1060292	(008000–)	Plate Wldt, Mtg	1
12	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	2
13	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	2
14	1060185	(008000–)	Cover Wldt, Power Supply	1
15	1029057	(008000–)	Clip, Grip, Finger, 0.88–1.25d	3
16	12323	(008000–)	Screw, Pan, Phl, M4 X 0.70 X 20, Ss	3
17	1060291	(008000–)	Plate, Inspection	1
18	1020168	(008000–)	Molding, Afmkt, Trim, Pvc, .08 .11, 01Ft	1
19	10632–4	(008000–)	Grommet, Rbr, 0.62id, F/0.9h, .06 Matl	1
20	1060719	(008000–)	Cover, Trimmed	1
21	1247720	(008000–)	Circuitboard Assy [Dc To Dc Conv.]	1
22	09206	(008000–)	Screw, Hex, M4 X 0.70 X 12, 8.8	4
23	19065	(008000–)	Washer, Flat, 08	4
24	1052726	(008000–)	Alarm, 9–48vdc, 95 Db(A) [Ec–H20]	1
25	1064183	(008000–)	Circuitbreaker, 02.0a, Resetable	1
26	1064191	(008000–)	Boot, Circuitbreaker	1
27	1044393	(008000–)	Switch, Rocker, Spst, Mom	1
28	56186	(008000–)	Relay, 12vdc, 040a, Spdt No	1
29	223198	(008000–)	Screw, Hex, M5 X 0.80 X 10, Fmg	1
30	33932	(008000–)	Nut, Hex, Lock, M4 X 0.70, Nl, Ss	3
31	1062804	(008000–)	Bolt, Carriage, M06 X 1.00 X 40, 4.6	4
32	41359	(000000)	Nut, Hex, Std, M6 X 1.00, 8	4
33	32982	(000000)	Washer, Lock, Int, 0.25	4
34	32483	(000000)	Washer, Flat, 0.25, Sae	4
35	56186	(008000–013000)	Relay, 12vdc, 040a, Spdt No	1
36	223198	(008000–013000)	Screw, Hex, M5 X 0.80 X 10, Fmg	1

Fig. 16 – ec–H20 Solution Pump Supply Group (008000– 013000)

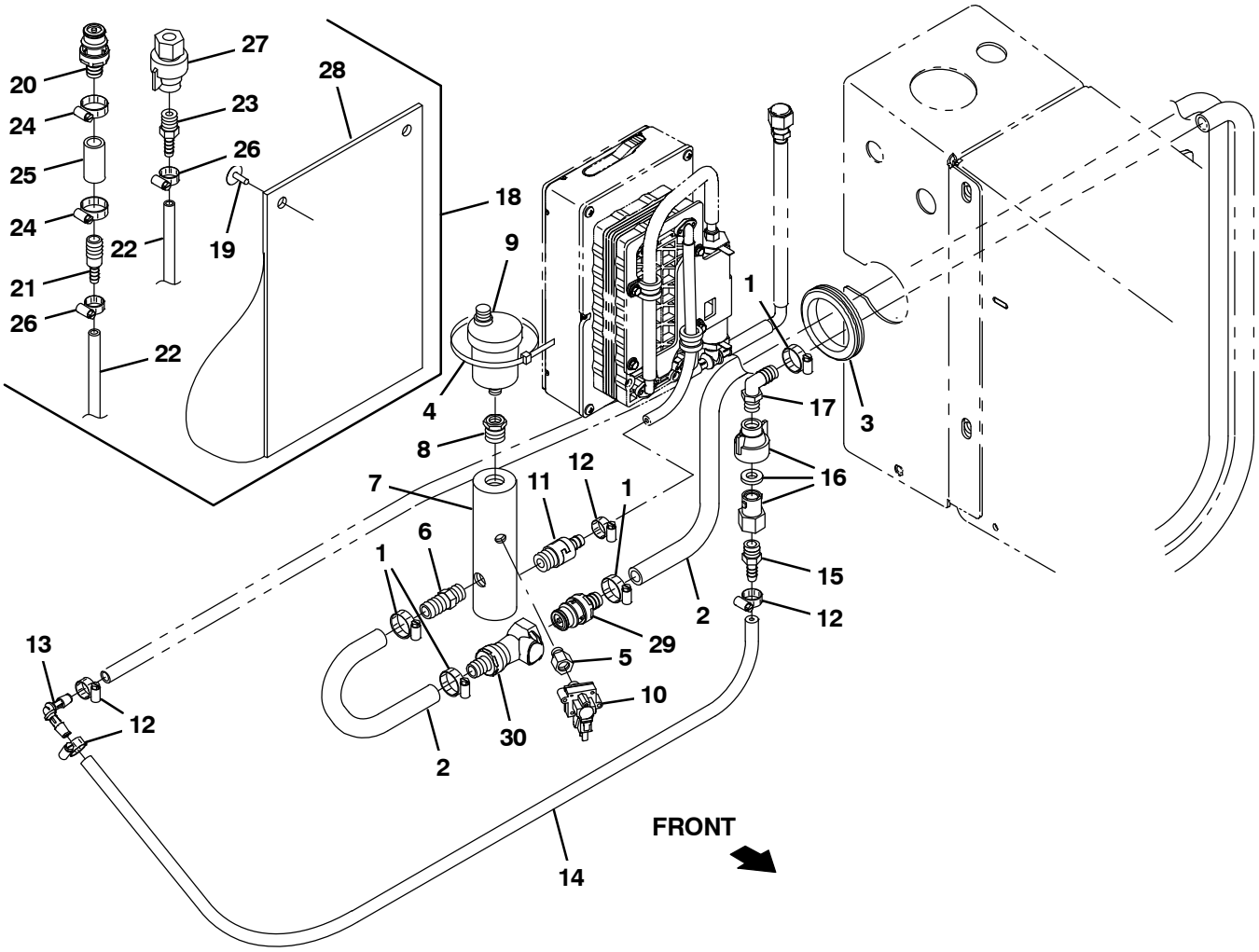


356594 – T20

Fig. 16 – ec–H20 Solution Pump Supply Group (008000–013000)

	Ref.	Part No.	Serial Number	Description	Qty.
	1	24544	(008000–013000)	Fitting, Plstc, Str, Pm12/Pm12 1.60l	1
	2	42133A	(008000–013000)	Fitting, Plstc, Tee, Pf12/Pf12/Pf12	1
	3	1005552	(008000–013000)	Fitting, Plstc, E90, Bm08/Pm12, Nyl	1
	4	54333	(008000–013000)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	9
	5	1011837	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.50id, 12ft, Clr	1
	6	64778	(008000–013000)	Fitting, Plstc, E90, Bm08/Pm06	2
	7	1005302	(008000–013000)	Filter, In–Line, Pf06/Pf06 080mesh 02.6l	1
	8	10632–19	(008000–013000)	Grommet, Rbr, 2.13id, F/2.5h, .12 Matl	3
	9	1017415	(008000–013000)	Insert, Cplg, Qm, Bm08	1
	10	1017413	(008000–013000)	Housing, Cplg, Qf / Pm08	1
	11	63987–1	(008000–013000)	Fitting, Plstc, E90, Bm08/Bm08	1
	12	1049254	(008000–013000)	Fitting, Nyl, Qdc, E90, Bm08/ Qm10	1
	13	1005219	(008000–013000)	Fitting, Plstc, Str, Pm04/Pm06, Nyl	1
	14	1059372	(008000–013000)	Fitting, Plstc, Str, Pf06/Qm10, Pvc	1
	15	1060596	(008000–013000)	Manifold, Water	1
	16	24698	(008000–013000)	Fitting, Brs, Str, Pf02/Pm06	1
	17	1017386	(008000–013000)	Valve, Vent, Air, Float Type	1
	18	1058935	(008000–013000)	Switch, Press, 50 Psi, Pm02	1
	19	1060693	(008000–013000)	Valve, Check, 0005psi Pm04/Bm06	1
	20	43844	(008000–013000)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	4
	21	1059391	(008000–013000)	Fitting, Plstc, E90, Bm05/Bm05, Nyl	1
	22	1052336	(008000–013000)	Hose, Afmkt, PVC, Brd, 0.31Id, 03Ft, Clr	2
	23	1052017	(008000–013000)	Fitting, Plstc, Str, Bm05/Pm04	1
	24	1071280	(008000–013000)	Fitting Assy, Qdc, Pf04	1
	25	65581	(008000–013000)	Fitting, Plstc, E90, Bm08/Pm04	1
▽	26	9014281	(008000–013000)	ec–H2O Kit, Flush, Replmt[M20, M30&T20]	1
▲	27	72968	(008000–013000)	Rivet, Plstc, .250d X 0.90	2
▲	28	1017415	(008000–013000)	Insert, Cplg, Qm, Bm08	1
▲	29	630164	(008000–013000)	Fitting, Plstc, Str, Bm04/Bm08	1
▲	30	1006415	(008000–013000)	Hose, Afmkt, Pvc, Clr, 0.25id, 03ft	2
▲	31	50901	(008000–013000)	Fitting, Plstc, Str, Bm04/Pm04	1
▲	32	54333	(008000–013000)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
▲	33	1011403	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.50id, 01ft, Clr	1
▲	34	43844	(008000–013000)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	2
▲	35	1071280	(008000–013000)	Fitting Assy, Qdc, Pf04	1
▲	36	48790	(008000–013000)	Pouch	1
	37	73468	(008000–013000)	Fitting, Plstc, E90, Bm10/Pm12	1
	38	49266	(008000–013000)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	1
	39	1062403	(008000–013000)	Fitting, Brs, Snubber, Pm02/Pf02	1

Fig. 17 – ec–H20 Solution Pump Supply Group (013001–)

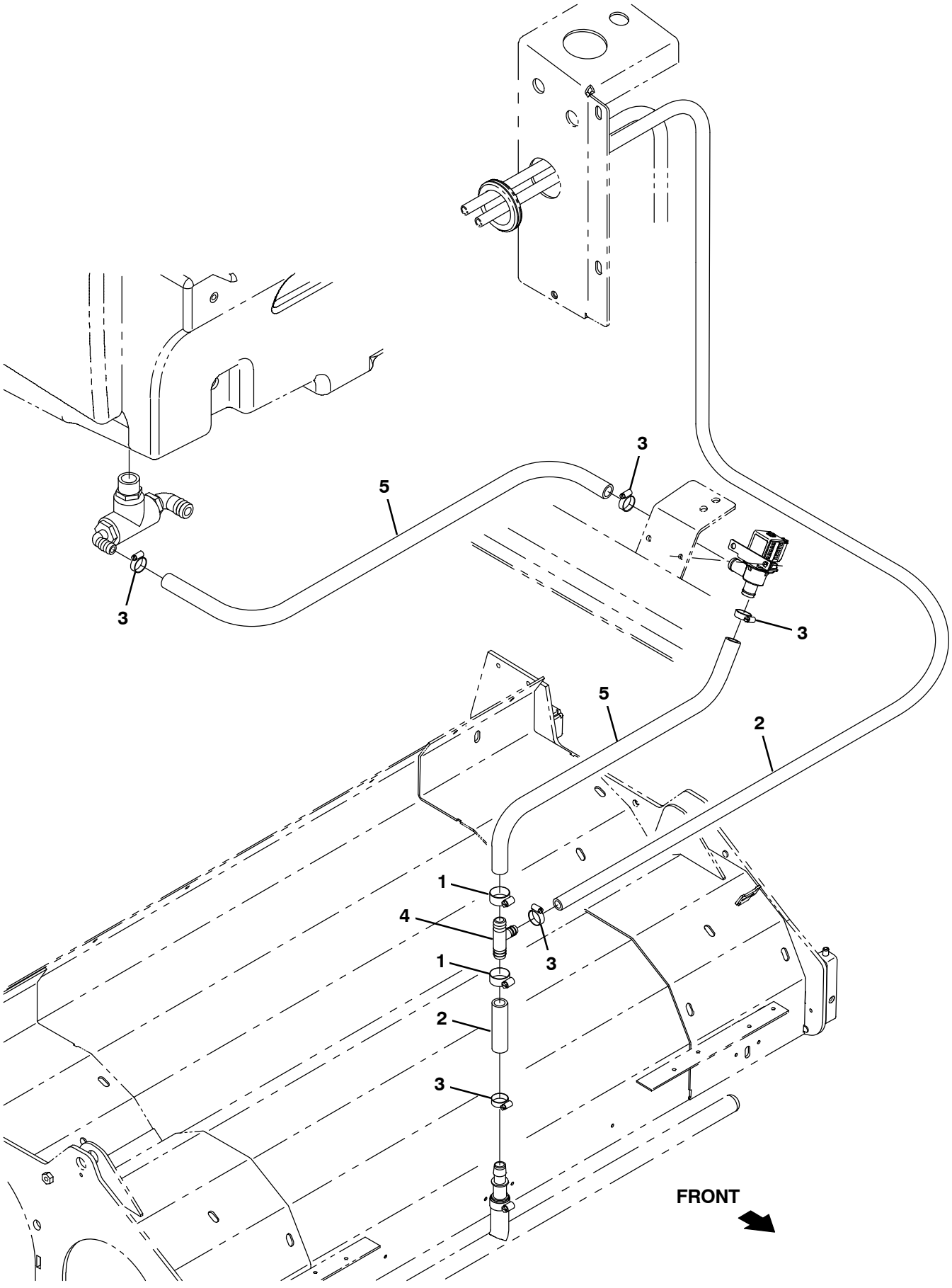


357104

Fig. 17 – ec–H20 Solution Pump Supply Group (013001–)

	Ref.	Part No.	Serial Number	Description	Qty.
	1	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
	2	1011837	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50id, 12ft, Clr	1
	3	10632–19	(013001–)	Grommet, Rbr, 2.13id, F/2.5h, .12 Matl	1
	4	49266	(013001–)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	1
	5	1062403	(013001–)	Fitting, Brs, Snubber, Pm02/Pf02	1
	6	48610	(013001–)	Fitting, Plstc, Str, Bm08/Pm04	1
	7	1060596	(013001–)	Manifold, Water	1
	8	24698	(013001–)	Fitting, Brs, Str, Pf02/Pm06	1
	9	1017386	(013001–)	Valve, Vent, Air, Float Type	1
	10	1058935	(013001–)	Switch, Press, 50 Psi, Pm02	1
	11	1060693	(013001–)	Valve, Check, 0005psi Pm04/Bm06	1
	12	43844	(013001–)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	4
	13	1059391	(013001–)	Fitting, Plstc, E90, Bm05/Bm05, Nyl	1
	14	1052336	(013001–)	Hose, Afmkt, PVC, Brd, 0.31Id, 03Ft, Clr	1
	15	1052017	(013001–)	Fitting, Plstc, Str, Bm05/Pm04	1
	16	1071280	(013001–)	Fitting Assy, Qdc, Pf04	1
	17	65581	(013001–)	Fitting, Plstc, E90, Bm08/Pm04	1
▽	18	9014281	(013001–)	ec–H2O Kit, Flush, Replmt[M20, M30&T20]	1
▲	19	72968	(013001–)	Rivet, Plstc, .250d X 0.90	2
▲	20	1017415	(013001–)	Insert, Cplg, Qm, Bm08	1
▲	21	630164	(013001–)	Fitting, Plstc, Str, Bm04/Bm08	1
▲	22	1006415	(013001–)	Hose, Afmkt, Pvc, Clr, 0.25id, 03ft	2
▲	23	50901	(013001–)	Fitting, Plstc, Str, Bm04/Pm04	1
▲	24	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
▲	25	1011403	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50id, 01ft, Clr	1
▲	26	43844	(013001–)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	2
▲	27	1071280	(013001–)	Fitting Assy, Qdc, Pf04	1
▲	28	48790	(013001–)	Pouch	1
	29	1017415	(013001–)	Insert, Cplg, Qm, Bm08	1
	30	1017413	(013001–)	Housing, Cplg, Qf / Pm08	1

Fig. 18 – ec–H20 Solution Supply Group, Cylindrical Scrub Head (008000–013000)

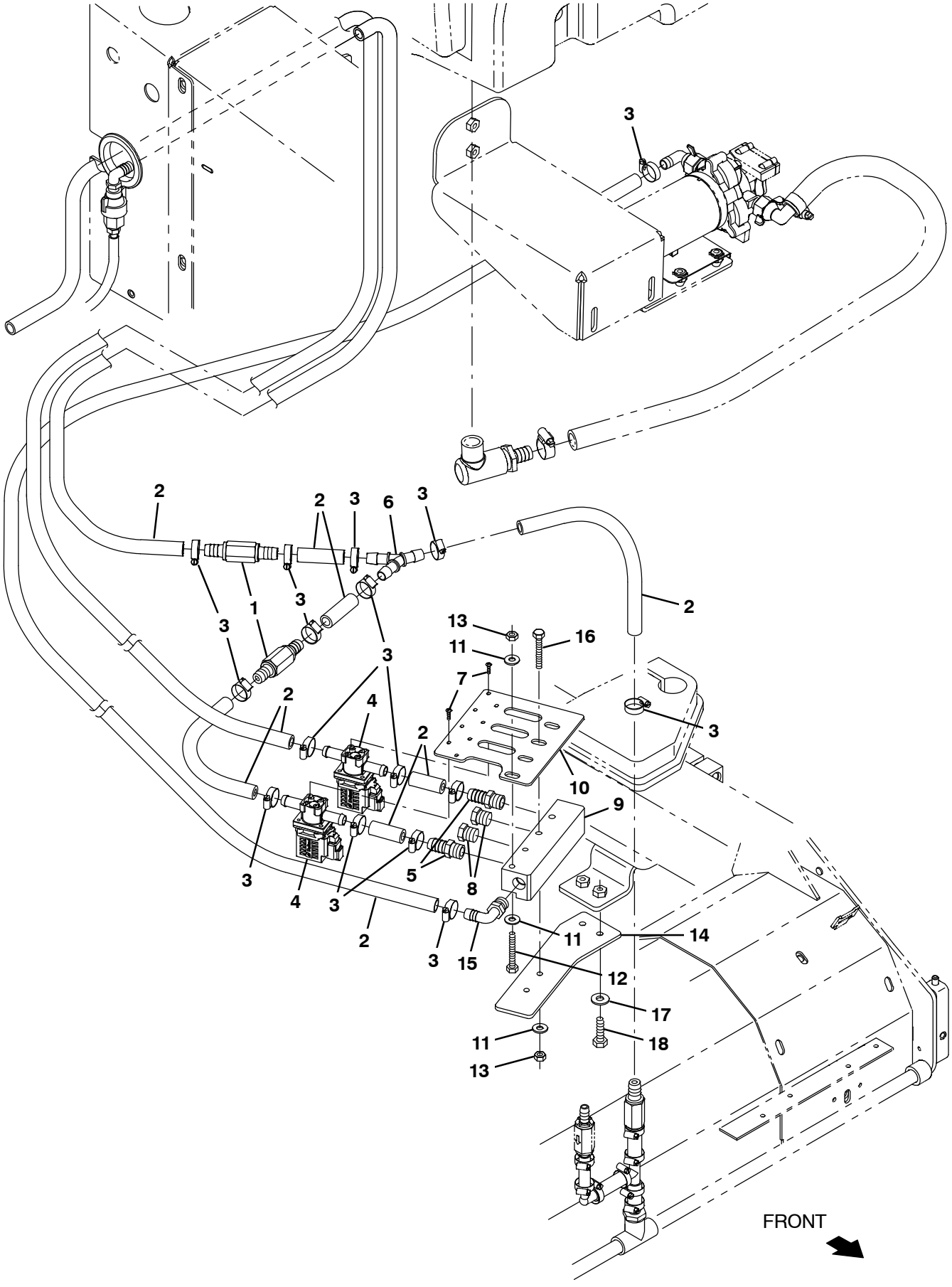


356037

Fig. 18 – ec–H20 Solution Supply Group, Cylindrical Scrub Head (008000–013000)

Ref.	Part No.	Serial Number	Description	Qty.
1	63810	(008000–013000)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	2
2	1011837	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.50id, 12ft, Clr	1
3	54333	(008000–013000)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	5
4	1015486	(008000–013000)	Fitting, Plstc, Tee, Bm08/Bm10/Bm10, Br	1
5	1015032	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.62id, 08ft, Clr	1

Fig. 19 – ec–H20 Solution Supply Group, Cylindrical Scrub Head (013001–)

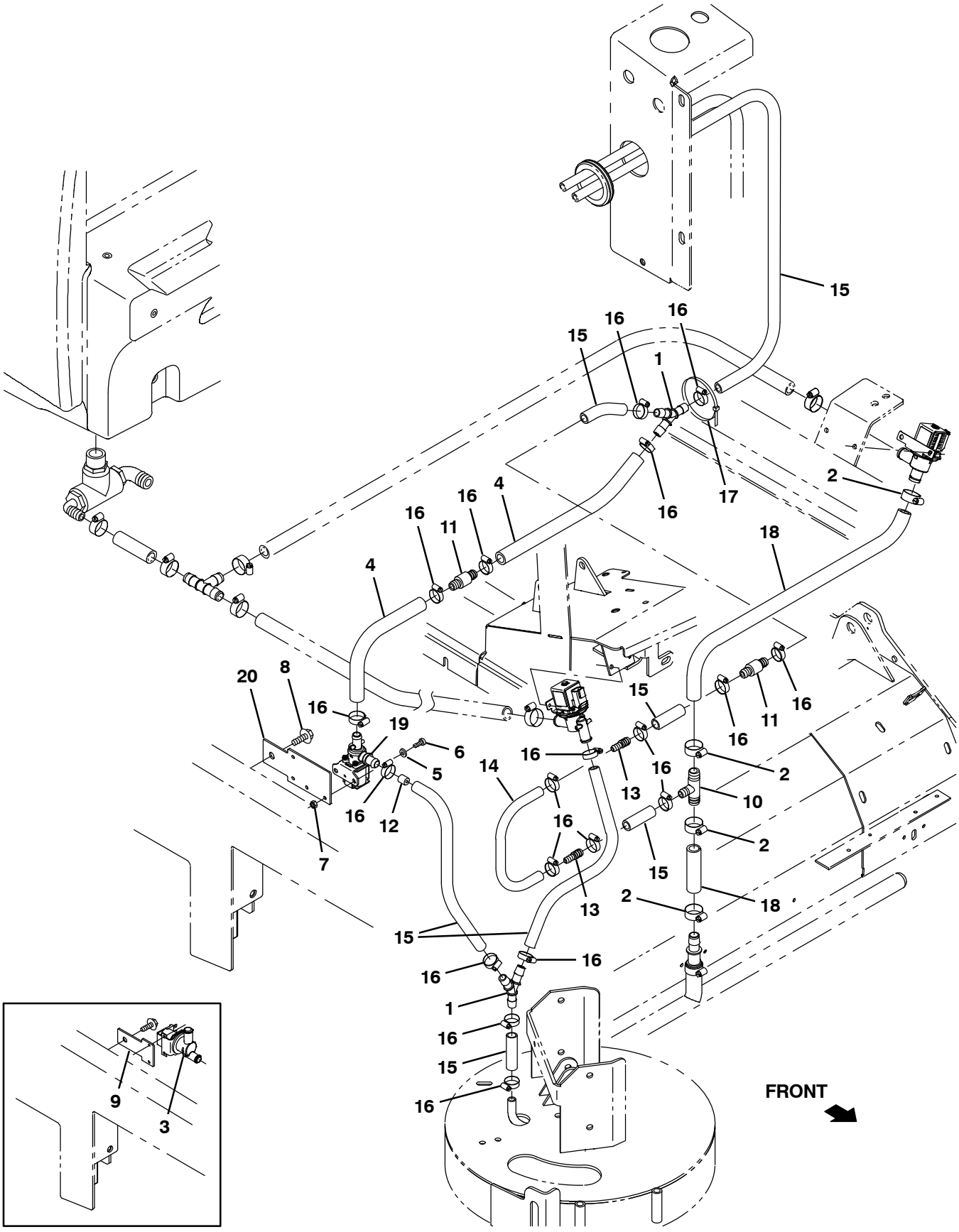


357111 – T20

Fig. 19 – ec–H20 Solution Supply Group, Cylindrical Scrub Head (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1251530	(013001–)	Valve, Check, 1.0psi, Bm08/Bm08	2
2	1011412	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	2
3	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	6
4	1076870	(013001–)	Valve, Water, Solenoid [12vdc, Bm08/Bm08	2
5	64743	(013001–)	Fitting, Plstc, Str, Bm08/Pm06	2
6	1010668	(013001–)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	1
7	1257563	(013001–)	Screw, Pan, Torx, 06–19 X 0.38, F/ Plstc	4
8	630146	(013001–)	Fitting, Plug, Pm06, Hdpe	2
9	1254833	(013001–)	Manifold, Soln	1
10	1254856	(013001–)	Plate, Manifold, Mtg	1
11	32490	(013001–)	Washer, Flat, 0.25, Std	1
12	1257800	(013001–)	Screw, Hex, M6 X 1.00 X 60, Ss, Fl	4
13	08712	(013001–)	Nut, Hex, Lock, M6 X 1.00, Nl, Ss	1
14	1077124	(013001–)	Bracket, Manifold, Stratus	1
15	64778	(013001–)	Fitting, Plstc, E90, Bm08/Pm06	1
16	32491	(013001–)	Washer, Flat, 0.31, Std	2
17	39277	(013001–)	Screw, Hex, M8 X 1.25 X 25, 8.8	2

Fig. 20 – ec–H20 Solution Supply Group, Cylindrical Scrub Head with Side Brush (008000–013000)

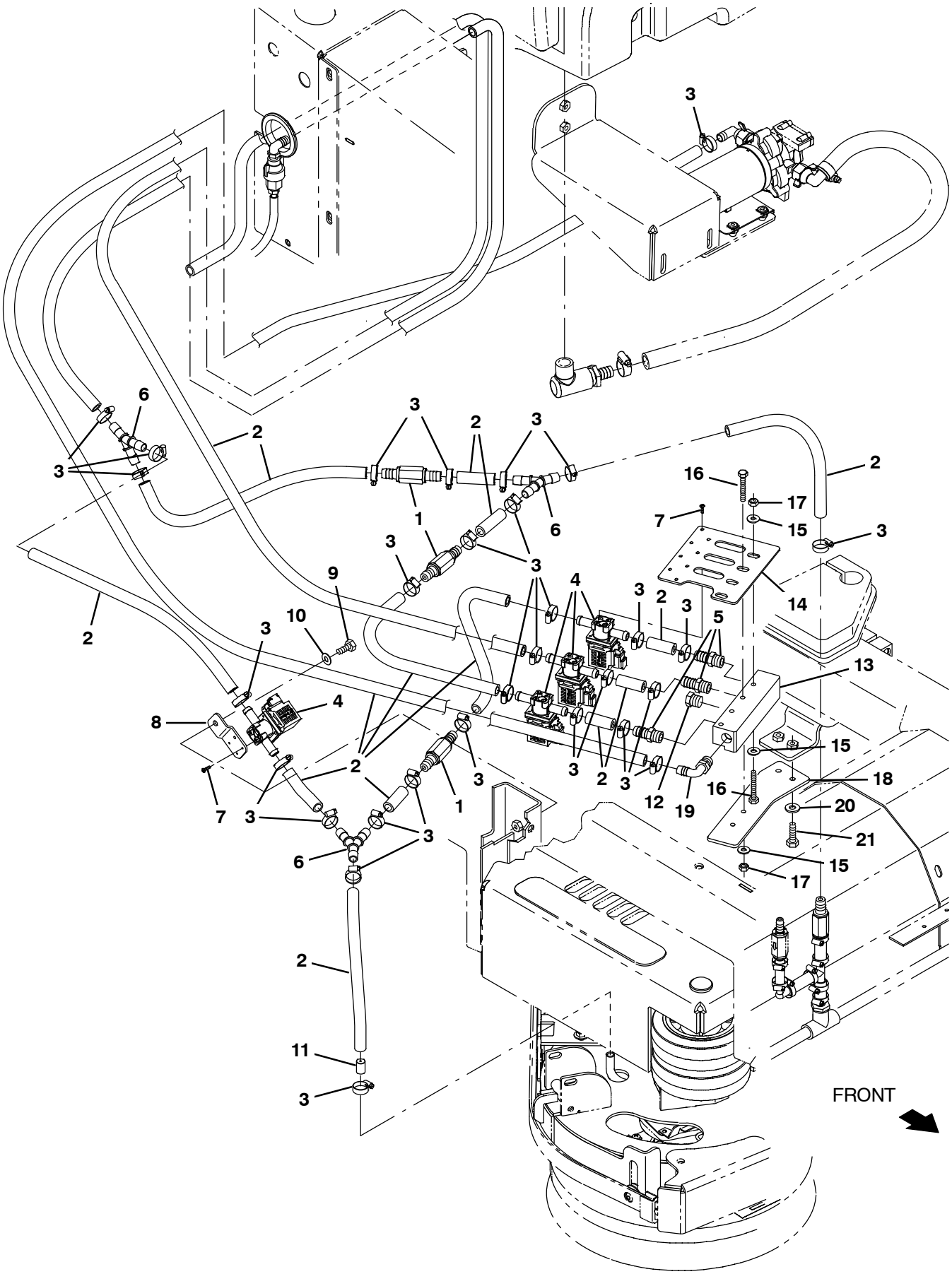


356038

Fig. 20 – ec–H20 Solution Supply Group, Cylindrical Scrub Head with Side Brush (008000–013000)

Ref.	Part No.	Serial Number	Description	Qty.
1	1010668	(008000–013000)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	1
2	63810	(008000–013000)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	4
3	1037825	(008000–011183)	Valve Assy, Water, Solenoid, 12vdc	1
4	31543	(008000–013000)	Hose, Heater, E90, 0.62id, 24.0 4.0	1
5	01683	(008000–013000)	Washer, Flat, 10, Ss	2
6	24196	(008000–013000)	Screw, Pan, Phl, M5 X 0.80 X 20, Ss	2
7	09739	(008000–013000)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	2
8	76099	(008000–013000)	Screw, Hex, M8 X 1.25 X 25, Fmg	1
9	1030511	(008000–011183)	Plate, Mtg, Valve	1
10	1015486	(008000–013000)	Fitting, Plstc, Tee, Bm08/Bm10/Bm10, Br	1
11	1010614	(008000–013000)	Valve, Check, 2gpm .5psi Bm08/Bm08	2
12	1061045	(008000–013000)	Plug, Restrictor	1
13	222375	(008000–013000)	Fitting, Plstc, Str, Bm06/Bm08	2
14	1014974	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.38id, 02ft, Clr	1
15	1011412	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
16	54333	(008000–013000)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	18
17	763116	(008000–013000)	Tie, Cable, Nyl, 15.3l . W 4.5 Max D	1
18	1015026	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.62id, 03ft, Clr	1
19	1076824	(011184–013000)	Valve Assy, Water, Solenoid, 12vdc	1
20	1076793	(011184–013000)	Plate, Mtg, Valve	1

Fig. 21 – ec–H20 Solution Supply Group, Cylindrical Scrub Head with Side Brush (013001–)

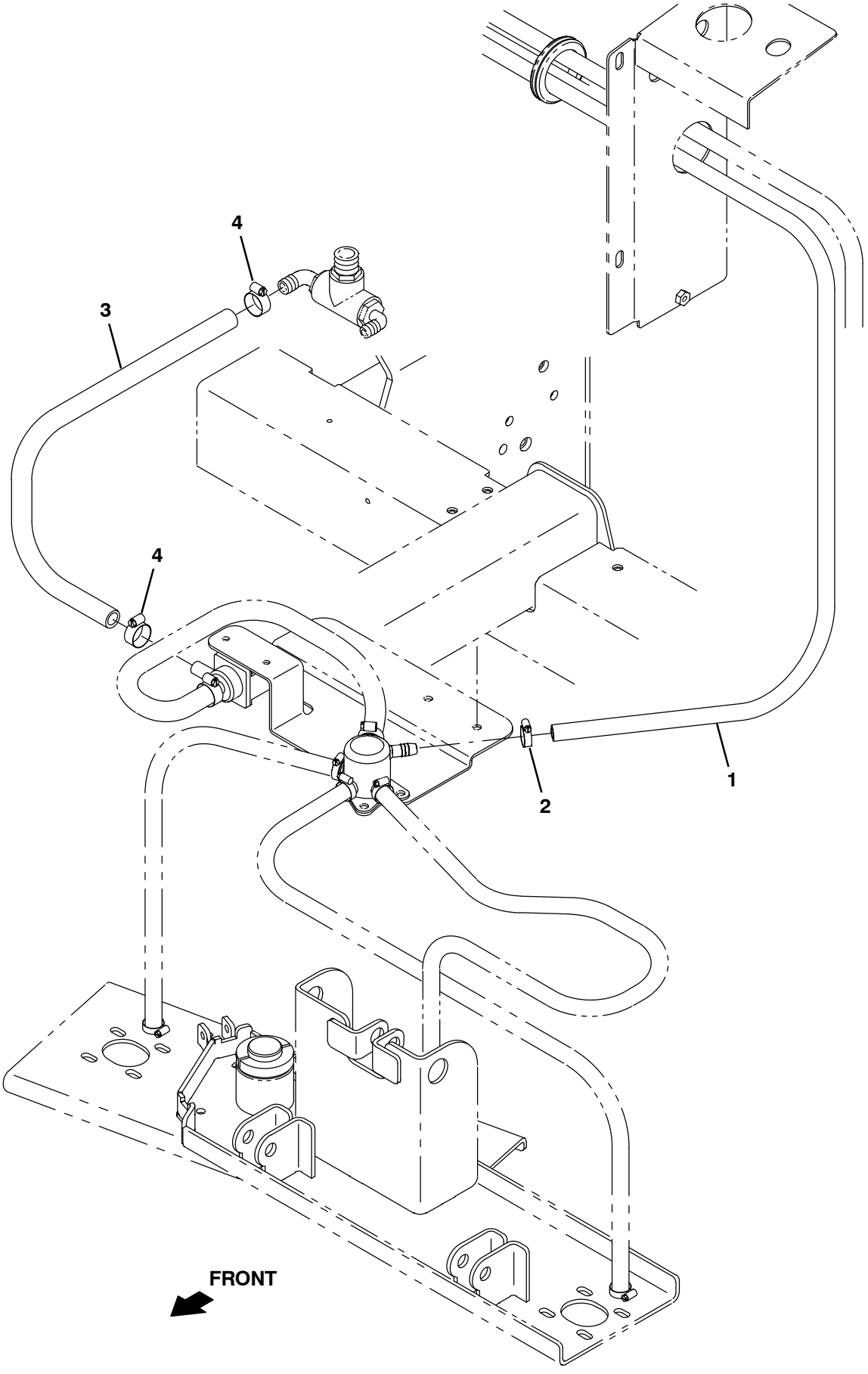


357112 – T20

Fig. 21 – ec–H20 Solution Supply Group, Cylindrical Scrub Head with Side Brush (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1251530	(013001–)	Valve, Check, 1.0psi, Bm08/Bm08	3
2	1011835	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50id, 20ft, Clr	2
3	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	30
4	1076870	(013001–)	Valve, Water, Solenoid [12vdc, Bm08/Bm08	4
5	64743	(013001–)	Fitting, Plstc, Str, Bm08/Pm06	3
6	1010668	(013001–)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	3
7	1257563	(013001–)	Screw, Pan, Torx, 06–19 X 0.38, F/ Plstc	8
8	1256174	(013001–)	Bracket, Solenoid, Ech2o	1
9	09740	(013001–)	Screw, Hex, M8 X 1.25 X 20, Ss	1
10	01685	(013001–)	Washer, Flat, 0.38b 0.88d .08, Ss	1
11	1256639	(013001–)	Fitting, Plastic, Rst, 3.00mm	1
12	630146	(013001–)	Fitting, Plug, Pm06, Hdpe	1
13	1254833	(013001–)	Manifold, Soln	1
14	1254856	(013001–)	Plate, Manifold, Mtg	1
15	32490	(013001–)	Washer, Flat, 0.25, Std	6
16	1257800	(013001–)	Screw, Hex, M6 X 1.00 X 60, Ss, Fl	4
17	08712	(013001–)	Nut, Hex, Lock, M6 X 1.00, Nl, Ss	4
18	1077124	(013001–)	Bracket, Manifold, Stratus	1
19	64778	(013001–)	Fitting, Plstc, E90, Bm08/Pm06	1
20	32491	(013001–)	Washer, Flat, 0.31, Std	2
21	39277	(013001–)	Screw, Hex, M8 X 1.25 X 25, 8.8	2

Fig. 22 – ec–H20 Solution Supply Group, Disk Scrub Head (008000–013000)

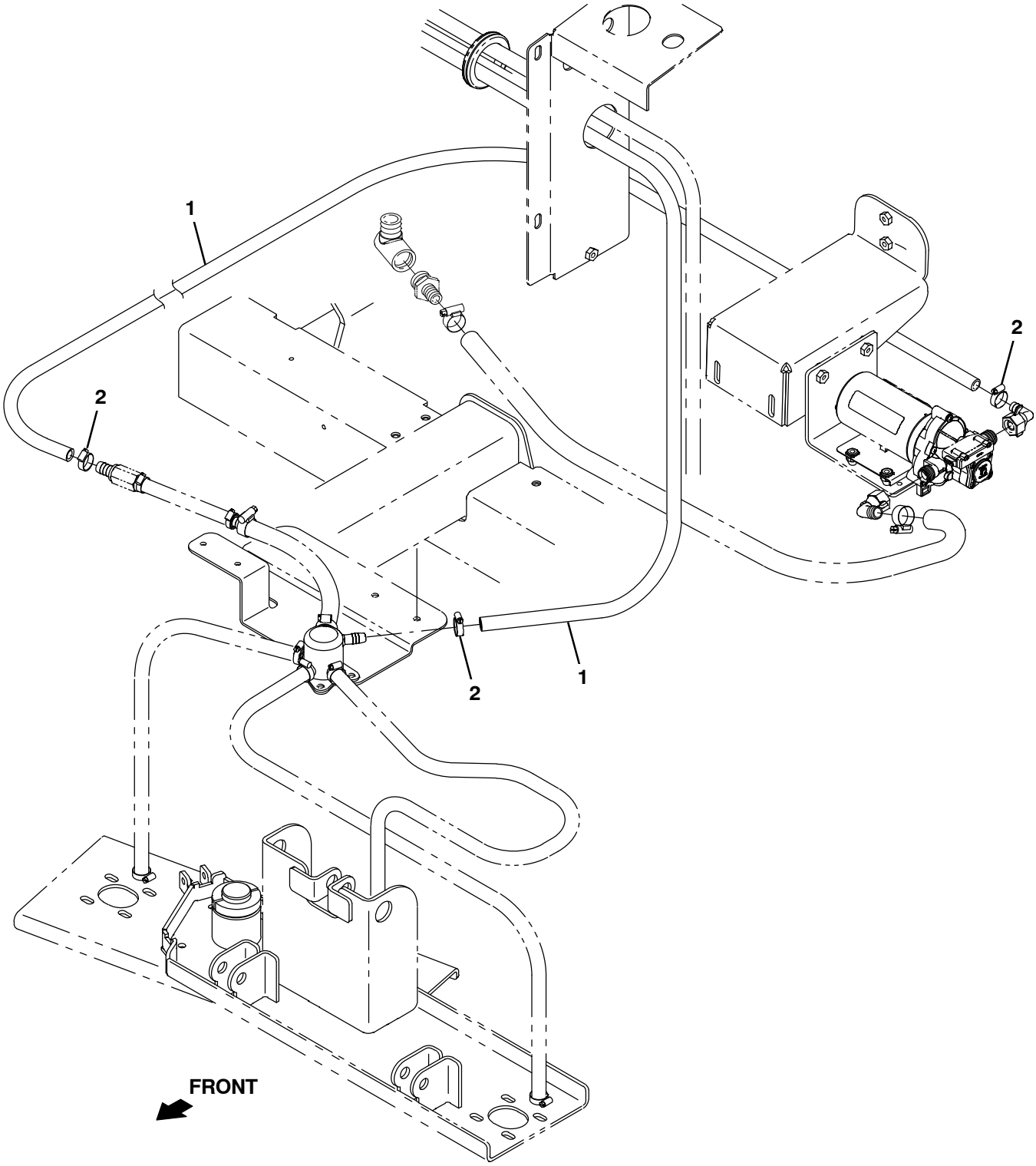


356039 – T20

Fig. 22 – ec–H20 Solution Supply Group, Disk Scrub Head (008000–013000)

Ref.	Part No.	Serial Number	Description	Qty.
1	1011412	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.50Id, 08Ft, Clr	1
2	54333	(008000–013000)	Clamp, Hose, Wormdrive, 0.31–0.88D, .31W	1
3	1015026	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.62Id, 03Ft, Clr	1
4	63810	(008000–013000)	Clamp, Hose, Wormdrive, 0.56–1.06D, .56W	2

Fig. 23 – ec–H20 Solution Supply Group, Disk Scrub Head (013001–)

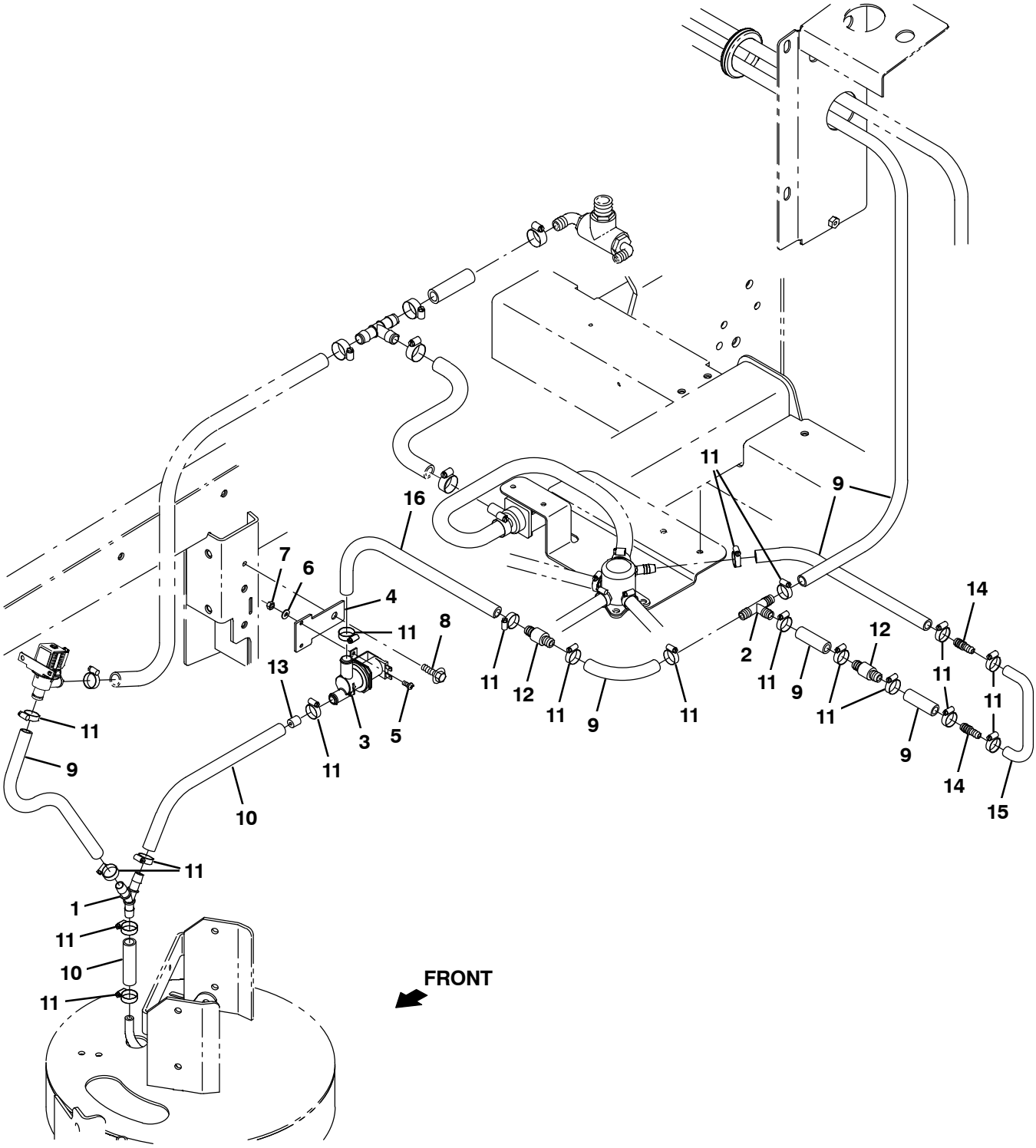


357114 – T20

Fig. 23 – ec–H20 Solution Supply Group, Disk Scrub Head (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1011412	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50Id, 08Ft, Clr	1
2	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88D, .31W	3

Fig. 24 – ec–H20 Solution Supply Group, Disk Scrub Head with Side Brush (008000–013000)

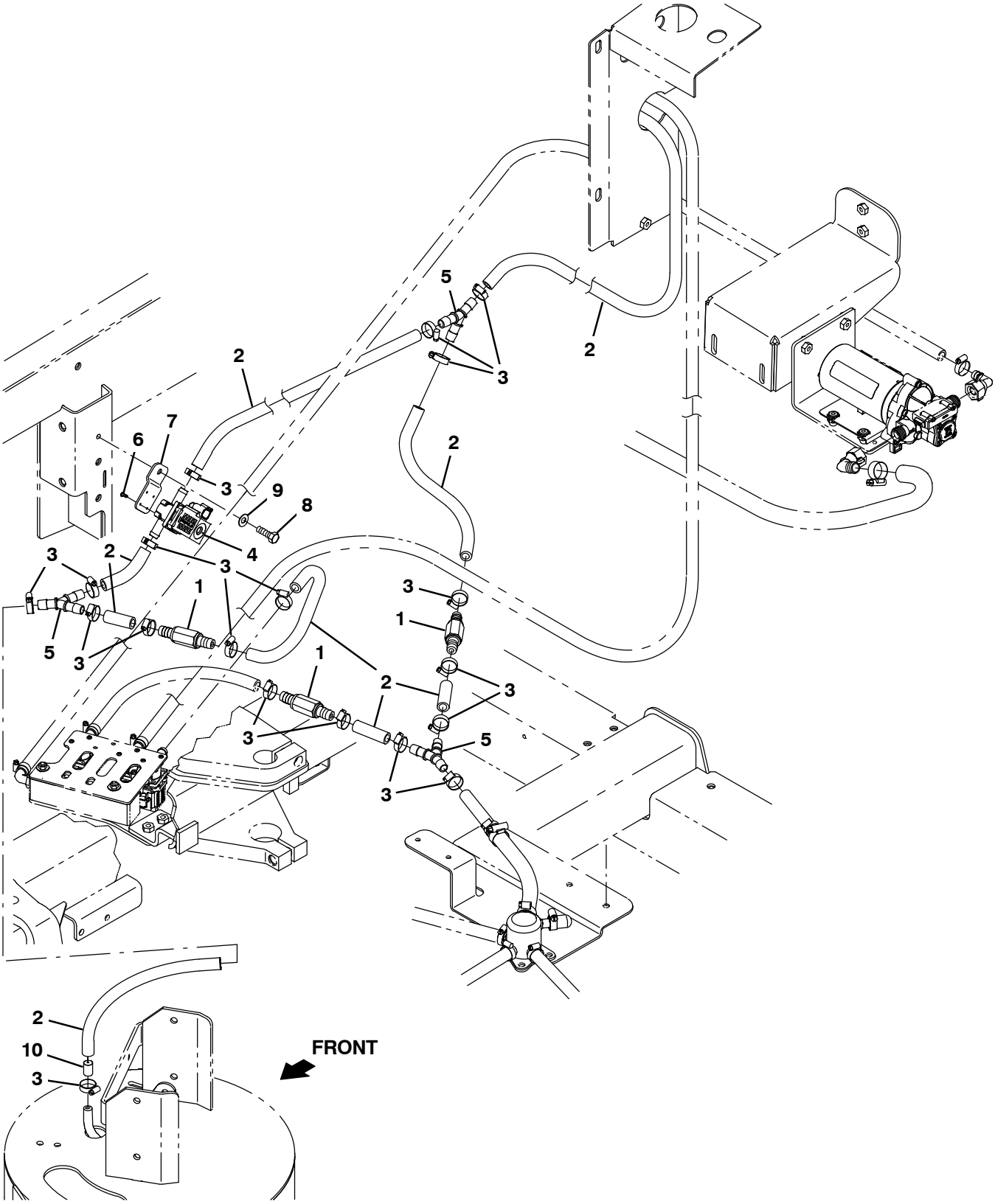


356040 – T20

Fig. 24 – ec–H20 Solution Supply Group, Disk Scrub Head with Side Brush (008000–013000)

Ref.	Part No.	Serial Number	Description	Qty.
1	1010668	(008000–013000)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	1
2	63245–1	(008000–013000)	Fitting, Plstc, Tee, Bm08/Bm08/Bm08	1
3	9021167	(008000–001183)	Valve Kit, Water, Replmt	1
4	1030511	(008000–011183)	Plate, Mtg, Valve	11
5	09200	(008000–013000)	Screw, Pan, Phl, M5 X 0.80 X 12, Ss	2
6	01683	(008000–013000)	Washer, Flat, 10, Ss	2
7	09739	(008000–013000)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	2
8	76099	(008000–013000)	Screw, Hex, M8 X 1.25 X 25, Fmg	1
9	1011412	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
10	1015067	(008000–013000)	Hose, Afmkt, Pvc, Clr, 0.50id, 08ft	1
11	54333	(008000–013000)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	20
12	1010614	(008000–013000)	Valve, Check, 2Gpm .5Psi Bm08/Bm08	2
13	1061045	(008000–013000)	Plug, Restrictor	1
14	222375	(008000–013000)	Fitting, Plstc, Str, BM06/BM08	2
15	1014974	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.38Id, 02Ft, Clr	1
16	31543	(008000–013000)	Hose, Heater, E90, 0.62Id, 24.0 4.0	1
17	1076824	(011184–013000)	Valve Assy, Water, Solenoid, 12vdc	1
18	1076793	(011184–013000)	Plate, Mtg, Valve	1

Fig. 25 – ec–H20 Solution Supply Group, Disk Scrub Head with Side Brush (013001–)



357114 – T20

Fig. 24 – ec–H20 Solution Supply Group, Disk Scrub Head with Side Brush (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1251530	(013001–)	Valve, Check, 1.0psi, Bm08/Bm08	3
2	1011835	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50id, 20ft, Clr	1
3	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	18
4	1076870	(013001–)	Valve, Water, Solenoid [12vdc, Bm08/Bm08	1
5	1010668	(013001–)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	3
6	1257563	(013001–)	Screw, Pan, Torx, 06–19 X 0.38, F/ Plstc	2
7	1256174	(013001–)	Bracket, Solenoid, Ech2o	1
8	09740	(013001–)	Screw, Hex, M8 X 1.25 X 20, Ss	1
9	01685	(013001–)	Washer, Flat, 0.38b 0.88d .08, Ss	1
10	1256639	(013001–)	Fitting, Plastic, Rst, 3.00mm	1

Fig. 26 – ec–H20 Wire Harnesses Group

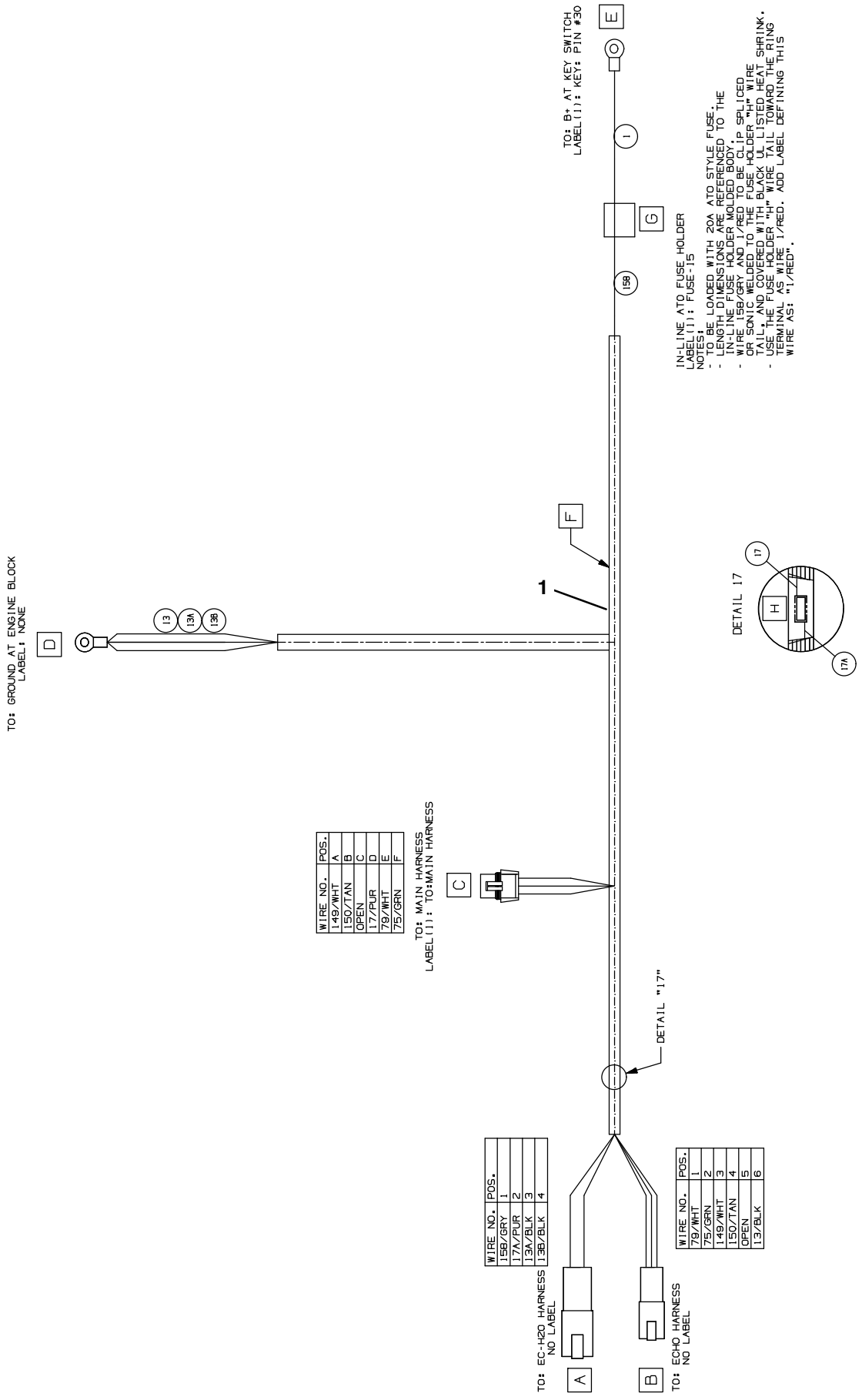


Fig. 26 – ec–H20 Wire Harnesses Group

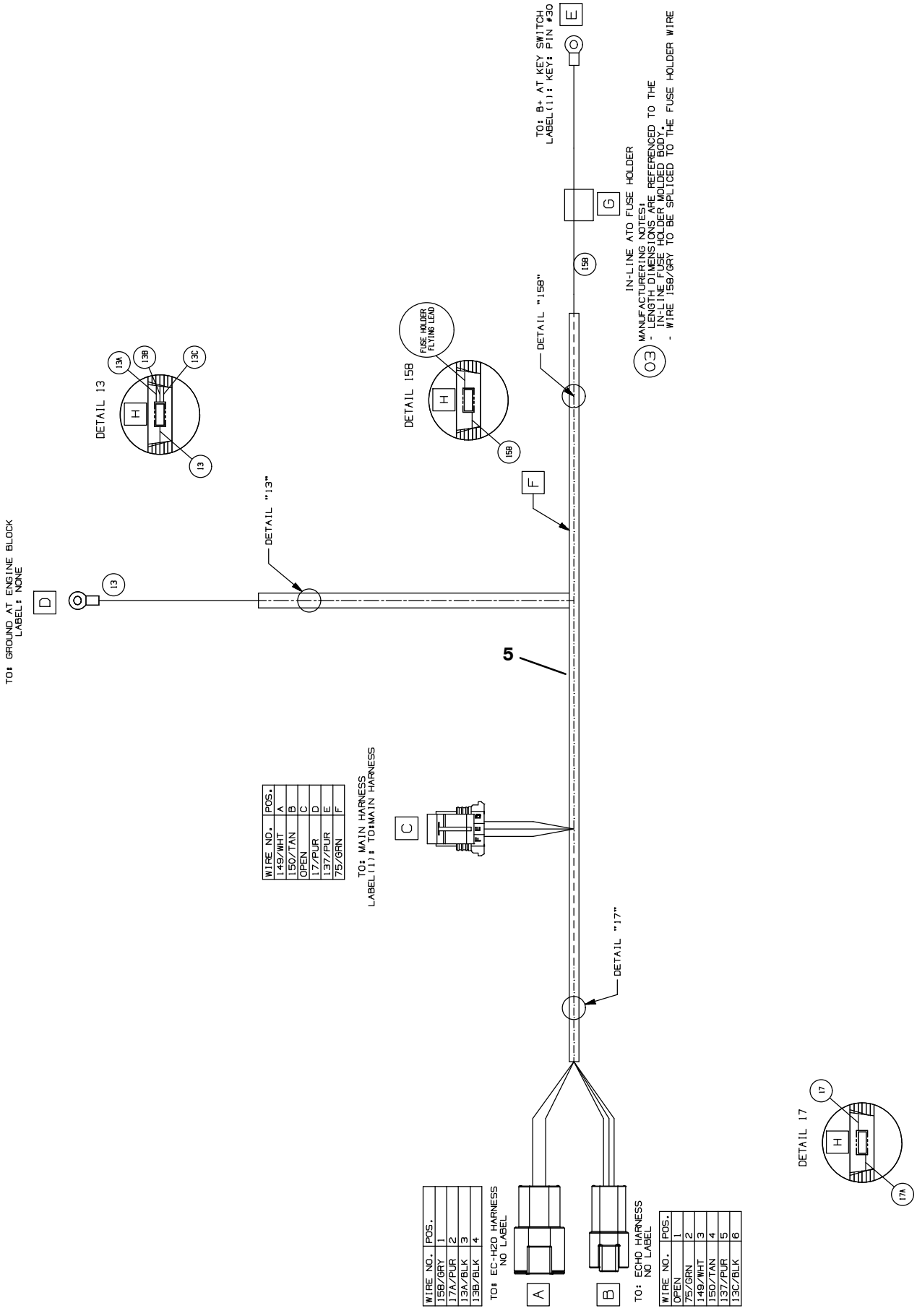


Fig. 26 – ec–H20 Wire Harnesses Group

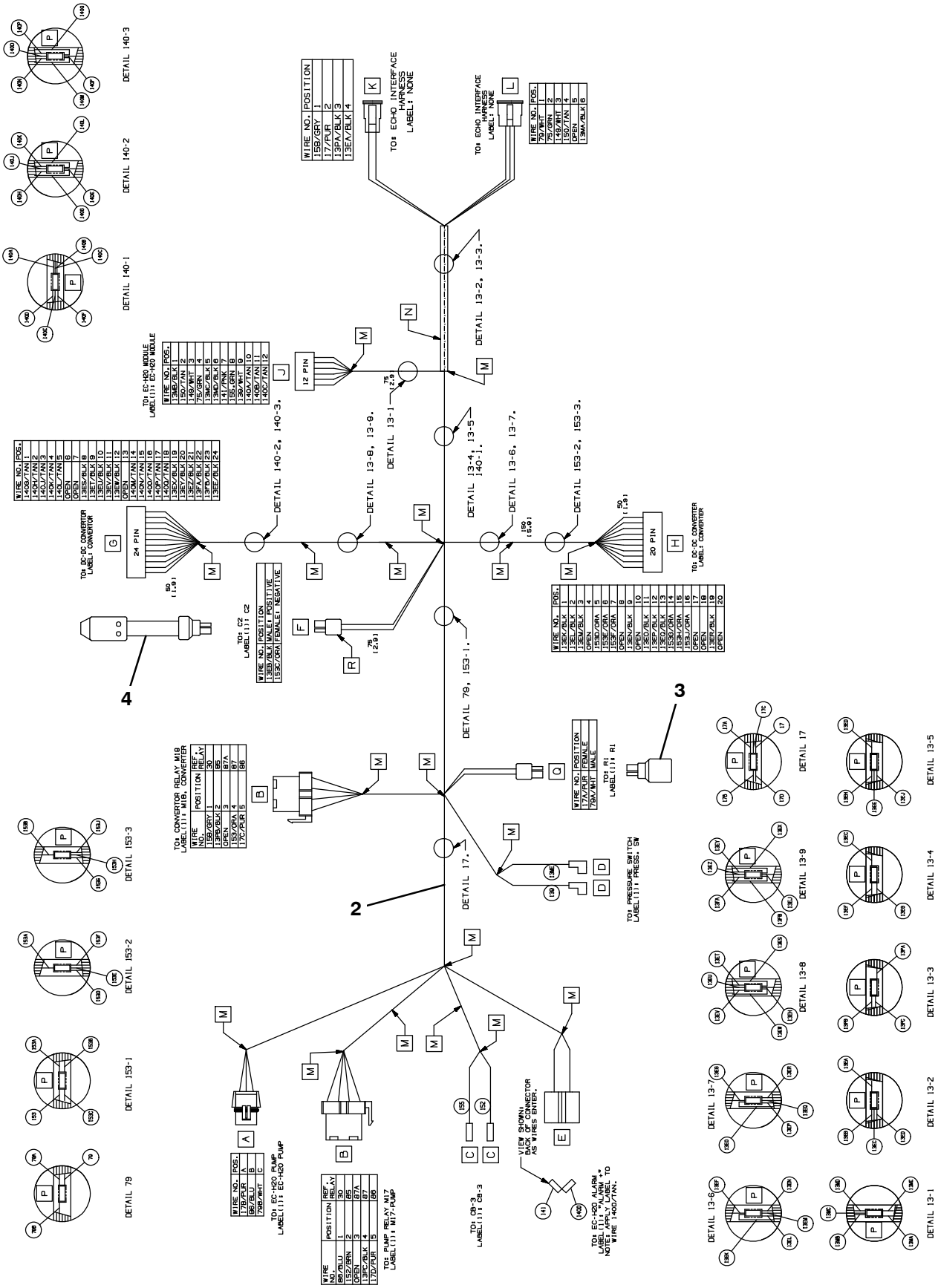
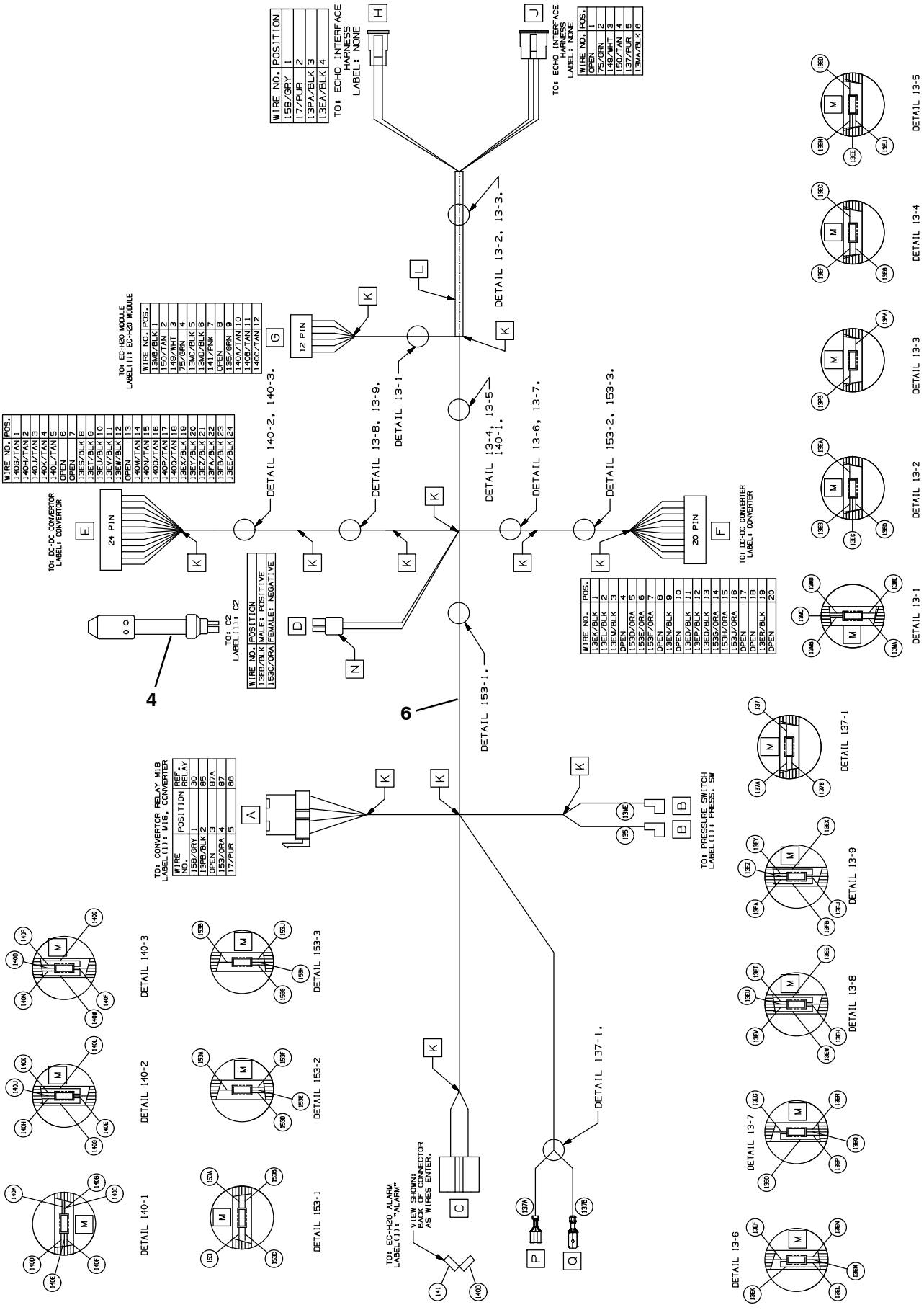


Fig. 26 – ec–H20 Wire Harnesses Group

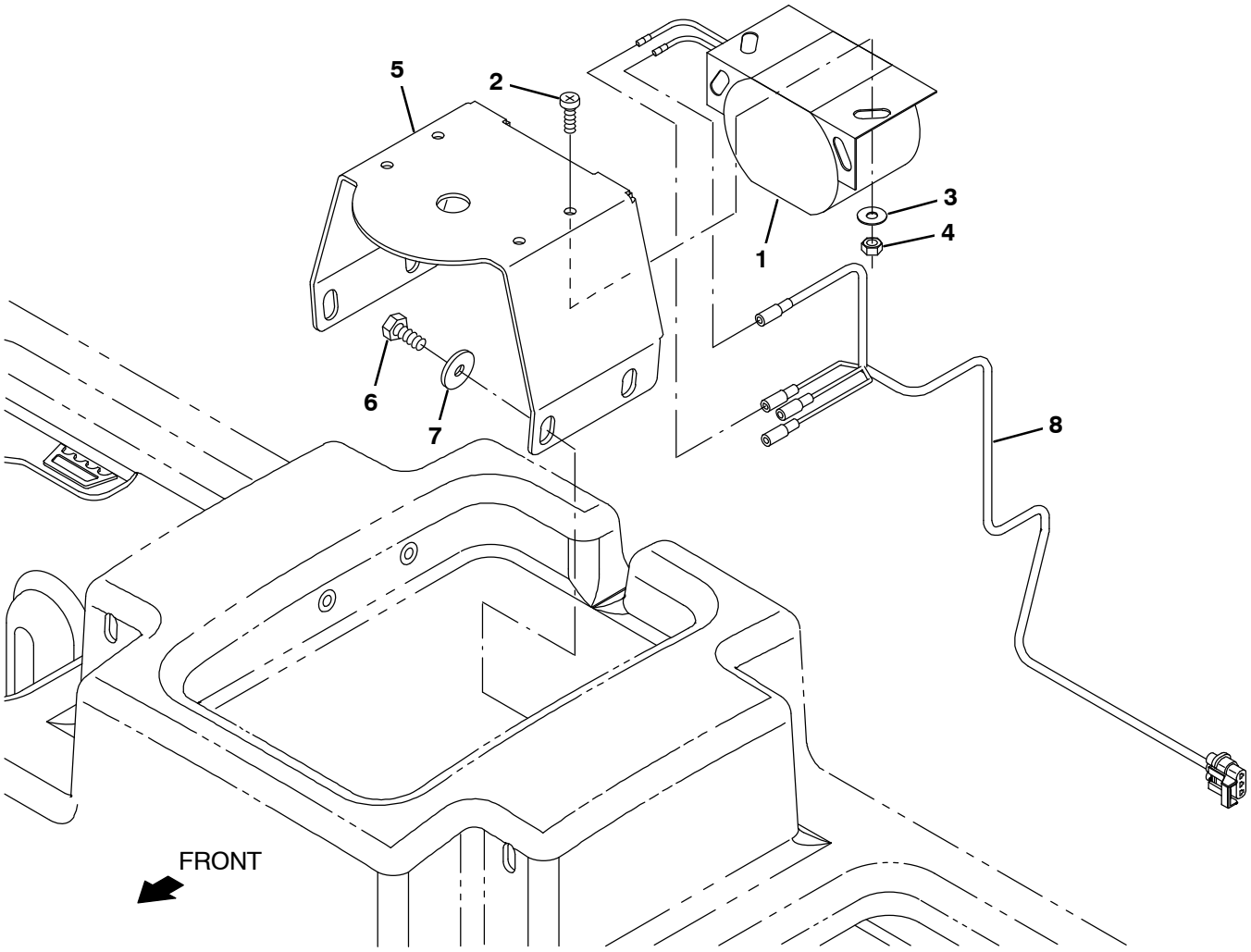


356036

Fig. 26 – ec–H20 Wire Harnesses Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1075140	(008000–013000)	Harness, Ele [Ech2o, Interface]	1
2	1060871	(008000–013000)	Harness, Wire [Ec–H2o]	1
3	1060880	(008000–)	Resistor, Ele, Plug [430 , 2w]	1
4	1060881	(008000–)	Capacitor, Plug [4700uf, 25v]	1
5	1076976	(013001–)	Harness, Ele [Ech2o, Interface]	1
6	1076937	(013001–)	Harness, Wire [Ec–H2o]	1

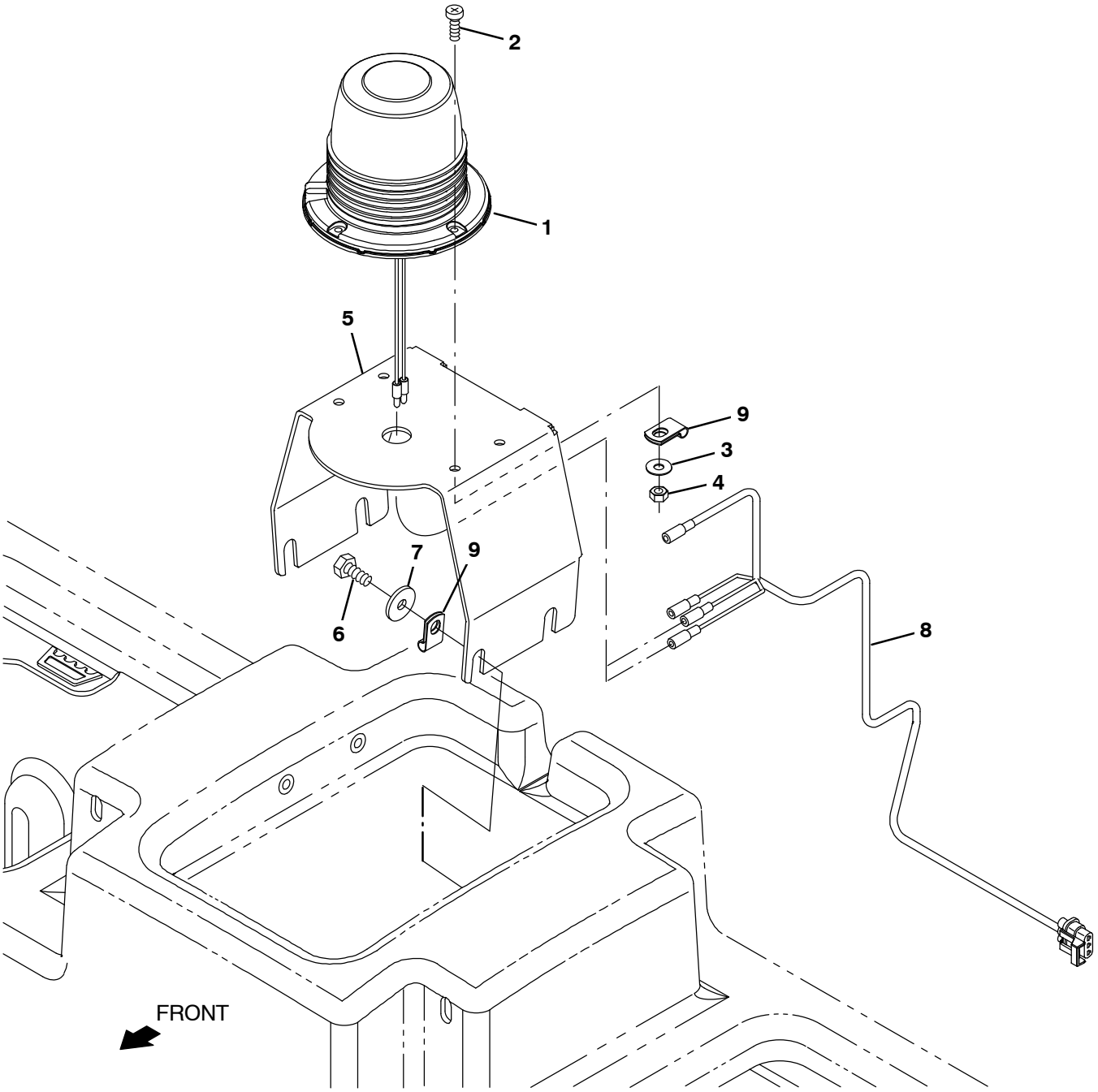
Fig. 27 – Backup Alarm Kit



354473

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9001321	(008000–)	Alarm Kit, Backup, Ci [M20 And T20]	1
▲	1	9007131	(008000–)	Alarm Assy, Backup, 12/48Vdc	1
▲	2	24196	(008000–)	Screw, Pan, Phl, M5 X 0.80 X 20, Ss	2
▲	3	19066	(008000–)	Washer, Flat, 10	2
▲	4	09739	(008000–)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	2
▲	5	1019445	(008000–)	Bracket, Sppt, Strobe Light	1
▲	6	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	4
▲	7	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	4
▲	8	1019971	(008000–)	Harness, Warning / Backup [M20 & T20]	1

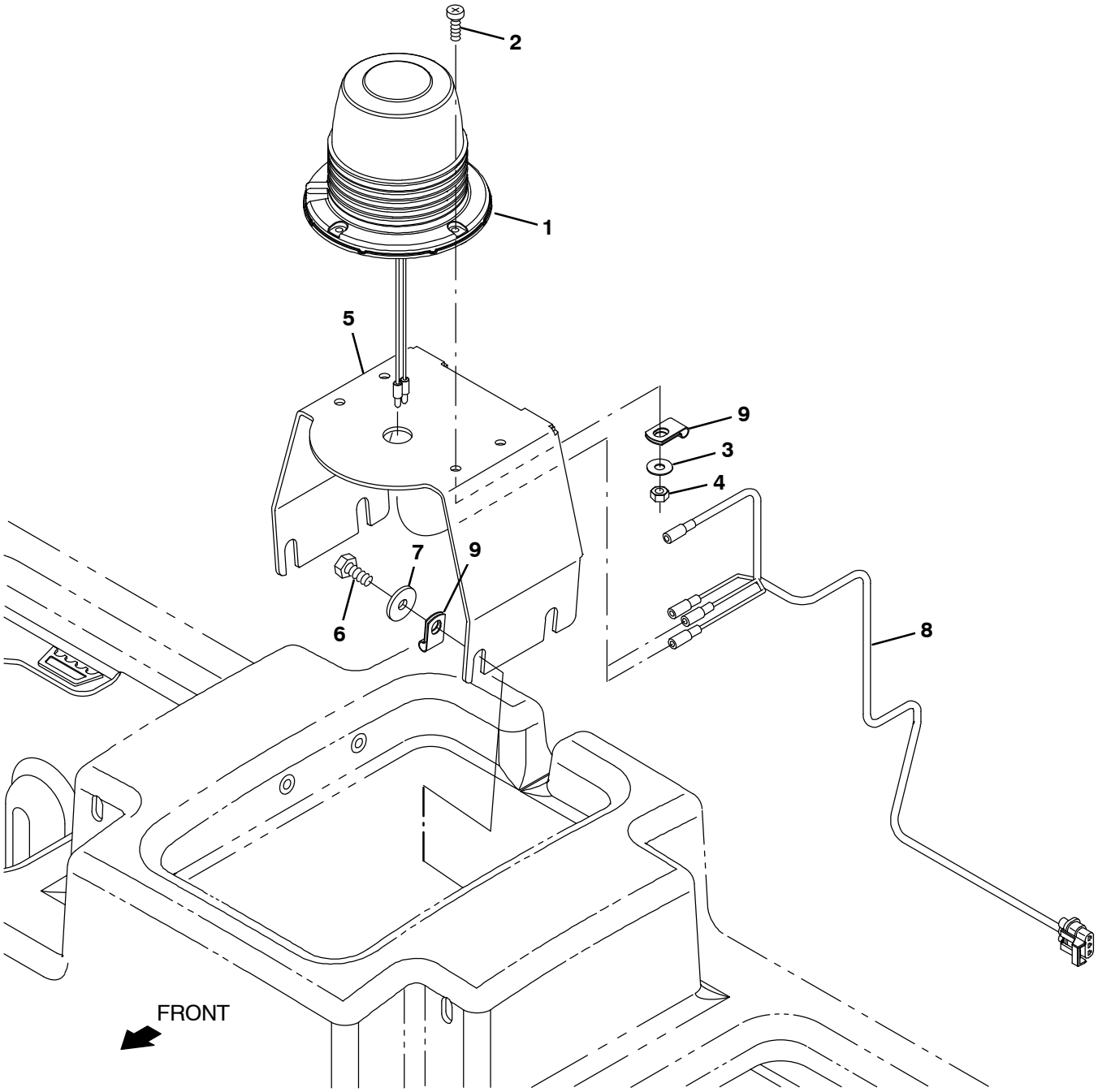
Fig. 28 – Light Kit, Flashing



354475

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9001327	(008000–)	Light Kit, Flsh, Ci [M20 And T20]	1
▲	1	1262183	(008000–)	Light, Flashing, Amb, Led	1
▲		383820	(008000–)	Terminal, Bullet, Mal, .156d, 22–18ga	2
▲	2	24196	(008000–)	Screw, Pan, Phl, M5 X 0.80 X 20, Ss	2
▲	3	19066	(008000–)	Washer, Flat, 10	2
▲	4	09739	(008000–)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	2
▲	5	1019445	(008000–)	Bracket, Sppt, Strobe Light	1
▲	6	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	4
▲	7	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	4
▲	8	1019971	(008000–)	Harness, Warning / Backup [M20 & T20]	1
▲	9	46236	(008000–)	Clamp, Cable, Stl, 0.25D X 0.56W, 1Hole	2

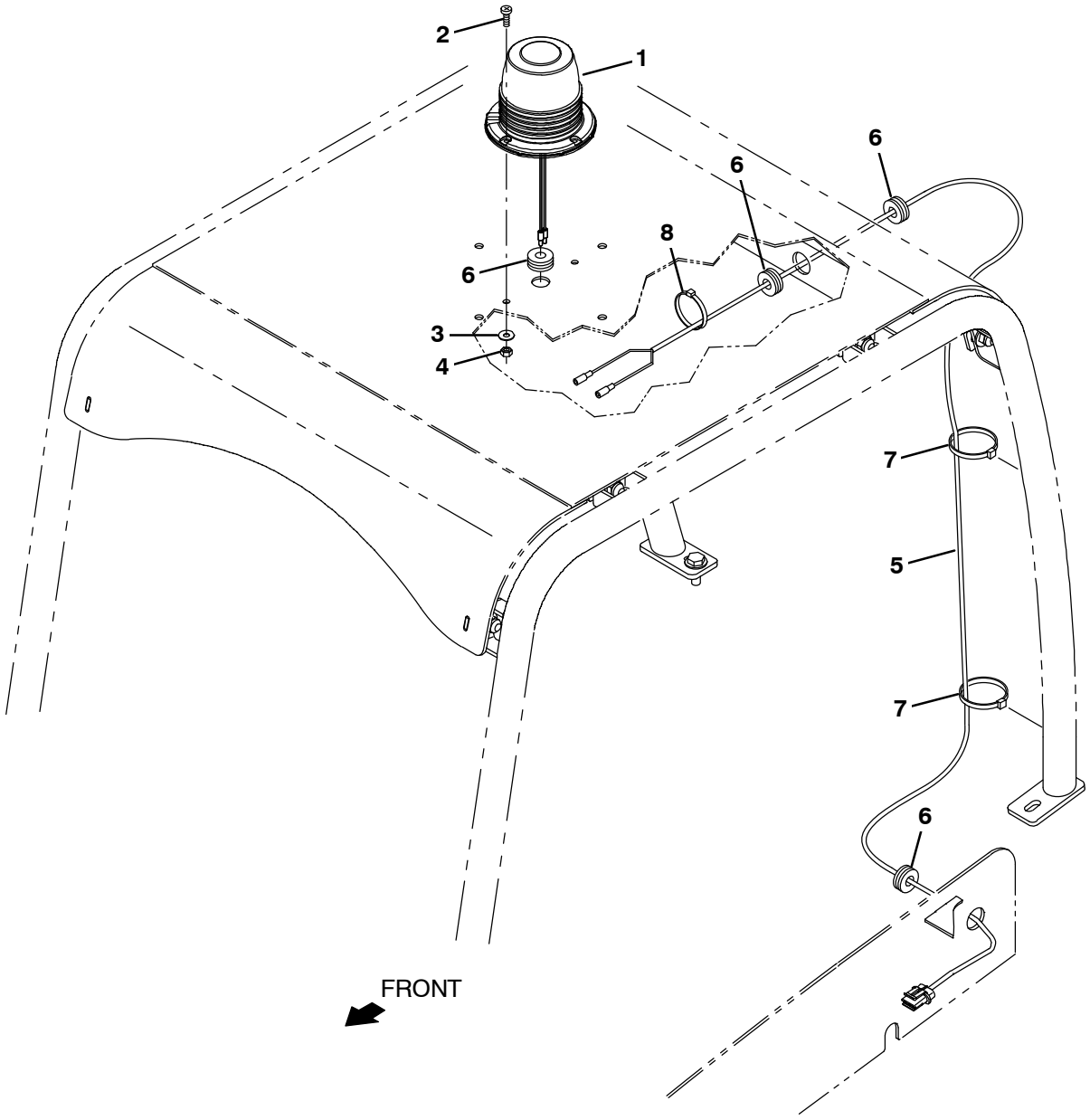
Fig. 29 – Light Kit, Strobe



354475

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9001331	(008000–)	Light Kit, Strobe, Ci [M20 And T20]	1
▲	1	1262183	(008000–)	Light, Flashing, Amb, Led	1
▲		383820	(008000–)	Terminal, Bullet, Mal, .156d, 22–18ga	2
▲	2	24196	(008000–)	Screw, Pan, Phl, M5 X 0.80 X 20, Ss	2
▲	3	19066	(008000–)	Washer, Flat, 10	2
▲	4	09739	(008000–)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	2
▲	5	1019445	(008000–)	Bracket, Sppt, Strobel Light	1
▲	6	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	4
▲	7	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	4
▲	8	1019971	(008000–)	Harness, Warning / Backup [M20 & T20]	1
▲	9	46236	(008000–)	Clamp, Cable, Stl, 0.25D X 0.56W, 1Hole	2

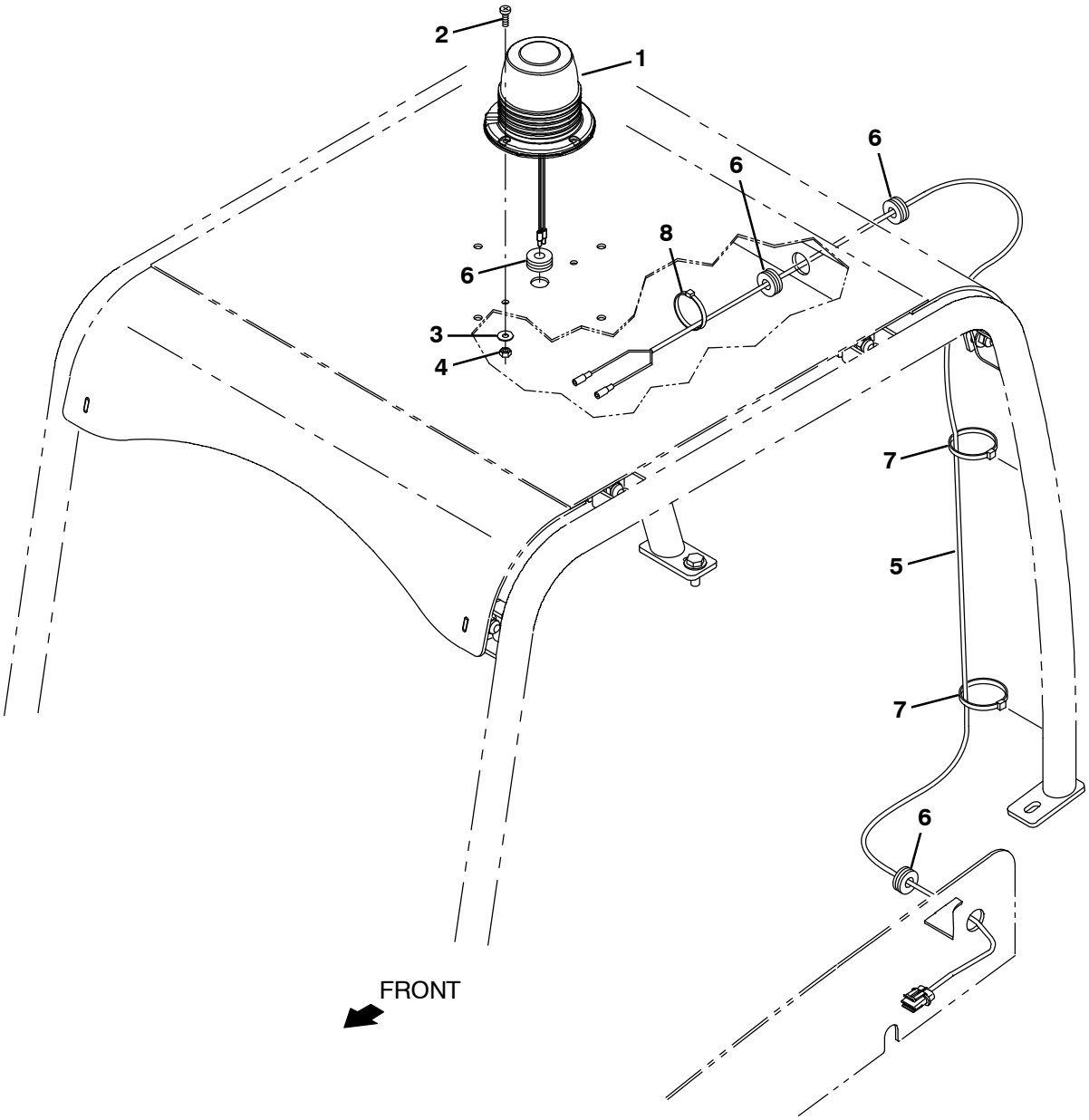
Fig. 30 – Light Kit, Flashing Overhead Guard



354477

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9001718	(008000–)	Light Kit, Flsh, W/Ohg, Ci[M20 And T20]	1
▲	1	1262183	(008000–)	Light, Flashing, Amb, Led	1
▲		383820	(008000–)	Terminal, Bullet, Mal, .156d, 22–18ga	2
▲	2	24196	(008000–)	Screw, Pan, Phl, M5 X 0.80 X 20, Ss	2
▲	3	19066	(008000–)	Washer, Flat, 10	2
▲	4	09739	(008000–)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	2
▲	5	1019647	(008000–)	Harness, Warning / Ohg [M20]	1
▲	6	10632–17	(008000–)	Grommet, Rbr, 0.50id, F/0.8h, .12 Matl	4
▲	7	763115	(008000–)	Tie, Cable, 6.0l, 1.25d Max	4
▲	8	49266	(008000–)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2

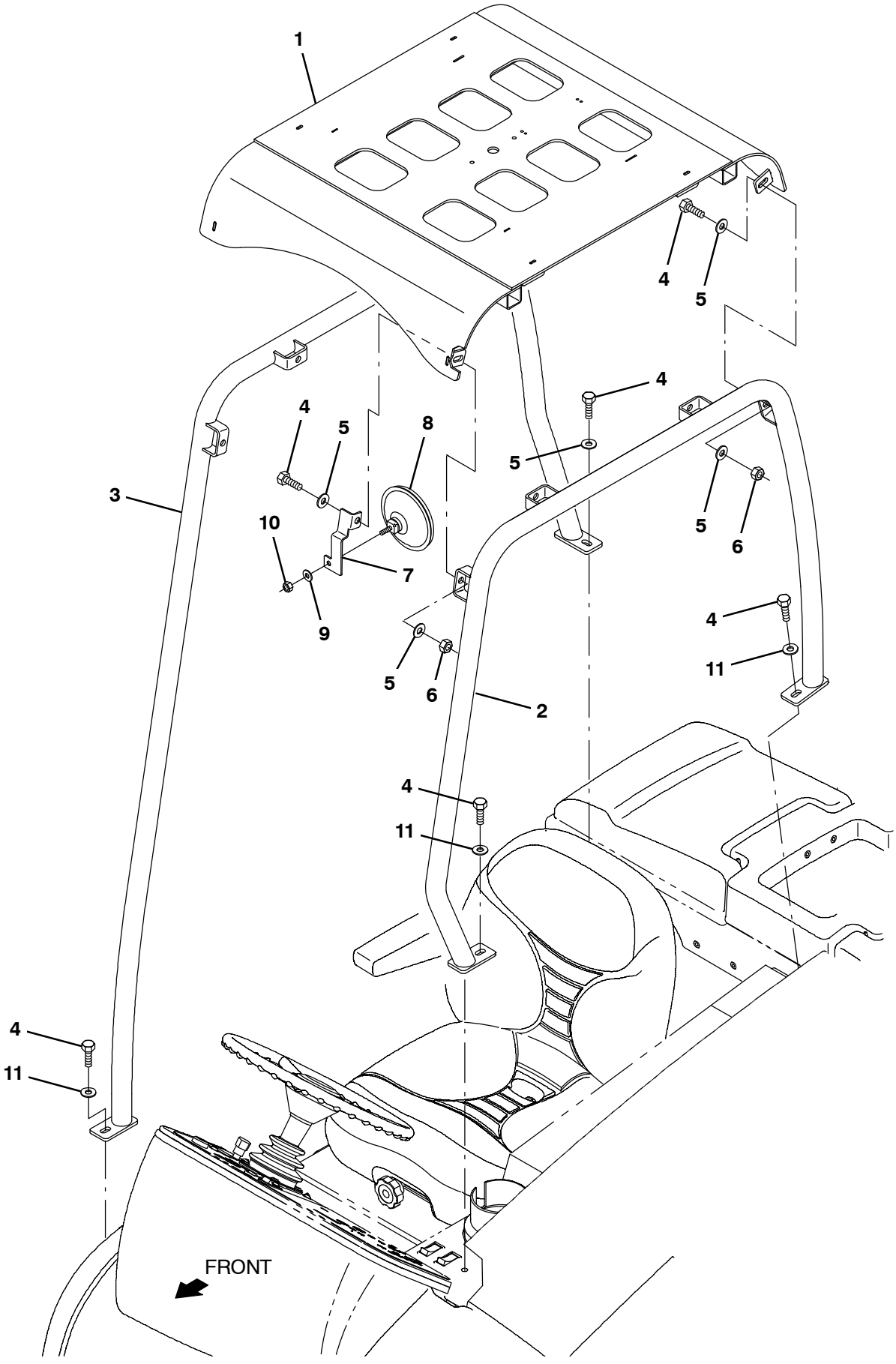
Fig. 31 – Light Kit, Strobe Overhead Guard



354477

	Ref.	Part No.	Serial Number		Description	Qty.
▽		9001717	(008000–	)	Light Kit, Strobe, W/Ohg, Ci [M20 And T20]	1
▲	1	1262183	(008000–	)	Light, Flashing, Amb, Led	1
▲		383820	(008000–	)	Terminal, Bullet, Mal, .156d, 22–18ga	2
▲	2	24196	(008000–	)	Screw, Pan, Phl, M5 X 0.80 X 20, Ss	2
▲	3	19066	(008000–	)	Washer, Flat, 10	2
▲	4	09739	(008000–	)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	2
▲	5	1019647	(008000–	)	Harness, Warning / Ohg [M20]	1
▲	6	10632–17	(008000–	)	Grommet, Rbr, 0.50id, F/0.8h, .12 Matl	4
▲	7	763115	(008000–	)	Tie, Cable, 6.0l, 1.25d Max	4
▲	8	49266	(008000–	)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2

Fig. 32 – Overhead Guard Kit

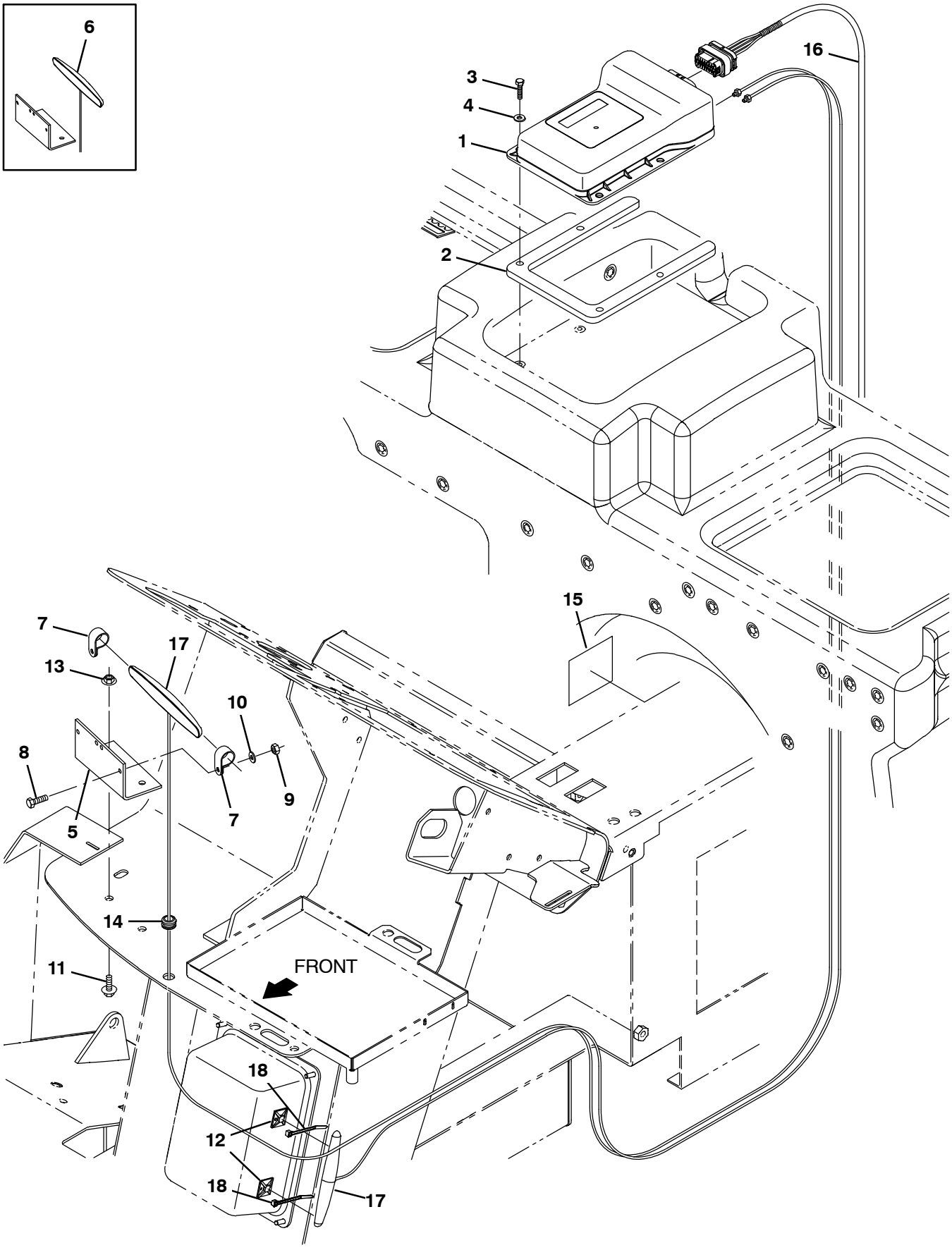


354478

Fig. 32 – Overhead Guard Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9001314	(008000–)	Ohg Kit, Ci [M20 And T20]	1
▲	1	1022276	(008000–)	Guard Wldt, Top, Ohg	1
▲	2	1069241	(008000–)	Tube Wldt, Leg, Ohg, Lh, Pntd	1
▲	3	1069253	(008000–)	Tube Wldt, Leg, Ohg, Rh, Pntd	1
▲	4	03192	(008000–)	Screw, Hex, M10 X 1.5 X 30, 8.8	12
▲	5	32492	(008000–)	Washer, Flat, 0.38 Std	17
▲	6	41430	(008000–)	Nut, Hex, Lock, M10 X 1.5, Nl	8
▲	7	1023879	(008000–)	Bracket, Mtg, Mirror, Rearview	1
▲	8	1050295	(008000–)	Mirror, Convex, 0.50D	1
▲	9	32491	(008000–)	Washer, Flat, 0.31, Std	1
▲	10	19313	(008000–)	Nut, Hex, Std, .31–18	1
▲	11	1014563	(008000–)	Washer, Flat, 0.40b 1.12d .12, Ss	3

Fig. 33 – Telemetry Group

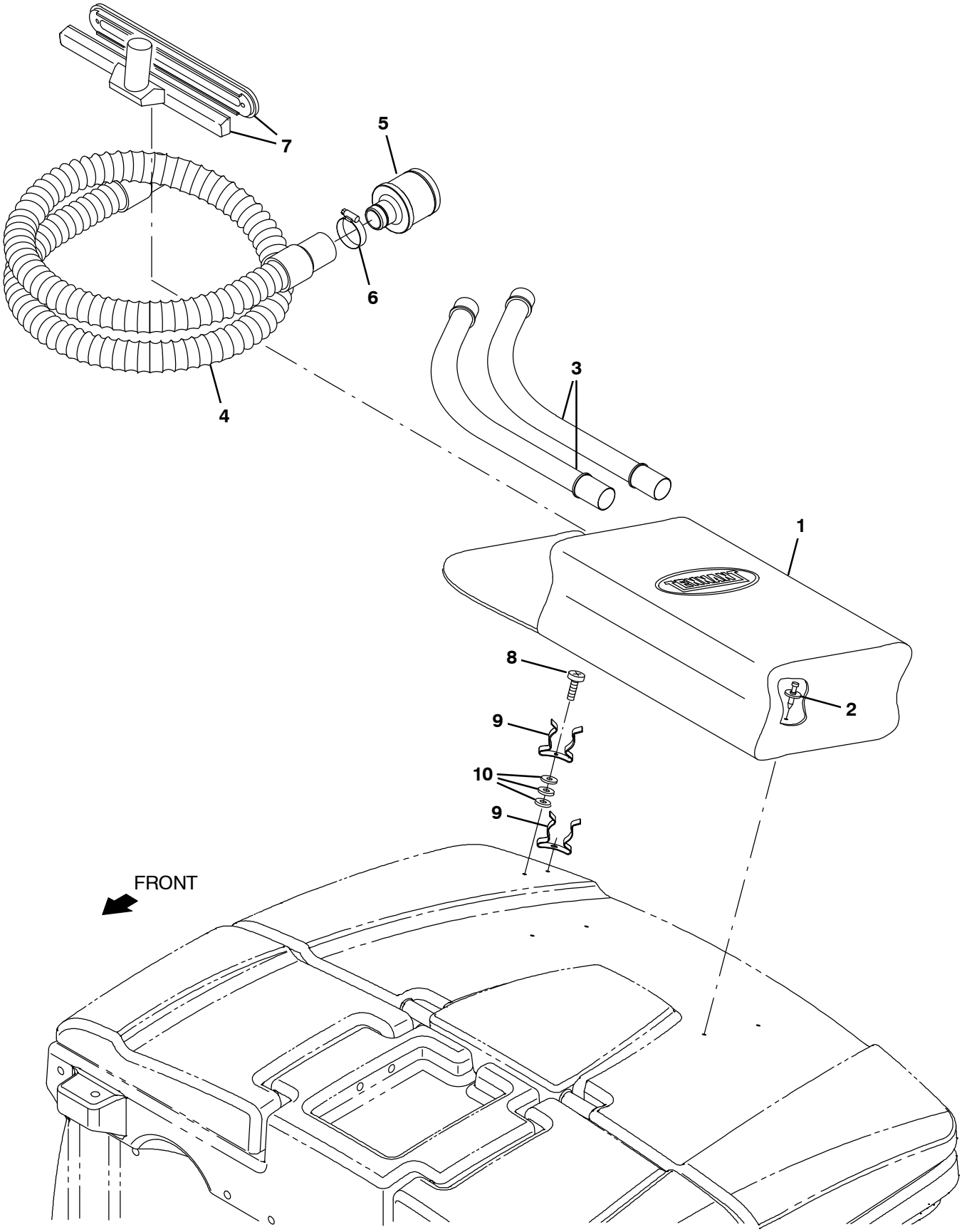


356266 – NA

Fig. 33 – Telemetry Group

Ref.	Part No.	Serial Number	Description	Qty.
1	9010085	(008000–)	Control Box Assy Kit, Replmt, Telem [USA]	1
1	9010086	(008000–)	Control Box Assy Kit, Replmt, Telem [CAN]	1
2	1071062	(008000–)	Bracket, Spacer, Controlbox	1
3	09252	(008000–)	Screw,Hex, M5 X 0.80 X 29, 8.8	4
4	01683	(008000–)	Washer, Flat, 10, Ss	4
5	1070402	(008000–)	Angle, mtg, Antenna, Telem	1
6	1070659	(008000–011019)	Antenna, Telem, 70 In [Gprs]	1
7	140916	(008000–)	Clamp, Cable, Nyl, 0.62D, Nat	2
8	09244	(008000–)	Screw, Hex, M5 X 0.80 X 16, 8.8	2
9	06549	(008000–)	Nut, Hex, Lock, M5 X 0.80, Nl	2
10	19066	(008000–)	Washer, Flat, 0.25b 0.56d .05, Pl, 10	2
11	1040467	(008000–)	Screw, Hex, H6 X 1.00 X 20, 9.8, Sems	2
12	55248	(011020–)	Mount, Cable Tie	2
13	07790	(008000–)	Nut, Hex, Flng, M6 X 1.00	2
14	10632–12	(008000–)	Grommet, Rbr, 0.38id, F/0.5H, .12 Matl	1
15	1069580	(008000–)	Label, Opertnl, Telem [Fcc/Ic]	1
16	1075143	(008000–)	Harness, Ele [Telem]	1
17	1248350	(011020–)	Antenna, Telem [4g, 180”]	2
18	763114	(011020–)	Tie, Cable, 11.3l, 2.75d Max	2

Fig. 34 – Vacuum Wand Kit

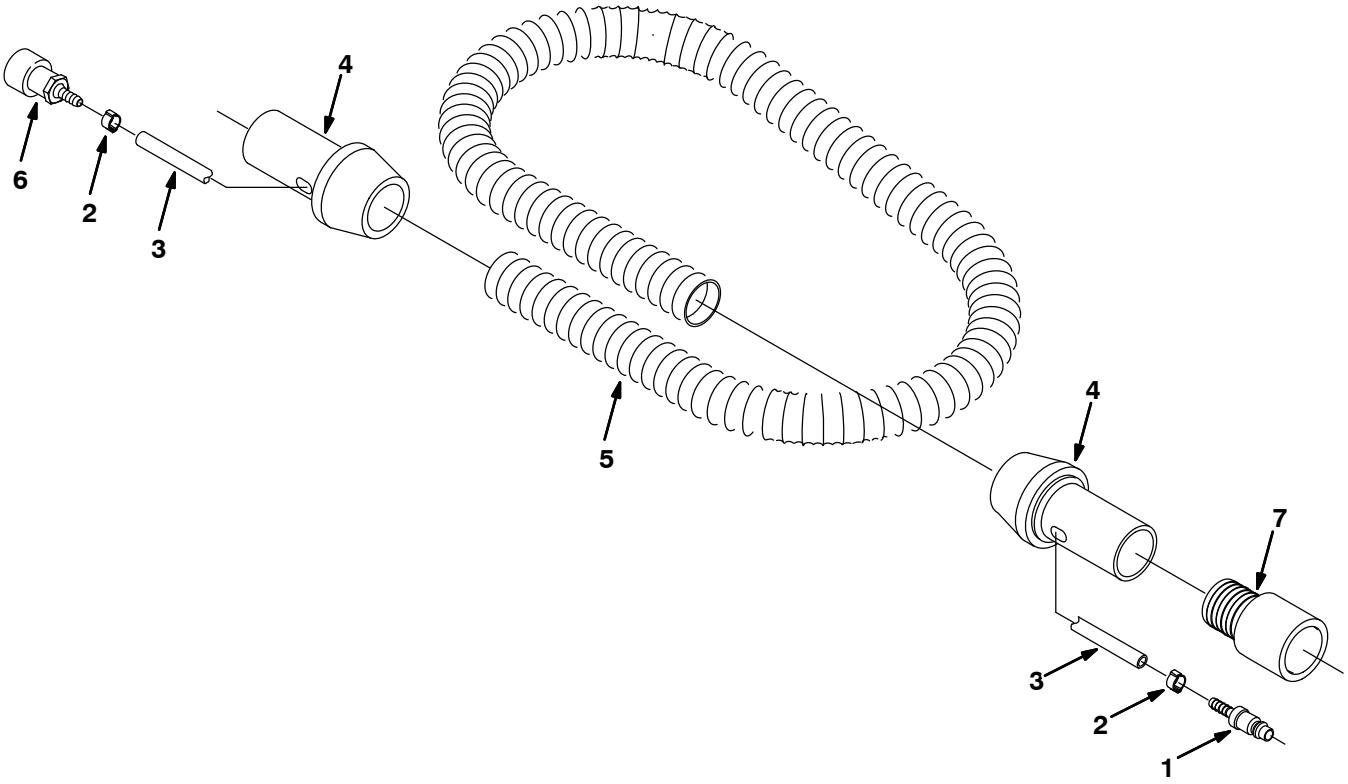


354528 – T20

Fig. 34 – Vacuum Wand Kit

	Ref.	Part No.	Serial Number		Description	Qty.
▽		9003134	(008000–	)	Wand Kit, Vac, Sqge, Ci [T20]	1
▲	1	65580	(008000–	)	Bag, Power	1
▲	2	72968	(008000–	)	Rivet, Plstc, .250 X 0.898	4
▲	3	190722	(008000–	)	Wand, Chm, Dbl Bend [1 Pk= 1 Box Of 2pc]	1
▲	4	86767	(008000–	)	Hose Assy, W/2cuff, 1.5d 90l 1.5/1.5	1
▲	5	1029396	(008000–	)	Fitting, Alm, Str, Bm24/Bm48	1
▲	6	79381	(008000–	)	Clamp, Hose, Wormdrive, 1.25–2.00D, .50W	1
▲	7	13840	(008000–	)	Nozzle Assy, Tool, Wand, 14.0 Inch	1
▲	8	55845	(008000–	)	Screw, Hex, M5 X 0.8 X 16, Fmg	2
▲	9	67004	(008000–	)	Clip, Grip, Finger, 1.00–1.88d White,Vyl	2
▲	10	19064	(008000–	)	Washer, Flat, #06	6

Fig. 35 – Power Wand Hose Assembly



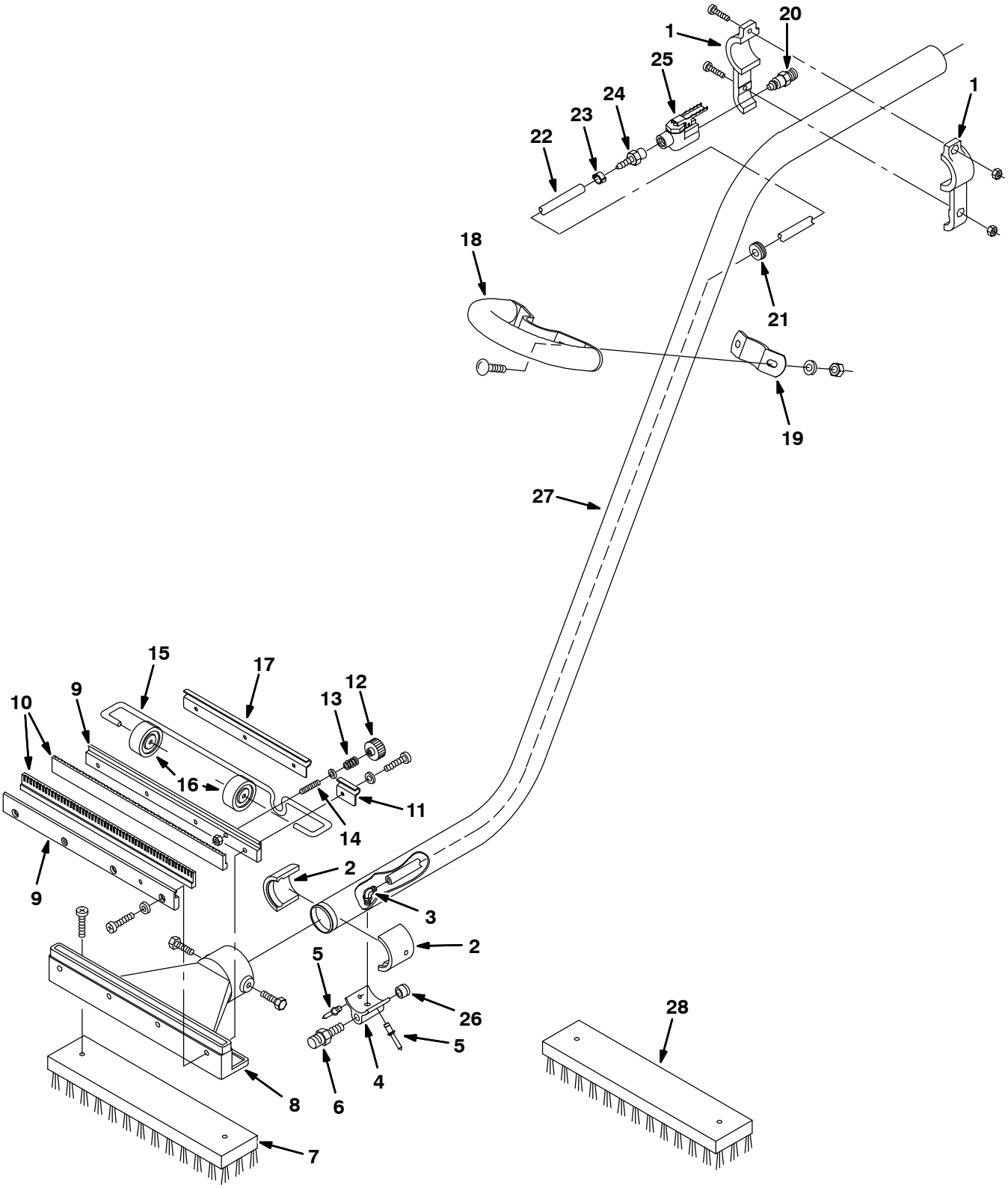
354529

Fig. 35 – Power Wand Hose Assembly

NOTE: Power Wand Kit, Tennant Part Number 9003138, includes; Fig. 35, Fig. 36, and Fig. 37.
NOTE: Power Wand Kit with spray nozzle, Tennant Part Number 9003137, includes; Fig. 35, Fig. 36, and Fig. 38.

	Ref.	Part No.	Serial Number	Description	Qty.
▽		65341	(008000–)	Hose Assy, Wand, Power	1
▲	1	578318000	(008000–)	Fitting, Stl, Qdc, Bm04	1
▲	2	578160000	(008000–)	Clamp, Hose, Ear, 11–13mm, Ss	2
▲	3	578820000	(008000–)	Hose, Pvc, Brd, 0.25id 0.44od 157.2l,Clr	1
▲	4	578072000	(008000–)	Cuff, Swivel, 1.5 Blk	2
▲	5	578276000	(008000–)	Hose, Vacuum, 1.50id X 10ft, Gray	1
▲	6	578071000	(008000–)	Fitting, Brs, Qdc, Bm04/Pf04	1
	7	1029396	(008000–)	Fitting, Alm, Str, Bm24/Bm48	1

Fig. 36 – Power Wand Assembly



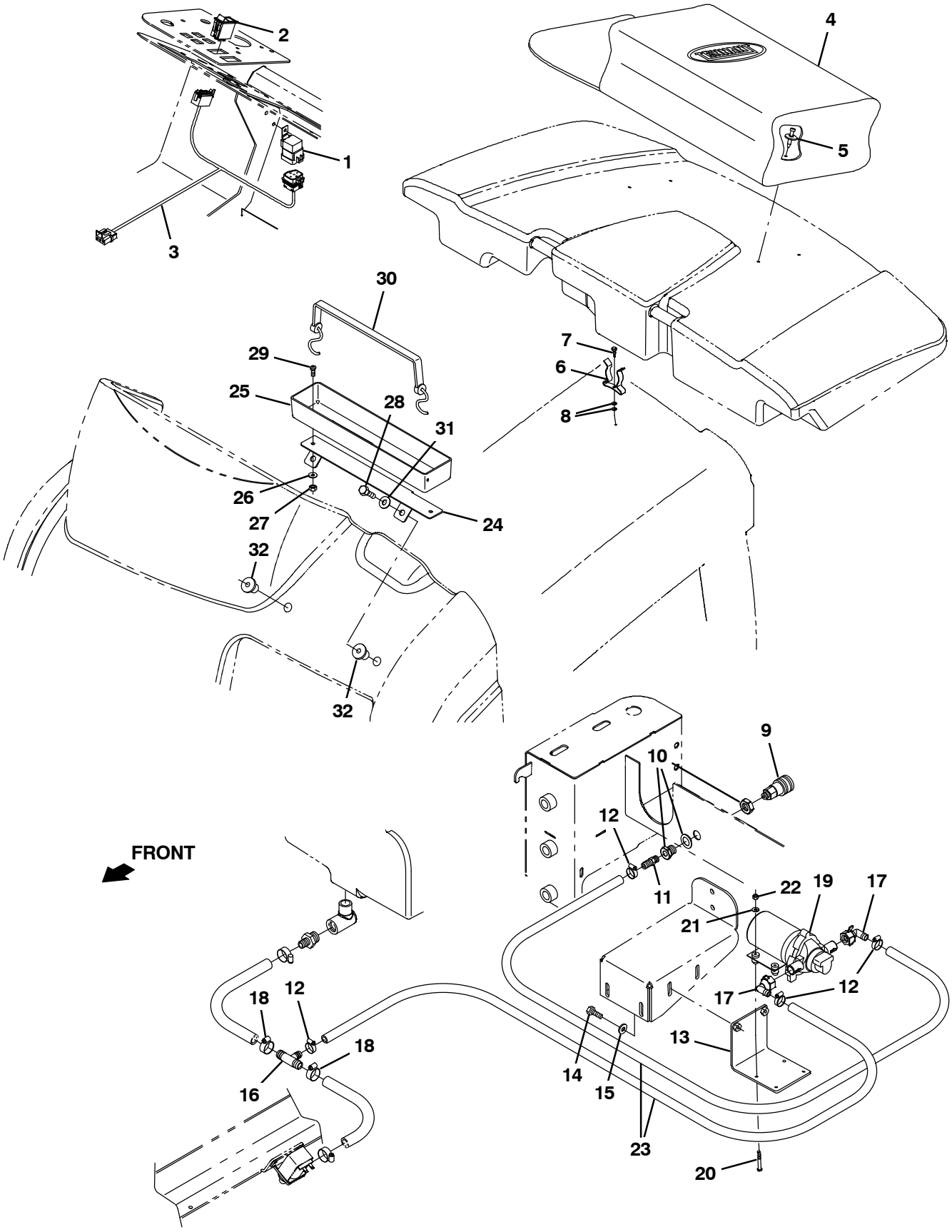
354530

Fig. 36 – Power Wand Assembly

NOTE: Power Wand Kit, Tennant Part Number 9003138, includes; Fig. 35, Fig. 36, and Fig. 37.
NOTE: Power Wand Kit with spray nozzle, Tennant Part Number 9003137, includes; Fig. 35, Fig. 36, and Fig. 38.

	Ref.	Part No.	Serial Number		Description	Qty.
▽		65340	(008000–	)	Wand Assy, Power	1
▲	1	578077000	(008000–	)	Bracket, Wand, Valve Mtg	1
▲	2	578061000	(008000–	)	Adapter, Head / Wand [17b/E]	2
▲	3	578214000	(008000–	)	Fitting, Plstc, E90, Bm04/Pm02	1
▲	4	579112	(008000–	)	Fitting Spray Nozzle Adapter	1
▲	5	602036000	(008000–	)	Rivet, Blind [S2500 Drvblock]	2
▲	6	578066000	(008000–	)	Fitting, Brs, Tip [75, .125k–Jet]	1
▲	7	65610	(008000–	)	Brush, Power Wand, W/ FaSTener, Pyp	1
▲	8	578063000	(008000–	)	Head, Wand [17b/E]	1
▲	9	578078000	(008000–	)	Retainer, Sqge, Wand [17b/E]	2
▲	10	578074000	(008000–	)	Blade, Sqge, 300.8mml, Wand [17b/E, G]	2
▲	11	578124000	(008000–	)	Bracket, Axle, 1 Hole [17b/E]	1
▲	12	578439	(008000–	)	Nut, Thumb, M6 X 1.0, 30d	1
▲	13	578228000	(008000–	)	Spring, Cmpr, 0.40od .04wir 00.6l, Ss	1
▲	14	578143000	(008000–	)	Screw, Set, M6 X 1.00 X 40, Ss [Cuppt]	1
▲	15	578126000	(008000–	)	Axle, Wand [17b/E]	1
▲	16	578125000	(008000–	)	Wheel, 41.3d 19.1w, Rbr	2
▲	17	578123000	(008000–	)	Bracket, Axle, 3 Hole [17b/E]	1
▲	18	578155000	(008000–	)	Handle Wldt, Wand	1
▲	19	578154000	(008000–	)	Bracket, Wand, Handle	1
▲	20	578091000	(008000–	)	Fitting, Brs, Qdc, Pm04, Plug	1
▲	21	578164000	(008000–	)	Grommet, 0.38id, F/0.6h, .06 Matl	1
▲	22	578821000	(008000–	)	Hose, Pyu, 0.25id 0.38od 1220mml, Blk	1
▲	23	578161000	(008000–	)	Clamp, Hose, Ear, 8–11mm, Ss	2
▲	24	578094000	(008000–	)	Fitting, Nyl, Str, Bm04/Pm04	1
▲	25	578064000	(008000–	)	Valve, Cntrl, Water	1
▲	26	150208	(008000–	)	Fitting, Brs, Str, Pm02, Plug [Skhd]	1
▲	27	578060000	(008000–	)	Wand, Dbl Bend, 38.1mmd	1
	28	65582	(008000–	)	Brush, Power Wand, W/ FaSTener, Abr	1

Fig. 37 – Power Wand Pump and Mount Group



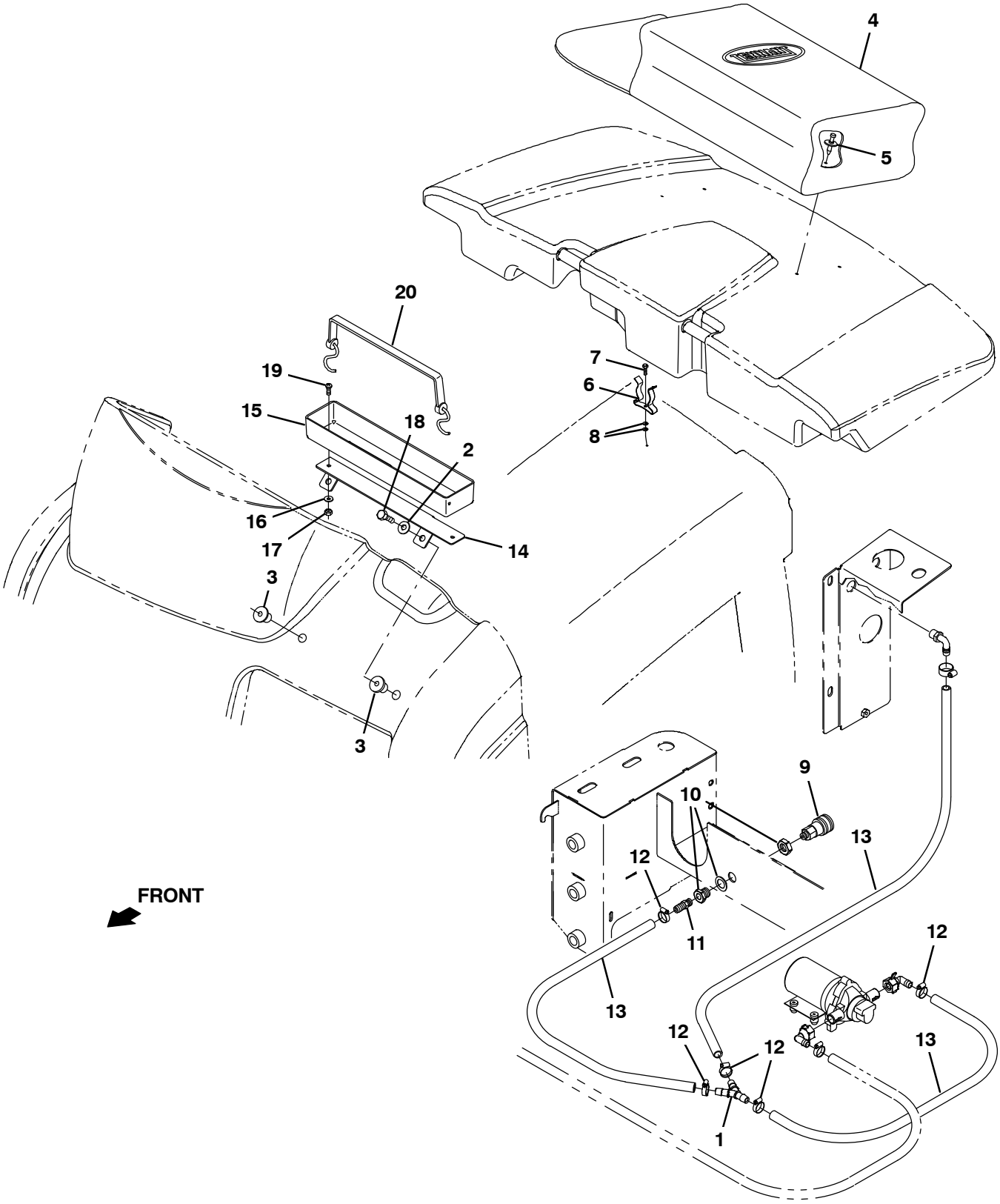
354531

Fig. 37 – Power Wand Pump and Mount Group

NOTE: Power Wand Kit, Tennant Part Number 9003138, includes; Fig. 35, Fig. 36, and Fig. 37.

Ref.	Part No.	Serial Number	Description	Qty.
1	56186	(008000–)	Relay, 12vdc, 040a, Spdt No	1
2	398500	(008000–)	Switch, Rocker, Dpdt, On / None / On	1
3	1021881	(008000–)	Harness, Spray, Nozzle	1
4	65580	(008000–)	Bag, Power	1
5	72968	(008000–)	Rivet, Plstc, .250d X 0.90	4
6	67004	(008000–)	Clip, Grip, Finger, 1.00–1.88d White,Vyl	1
7	09228	(008000–)	Screw, Hex, M4 X 0.7 X 20, 8.8	1
8	19064	(008000–)	Washer, Flat, #06	2
9	65342	(008000–)	Fitting, Brs, Qdc, Pm04/Qf06	1
10	78122	(008000–)	Fitting, Brs, Str, Pf04/Pf04, Bh	1
11	48610	(008000–)	Fitting, Plstc, Str, Bm08/Pm04	1
12	54333	(008000–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	4
13	1023585	(008000–)	Bracket, Mtg, Pump	1
14	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	2
15	32491	(008000–)	Washer, Flat, 0.31, Std	2
16	1015486	(008000–)	Fitting, Plstc, Tee, Bm08/Bm10/Bm10, Br	1
17	1018499	(008000–)	Fitting, Plstc, E90, Bm08/Pf08s, Swivel	2
18	63810	(008000–)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	2
19	1026743	(008000–)	Pump, Diaphragm	1
20	06939	(008000–)	Screw, Pan, M5 X 0.80 X 45, 4.8	4
21	19066	(008000–)	Washer, Flat, #10	4
22	06549	(008000–)	Nut, Hex, Lock, M5 X 0.80, Nl	4
23	1011837	(008000–)	Hose, Afmkt, Pvc, Brd, 0.50id, 12ft, Clr	1
24	1030407	(008000–)	Bracket, Mtg, Wand	1
25	61212	(008000–)	Tray	1
26	01684	(008000–)	Washer,Flat 0.25, Ss	2
27	08712	(008000–)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	2
28	21198	(008000–)	Screw, Hex, .38–16 X 1.25, G5	2
29	367770	(008000–)	Screw, Pan, M6 X 1.0 X 16, Ss	2
30	57769	(008000–)	Strap, Rbr, 13.2l [2/S Hooks]	1
31	32492	(008000–)	Washer, Flat, 0.38, Std	2
32	397648	(008000–)	Nut, Isolator, .38–16 Wall Th .015–.437	2

Fig. 38 – Power Wand Pump and Mount Group with Spray Nozzle (008000–013000)



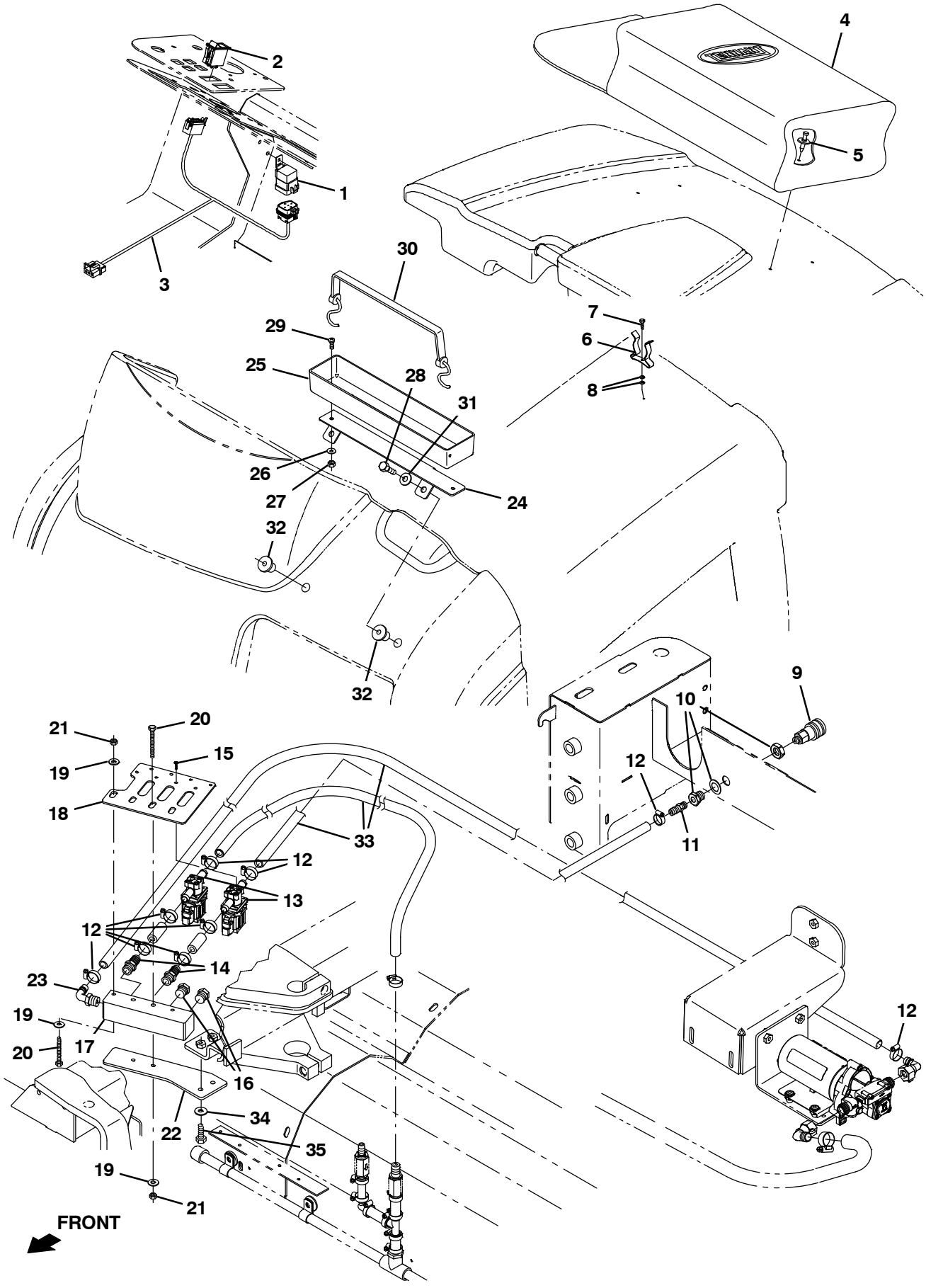
354532

Fig. 38 – Power Wand Pump and Mount Group with Spray Nozzle (008000–013000)

NOTE: Power Wand Kit with spray nozzle, Tennant Part Number 9003137, includes; Fig. 35, Fig. 36, and Fig. 38.

Ref.	Part No.	Serial Number	Description	Qty.
1	1010668	(008000–013000)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	1
2	32492	(008000–013000)	Washer, Flat, 0.38, Std	2
3	397648	(008000–013000)	Nut, Isolator, .38–16 Wall Th .015–.437	2
4	65580	(008000–013000)	Bag, Power	1
5	72968	(008000–013000)	Rivet, Plstc, .250d X 0.90	4
6	67004	(008000–013000)	Clip, Grip, Finger, 1.00–1.88d White,Vyl	1
7	09228	(008000–013000)	Screw, Hex, M4 X 0.7 X 20, 8.8	1
8	19064	(008000–013000)	Washer, Flat, #06	2
9	65342	(008000–013000)	Fitting, Brs, Qdc, Pm04/Qf06	1
10	78122	(008000–013000)	Fitting, Brs, Str, Pf04/Pf04, Bh	1
11	48610	(008000–013000)	Fitting, Plstc, Str, Bm08/Pm04	1
12	54333	(008000–013000)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	4
13	1011837	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.50id, 12ft, Clr	1
14	1030407	(008000–013000)	Bracket, Mtg, Wand	1
15	61212	(008000–013000)	Tray	1
16	01684	(008000–013000)	Washer,Flat 0.25, Ss	2
17	08712	(008000–013000)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	2
18	21198	(008000–013000)	Screw, Hex, .38–16 X 1.25, G5	2
19	367770	(008000–013000)	Screw, Pan, M6 X 1.0 X 16, Ss	2
20	57769	(008000–013000)	Strap, Rbr, 13.2l [2/S Hooks]	1

Fig. 39 – Power Wand Solution Control and Mount Group (013001–)

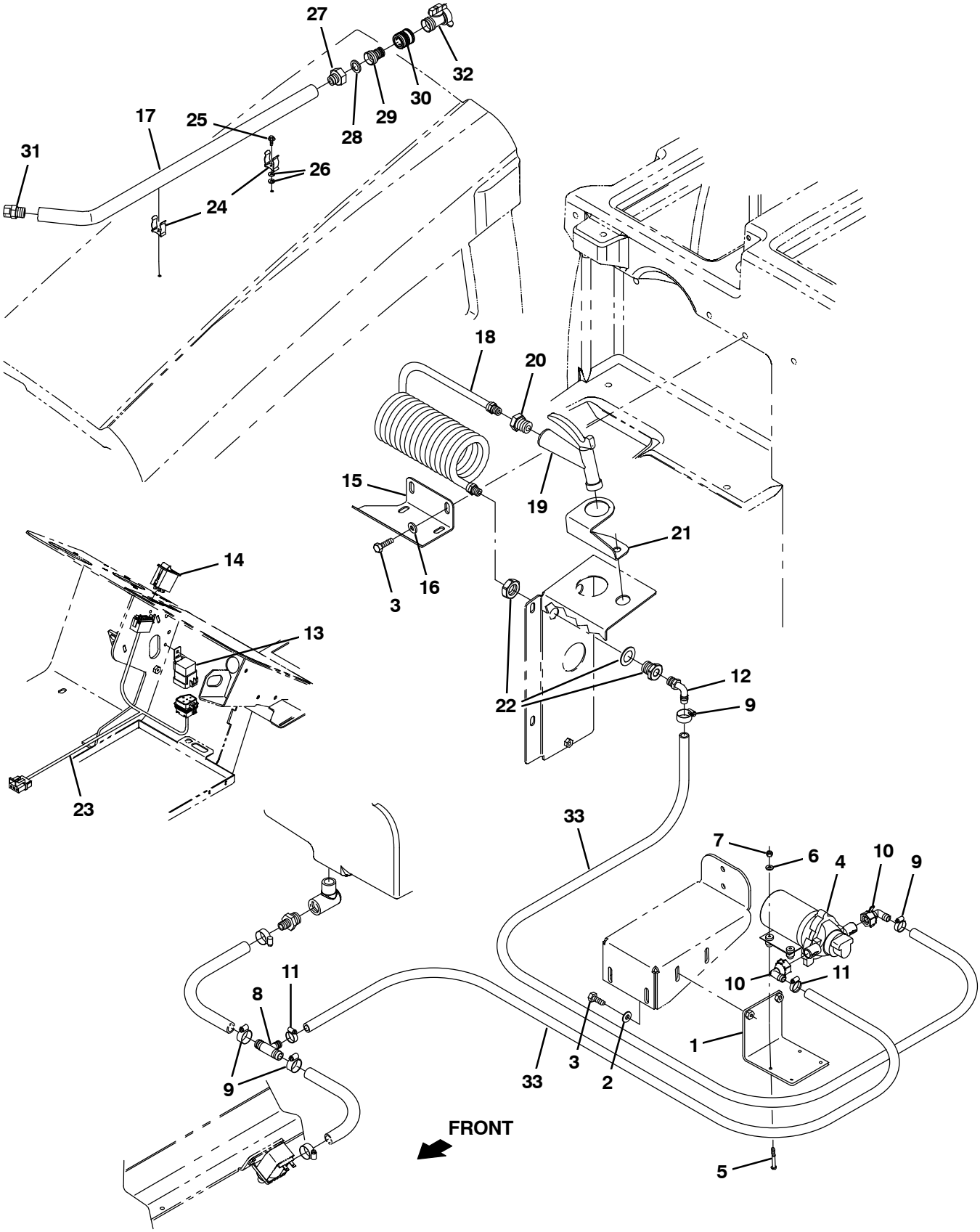


357151 – T20

Fig. 39 – Power Wand Solution Control and Mount Group (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	56186	(013001–)	Relay, 12vdc, 040a, Spdt No	1
2	398500	(013001–)	Switch, Rocker, Dpdt, On / None / On	1
3	1021881	(013001–)	Harness, Spray, Nozzle	1
4	65580	(013001–)	Bag, Power	1
5	72968	(013001–)	Rivet, Plstc, .250d X 0.90	4
6	67004	(013001–)	Clip, Grip, Finger, 1.00–1.88d White,Vyl	1
7	09228	(013001–)	Screw, Hex, M4 X 0.7 X 20, 8.8	1
8	19064	(013001–)	Washer, Flat, #06	2
9	65342	(013001–)	Fitting, Brs, Qdc, Pm04/Qf06	1
10	78122	(013001–)	Fitting, Brs, Str, Pf04/Pf04, Bh	1
11	48610	(013001–)	Fitting, Plstc, Str, Bm08/Pm04	1
12	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	9
13	1076870	(013001–)	Valve, Water, Solenoid [12vdc, Bm08/Bm08	2
14	64743	(013001–)	Fitting, Plstc, Str, Bm08/Pm06	2
15	1257563	(013001–)	Screw, Pan, Torx, 06–19 X 0.38, F/ Plstc	4
16	630146	(013001–)	Fitting, Plug, Pm06, Hdpe	2
17	1254833	(013001–)	Manifold, Soln	1
18	1254856	(013001–)	Plate, Manifold, Mtg	1
19	32490	(013001–)	Washer, Flat, 0.25, Std	6
20	1257800	(013001–)	Screw, Hex, M6 X 1.00 X 60, Ss, Fl	4
21	08712	(013001–)	Nut, Hex, Lock, M6 X 1.00, Nl, Ss	4
22	1077124	(013001–)	Bracket, Manifold, Stratus	1
23	64778	(013001–)	Fitting, Plstc, E90, Bm08/Pm06	1
24	1030407	(013001–)	Bracket, Mtg, Wand	1
25	61212	(013001–)	Tray	1
26	01684	(013001–)	Washer,Flat 0.25, Ss	2
27	08712	(013001–)	Nut, Hex, Lock, M6 X 1.00, Ss, Nl	2
28	21198	(013001–)	Screw, Hex, .38–16 X 1.25, G5	2
29	367770	(013001–)	Screw, Pan, M6 X 1.0 X 16, Ss	2
30	57769	(013001–)	Strap, Rbr, 13.2l [2/S Hooks]	1
31	32492	(013001–)	Washer, Flat, 0.38, Std	2
32	397648	(013001–)	Nut, Isolator, .38–16 Wall Th .015–.437	2
33	1011412	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
34	01685	(013001–)	Washer, Flat, 0.38b 0.88d .08, Ss	2
35	09010	(013001–)	Screw, Hex, M8 X 1.25 X 25, Ss	2

Fig. 40 – Spray Nozzle Kit (008000–013000)

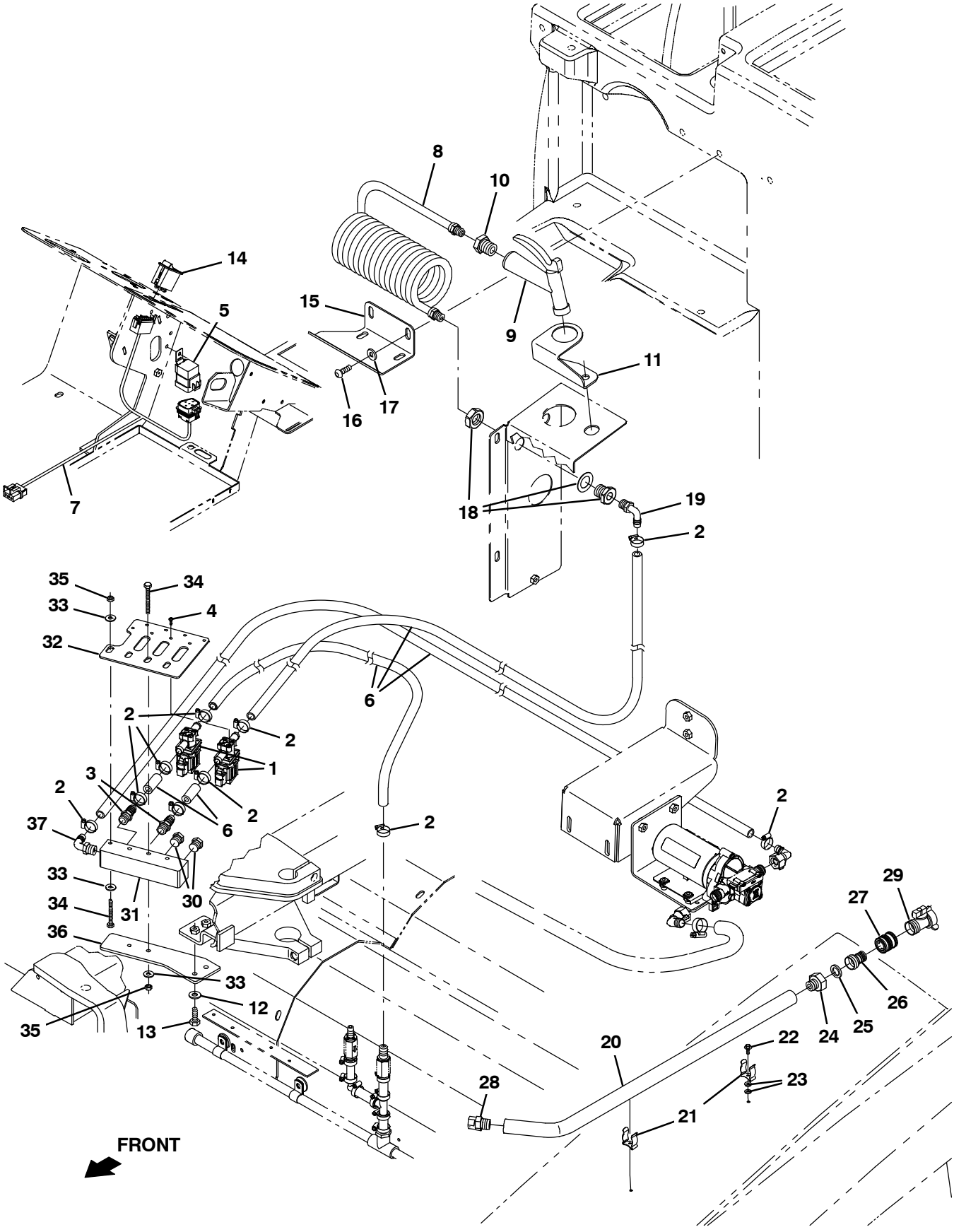


354533 – T20

Fig. 40 – Spray Nozzle Kit (008000–013000)

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9003139	(008000–013000)	Nozzle kit, Spray, Ci [T20]	1
▲	1	1023585	(008000–013000)	Bracket, Mtg, Pump	1
▲	2	32491	(008000–013000)	Washer, Flat, 0.31, Std	2
▲	3	09740	(008000–013000)	Screw, Hex, M8 X 1.25 X 20, Ss	4
▲	4	1026743	(008000–013000)	Pump, Diaphragm	1
▲	5	06939	(008000–013000)	Screw, Pan, M5 X 0.80 X 45, 4.8	4
▲	6	19066	(008000–013000)	Washer, Flat, #10	4
▲	7	06549	(008000–013000)	Nut, Hex, Lock, M5 X 0.80, Nl	4
▲	8	1015486	(008000–013000)	Fitting, Plstc, Tee, Bm08/Bm10/Bm10, Br	1
▲	9	63810	(008000–013000)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	4
▲	10	1018499	(008000–013000)	Fitting, Plstc, E90, Bm08/Pf08s, Swivel	1
▲	11	54333	(008000–013000)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
▲	12	64778	(008000–013000)	Fitting, Plstc, E90, Bm08/Pm06	1
▲	13	56186	(008000–013000)	Relay, 12vdc, 040a, Spdt No	1
▲	14	398500	(008000–013000)	Switch, Rocker, Dpdt, On / None / On	1
▲	15	1029790	(008000–013000)	Bracket, Mtg, Spray Wand [FaST, Conv]	1
▲	16	1017218	(008000–013000)	Washer, Flat, 0.32b 1.00d .12, Ss	2
▲	17	1029055	(008000–013000)	Wand, Clean–Out	1
▲	18	1019250	(008000–013000)	Hose, Water, Coil, 0.38id 0.56od	1
▲	19	769785	(008000–013000)	Nozzle, Spray, Gun	1
▲	20	1027976	(008000–013000)	Fitting, Brs, Str, Pf06/Pm12	1
▲	21	1027237	(008000–013000)	Bracket, Mtg, Spray Handle	1
▲	22	1027978	(008000–013000)	Fitting, Brs, Str, Pf06/Pf06 Bh	1
▲	23	1021881	(008000–013000)	Harness, Spray, Nozzle	1
▲	24	1029057	(008000–013000)	Clip, Grip, Finger, .875–1.25	2
▲	25	20394	(008000–013000)	Screw, Hex, #10–16 X 0.62, Fmg [Ab]	2
▲	26	01683	(008000–013000)	Washer, Flat, #10, Ss	4
▲	27	375321	(008000–013000)	Fitting, Brs, Str, Pm08/Garden Hose	1
▲	28	01316	(008000–013000)	Washer, Flat, 0.66b 1.00d .12, Rbr	1
▲	29	1029153	(008000–013000)	Fitting, Brs, Spcl [Garden Hose]	1
▲	30	1029155	(008000–013000)	Coupling, Nozzle, Spray	1
▲	31	1029156	(008000–013000)	Nozzle	1
▲	32	1029399	(008000–013000)	Valve, Shutoff	1
▲	33	1011837	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.50id, 12ft, Clr	1

Fig. 41 – Spray Nozzle Group (013001–)

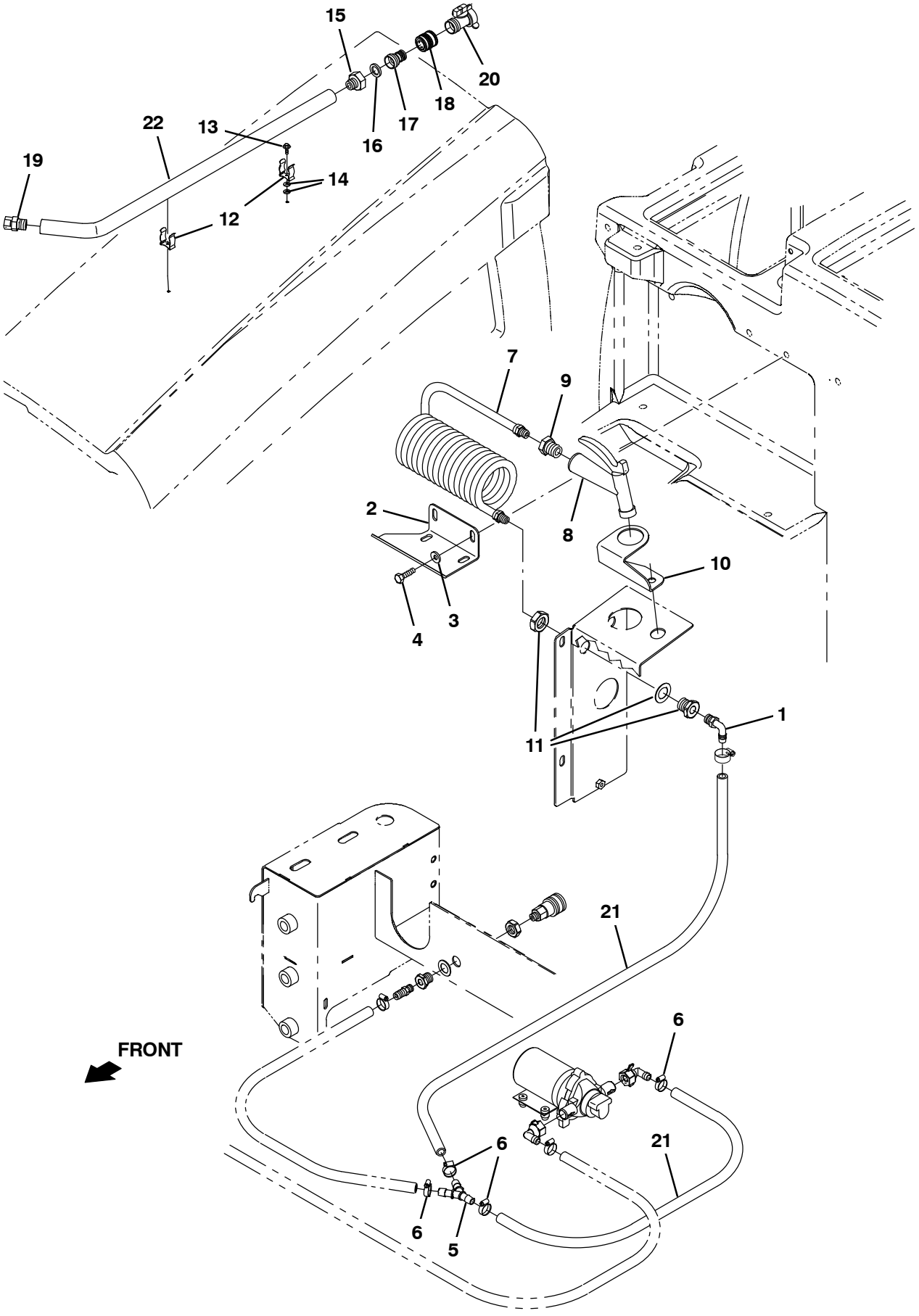


357118 – T20

Fig. 41 – Spray Nozzle Group (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1076870	(013001–)	Valve, Water, Solenoid [12vdc, Bm08/Bm08	1
2	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	8
3	64743	(013001–)	Fitting, Plstc, Str, Bm08/Pm06	2
4	1257563	(013001–)	Screw, Pan, Torx, 06–19 X 0.38, F/ Plstc	4
5	56186	(013001–)	Relay, 12vdc, 40a, Spdt N/O	1
6	1011412	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
7	1076974	(013001–)	Harness, Spray, Nozzle	1
8	1019250	(013001–)	Hose, Water, Coil	1
9	769785	(013001–)	Nozzle, Spray, Gun	1
10	1027976	(013001–)	Fitting, Brs, Str, Pf06/Pm12	1
11	1027237	(013001–)	Bracket, Mtg, Spray Handle	1
12	01685	(013001–)	Washer, Flat, 0.38b 0.88d .08, Ss	2
13	09010	(013001–)	Screw, Hex, M8 X 1.25 X 25, Ss	2
14	398500	(013001–)	Switch, Rocker, Dpdt On/None/On	1
15	1029790	(013001–)	Bracket, Mtg, Spray Wand [FaST, Conv]	1
16	393135	(013001–)	Screw, Btn, M8 X 1.25 X 20, Blk	2
17	32491	(013001–)	Washer, Flat, 0.31, Std	2
18	1027978	(013001–)	Fitting, Brs, Str, Pf06/Pf06 Bh	1
19	64778	(013001–)	Fitting, Plstc, E90, Bm08/Pm06	1
20	1029055	(013001–)	Wand, Clean–Out	1
21	1029057	(013001–)	Clip, Grip, Finger, .875–1.25	2
22	20394	(013001–)	Screw, Hex, #10–16 X 0.62, Fmg [Ab]	2
23	01683	(013001–)	Washer, Flat, #10, Ss	4
24	375321	(013001–)	Fitting, Brs, Str, Pm08/Garden Hose	1
25	01316	(013001–)	Washer, Flat, 0.66b 1.00d .12, Rbr	1
26	1029153	(013001–)	Nipple, Hose	1
27	1029155	(013001–)	Coupling, Nozzle, Spray	1
28	1029156	(013001–)	Nozzle	1
29	1029399	(013001–)	Valve, Shutoff	1
30	630146	(013001–)	Fitting, Plug, Pm06, Hdpe	2
31	1254833	(013001–)	Manifold, Soln	1
32	1254856	(013001–)	Plate, Manifold, Mtg	1
33	32490	(013001–)	Washer, Flat, 0.25, Std	6
34	1257800	(013001–)	Screw, Hex, M6 X 1.00 X 60, Ss, Fl	4
35	08712	(013001–)	Nut, Hex, Lock, M6 X 1.00, Nl, Ss	4
36	1077124	(013001–)	Bracket, Manifold, Stratus	1
37	64778	(013001–)	Fitting, Plstc, E90, Bm08/Pm06	1

Fig. 42 – Spray Nozzle Kit with Power Wand (008000– 013000)

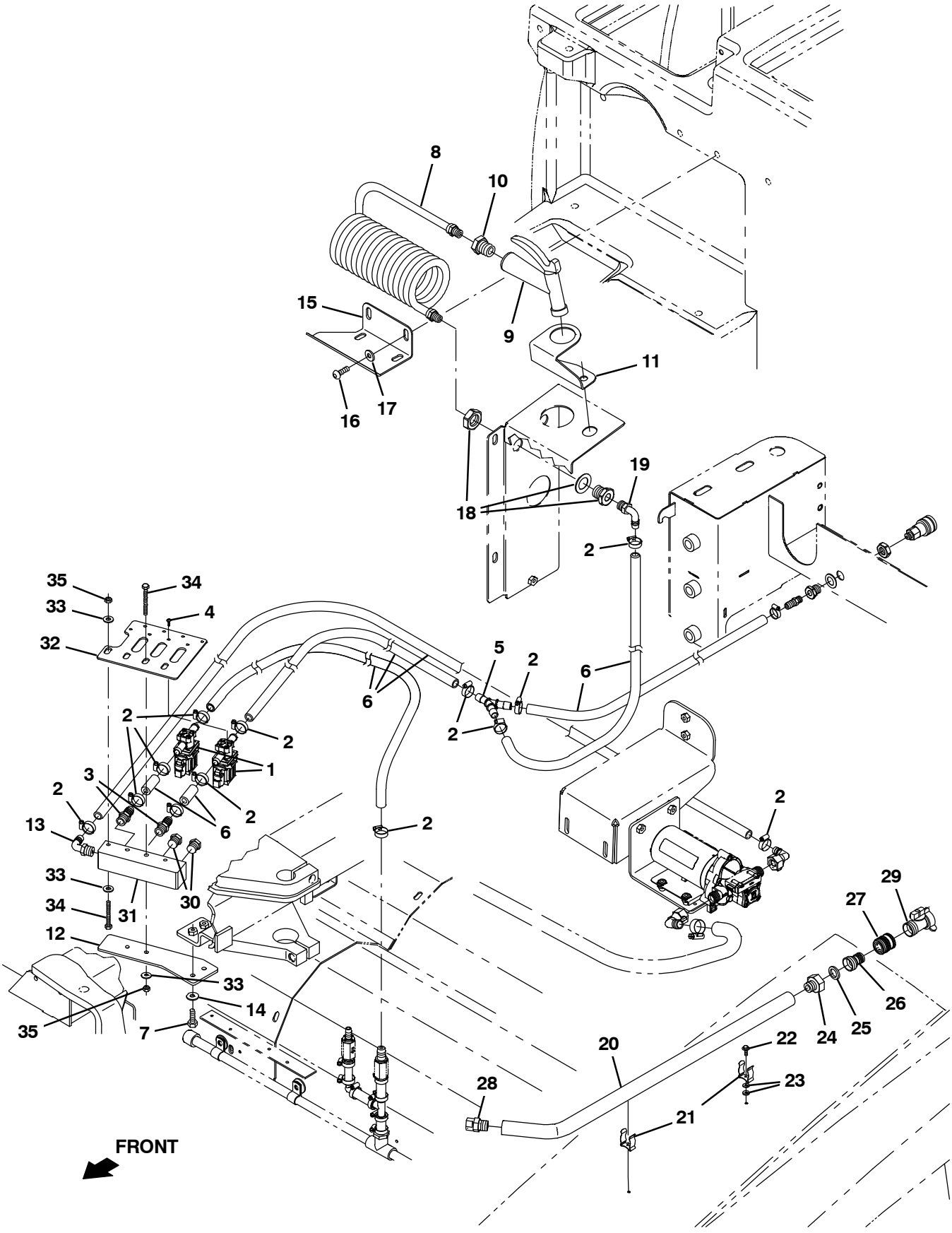


354534 – T20

Fig. 42 – Spray Nozzle Kit with Power Wand (008000–013000)

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9003282	(008000–013000)	Nozzle Kit, Spray, W/Pwr Wand, Ci [T20]	1
▲	1	64778	(008000–013000)	Fitting, Plstc, E90, Bm08/Pm06	1
▲	2	1029790	(008000–013000)	Bracket, Mtg, Spray Wand [FaST, Conv]	1
▲	3	1017218	(008000–013000)	Washer, Flat, 0.32b 1.00d .12, Ss	2
▲	4	09740	(008000–013000)	Screw, Hex, M8 X 1.25 X 20, Ss	2
▲	5	1010668	(008000–013000)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	1
▲	6	63810	(008000–013000)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	4
▲	7	1019250	(008000–013000)	Hose, Water, Coil, 0.38id 0.56od	1
▲	8	769785	(008000–013000)	Nozzle, Spray, Gun	1
▲	9	1027976	(008000–013000)	Fitting, Brs, Str, Pf06/Pm12	1
▲	10	1027237	(008000–013000)	Bracket, Mtg, Spray Handle	1
▲	11	1027978	(008000–013000)	Fitting, Brs, Str, Pf06/Pf06 Bh	1
▲	12	1029057	(008000–013000)	Clip, Grip, Finger, .875–1.25	2
▲	13	20394	(008000–013000)	Screw, Hex, #10–16 X 0.62, Fmg [Ab]	2
▲	14	01683	(008000–013000)	Washer, Flat, #10, Ss	4
▲	15	375321	(008000–013000)	Fitting, Brs, Str, Pm08/Garden Hose	1
▲	16	01316	(008000–013000)	Washer, Flat, 0.66b 1.00d .12, Rbr	1
▲	17	1029153	(008000–013000)	Fitting, Brs, Spcl [Garden Hose]	1
▲	18	1029155	(008000–013000)	Coupling, Nozzle, Spray	1
▲	19	1029156	(008000–013000)	Nozzle	1
▲	20	1029399	(008000–013000)	Valve, Shutoff	1
▲	21	1011837	(008000–013000)	Hose, Afmkt, Pvc, Brd, 0.50id, 12ft, Clr	1
▲	22	1029055	(008000–013000)	Wand, Clean–Out	1

Fig. 43 – Spray Nozzle Group with Power Wand (013001–)

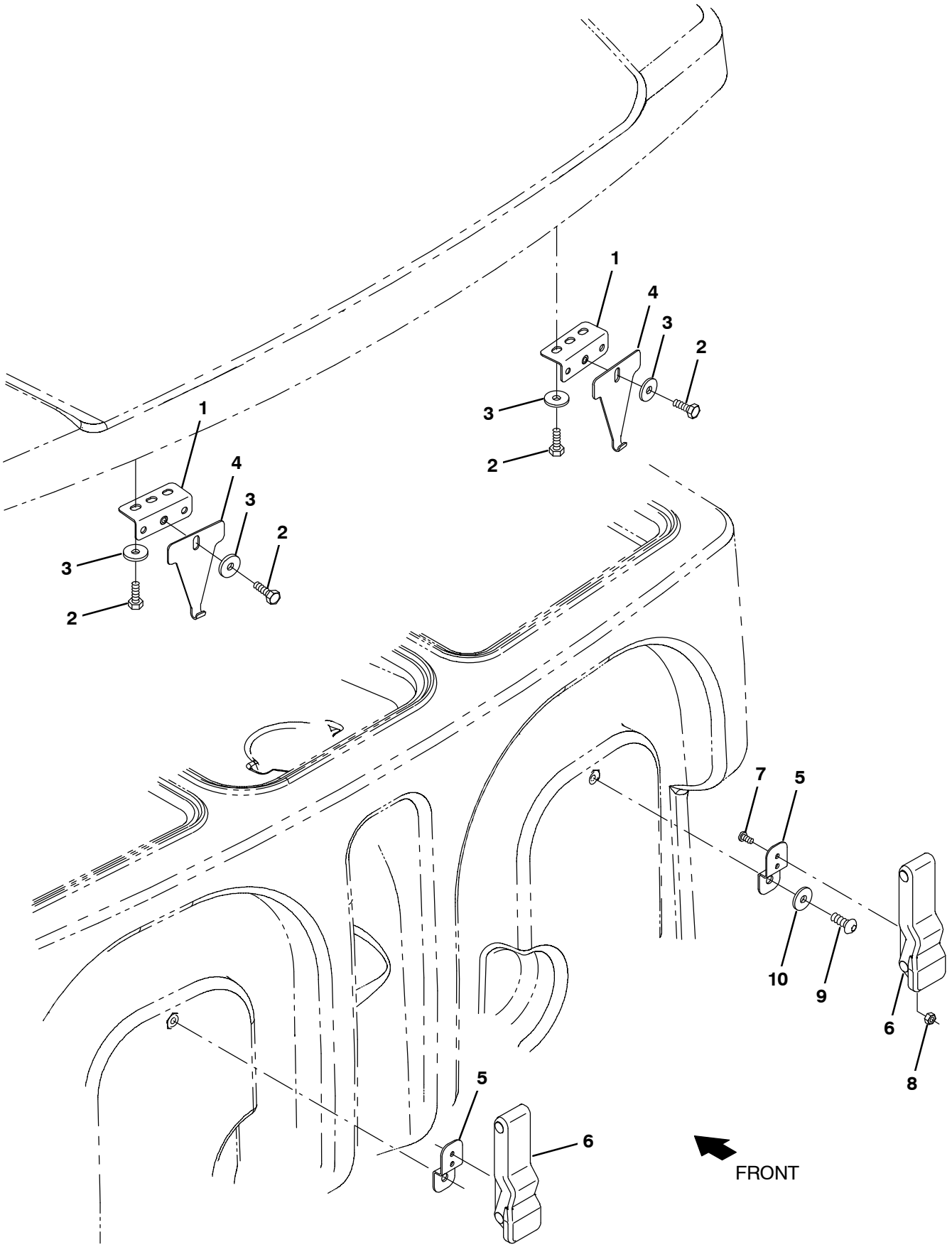


357153 – T20

Fig. 43 – Spray Nozzle Group with Power Wand (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1076870	(013001–)	Valve, Water, Solenoid [12vdc, Bm08/Bm08	1
2	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	12
3	64743	(013001–)	Fitting, Plstc, Str, Bm08/Pm06	2
4	1257563	(013001–)	Screw, Pan, Torx, 06–19 X 0.38, F/ Plstc	4
5	1010668	(013001–)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	1
6	1011412	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
7	09010	(013001–)	Screw, Hex, M8 X 1.25 X 25, Ss	2
8	1019250	(013001–)	Hose, Water, Coil	1
9	769785	(013001–)	Nozzle, Spray, Gun	1
10	1027976	(013001–)	Fitting, Brs, Str, Pf06/Pm12	1
11	1027237	(013001–)	Bracket, Mtg, Spray Handle	1
12	1077124	(013001–)	Bracket, Manifold, Stratus	1
13	64778	(013001–)	Fitting, Plstc, E90, Bm08/Pm06	1
14	01685	(013001–)	Washer, Flat, 0.38b 0.88d .08, Ss	2
15	1029790	(013001–)	Bracket, Mtg, Spray Wand [FaST, Conv]	1
16	393135	(013001–)	Screw, Btn, M8 X 1.25 X 20, Blk	2
17	32491	(013001–)	Washer, Flat, 0.31, Std	2
18	1027978	(013001–)	Fitting, Brs, Str, Pf06/Pf06 Bh	1
19	64778	(013001–)	Fitting, Plstc, E90, Bm08/Pm06	1
20	1029055	(013001–)	Wand, Clean–Out	1
21	1029057	(013001–)	Clip, Grip, Finger, .875–1.25	2
22	20394	(013001–)	Screw, Hex, #10–16 X 0.62, Fmg [Ab]	2
23	01683	(013001–)	Washer, Flat, #10, Ss	4
24	375321	(013001–)	Fitting, Brs, Str, Pm08/Garden Hose	1
25	01316	(013001–)	Washer, Flat, 0.66b 1.00d .12, Rbr	1
26	1029153	(013001–)	Nipple, Hose	1
27	1029155	(013001–)	Coupling, Nozzle, Spray	1
28	1029156	(013001–)	Nozzle	1
29	1029399	(013001–)	Valve, Shutoff	1
30	630146	(013001–)	Fitting, Plug, Pm06, Hdpe	2
31	1254833	(013001–)	Manifold, Soln	1
32	1254856	(013001–)	Plate, Manifold, Mtg	1
33	32490	(013001–)	Washer, Flat, 0.25, Std	6
34	1257800	(013001–)	Screw, Hex, M6 X 1.00 X 60, Ss, Fl	4
35	08712	(013001–)	Nut, Hex, Lock, M6 X 1.00, Nl, Ss	4

Fig. 44 – Transport Kit

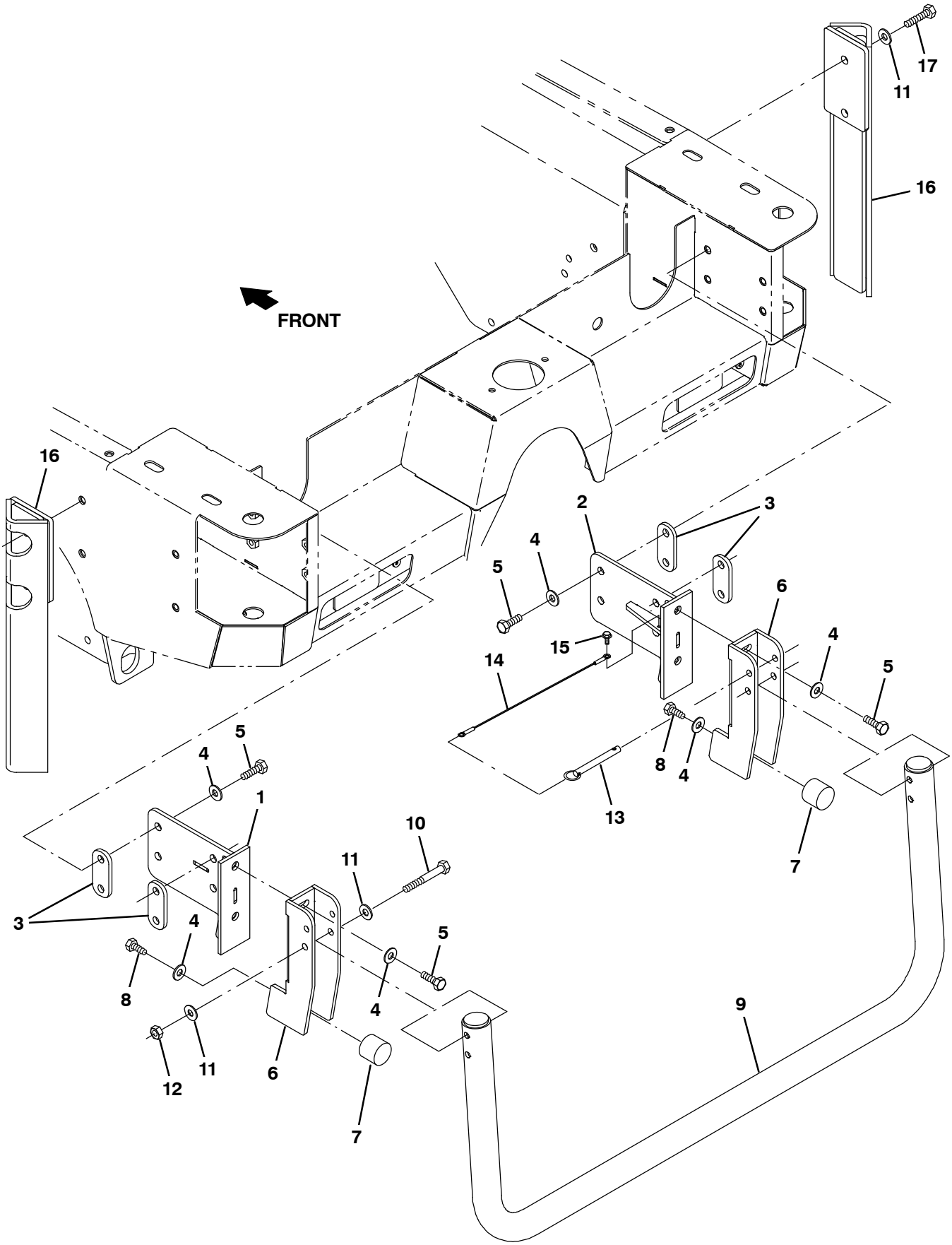


354535 – T20

Fig. 44 – Transport Kit

	Ref.	Part No.	Serial Number		Description	Qty.
▽		9003143	(008000–	)	Transport Kit, Ci [T20]	1
▲	1	1040800	(008000–	)	Bracket, Latch, Cover	2
▲	2	09744	(008000–	)	Screw, Hex, M6 X 1.0 X 12, Ss	6
▲	3	01684	(008000–	)	Washer, Flat, 0.25, Ss	6
▲	4	1040633	(008000–	)	Plate, Hook, Latch	2
▲	5	1020526	(008000–	)	Bracket, Retaining, Hose	2
▲	6	1222019	(008000–	)	Latch, Yellow	2
▲	7	09200	(008000–	)	Screw, Pan, M5 X 0.8 X 12, Ss	4
▲	8	09739	(008000–	)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	4
▲	9	393135	(008000–	)	Screw, Btn, M8 X 1.25 X 20, Blk	2
▲	10	32491	(008000–	)	Washer, Flat, 0.31, Std	2

Fig. 45 – Squeegee Guard Kit

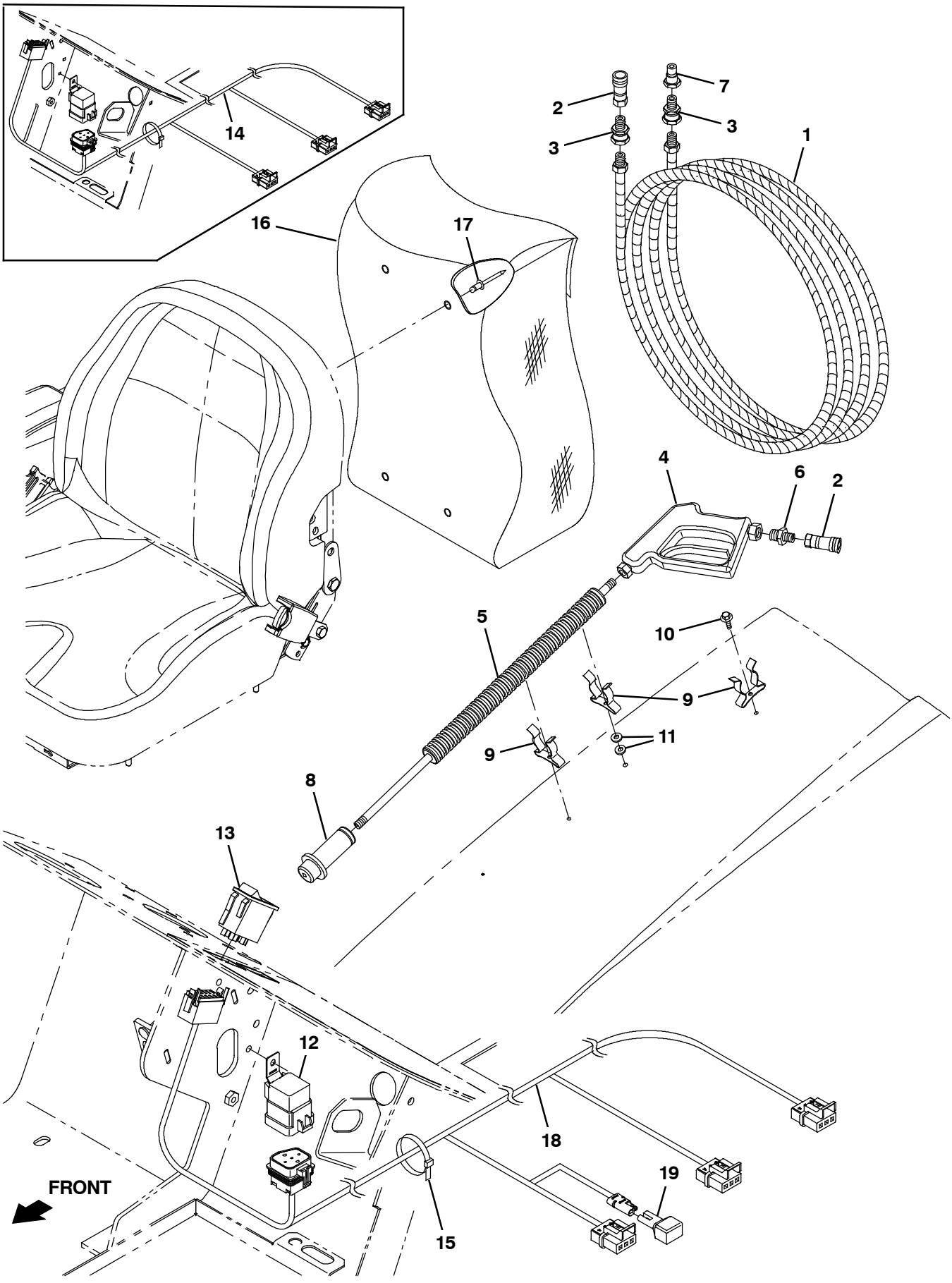


354536 – T20, NA

Fig. 45 – Squeegee Guard Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9003135	(008000–)	Guard Kit, Sqge, Ci [T20]	1
▲	1	1030557	(008000–)	Support Wldt, Sqge, Lh Rear	1
▲	2	1030503	(008000–)	Support Wldt, Sqge, Rh Rear	1
▲	3	1030522	(008000–)	Link, .25 1.4w 3.2l 2/.5h	4
▲	4	01686	(008000–)	Washer, Flat, 0.44b 1.00d .08, Ss	14
▲	5	12317	(008000–)	Screw, Hex, M10 X 1.5 X 30, Ss	12
▲	6	1030515	(008000–)	Channel Wldt, Guard, Sqge	1
▲	7	1024977	(008000–)	Bumper, Ure, 1.50d 1.25l	2
▲	8	21196	(008000–)	Screw, Hex, .38–16 X 0.88, G5	2
▲	9	1054338	(008000–)	Guard Wldt, Sqge	1
▲	10	06965	(008000–)	Screw, Hex, M10 X 1.5 X 80, 8.8	2
▲	11	32492	(008000–)	Washer, Flat, 0.38, Std	8
▲	12	41430	(008000–)	Nut, Hex, Lock, M10 X 1.5, Nl	2
▲	13	369359	(008000–)	Pin, Hitch, .375d X 3.12l, Pl	1
▲	14	57702	(008000–)	Cable, Glv .06d 012.0l .26eye /.26eye	1
▲	15	223198	(008000–)	Screw, Hex, M5 X 0.8 X 10, Fmg	1
▲	16	1045444	(008000–)	Guard Wldt, Sqge [M20/T20/M30]	2
▲	17	06962	(008000–)	Screw, Hex, M10 X 1.5 X 45, 8.8	4

Fig. 46 - Pressure Washer Mount Group

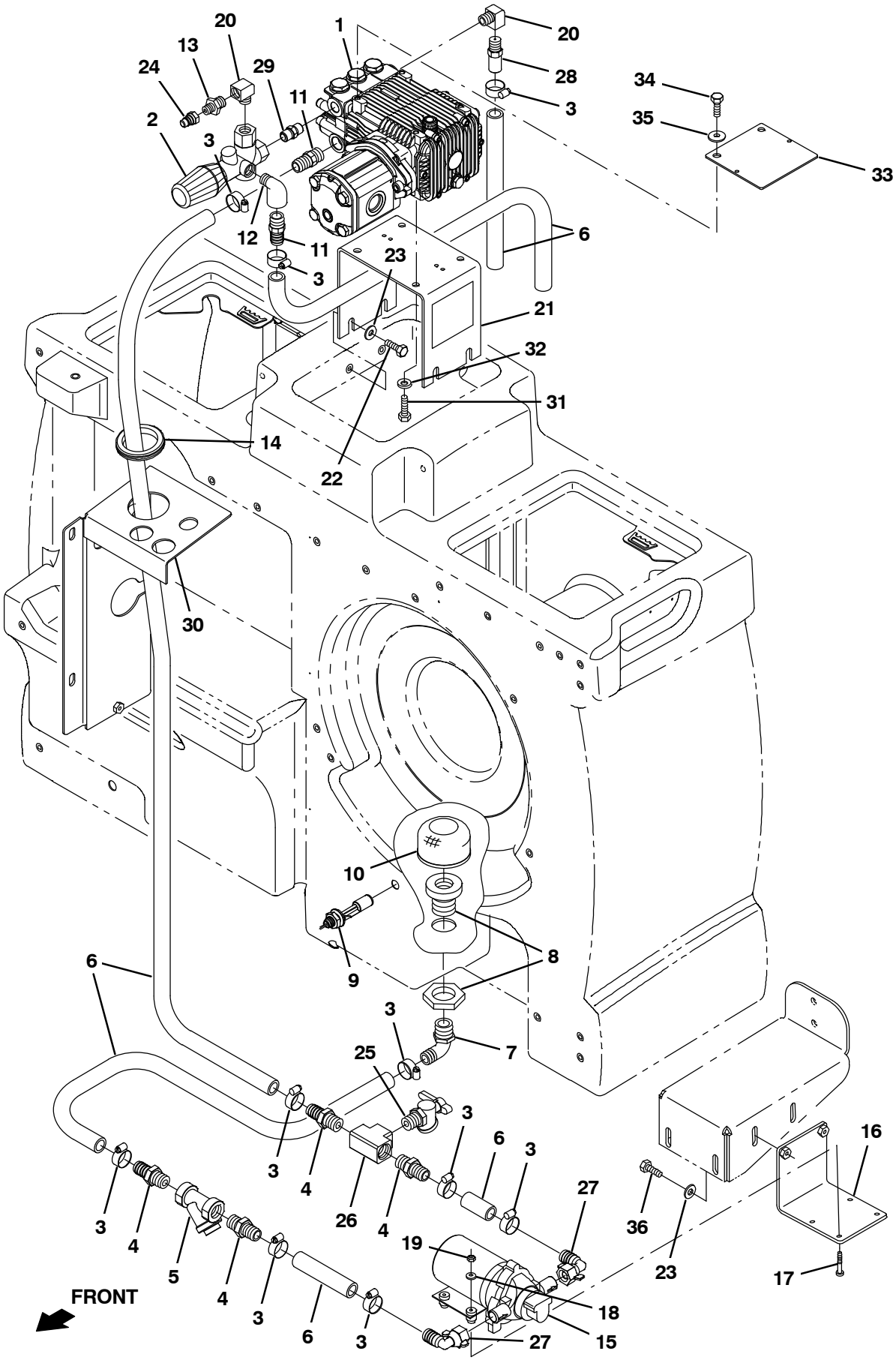


354672

Fig. 46 - Pressure Washer Mount Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1039056	(008000-)	Hose, Rbr, 25ft	1
2	1042051	(008000-)	Fitting, Ss, Qdc, Fem	2
3	1259146	(008000-)	Fitting, Swivel, Str, Pf06/Pm04, Stl	2
4	1039042	(008000-)	Handle, Gun, Trigger	1
5	1039044	(008000-)	Wand, Str, Ss, 28l	1
6	1044428	(008000-)	Fitting, Brs, Str, Pm04/Pm06 [Hp]	1
7	1042191	(008000-)	Fitting, Ss, Qdc, Mal	1
8	1041935	(008000-)	Nozzle, Spray [Pressure Washer]	1
9	67004	(008000-)	Clip, Grip, Finger, 1.00- 1.88d White,Vyl	3
10	20394	(008000-)	Screw, Hex, 10- 16 X 0.62, Fmg/Ab, Pl	3
11	01683	(008000-)	Washer, Flat, 10, Ss	6
12	56186	(008000-)	Relay, 12vdc, 040a, Spdt No	1
13	1040899	(008000-)	Switch, Rocker, Prgrsv	1
14	1074983	(008000- 013000)	Harness, Ele [Press. Wash]	1
15	49266	(008000-)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	5
16	65580	(008000-)	Bag, Power	1
17	72968	(008000-)	Rivet, Plstc, .250D X 0.90	2
18	1076975	(013001-)	Harness, Ele [Press. Wash]	1
19	222290	(013001-)	Diode, Ele, Plug	1

Fig. 47 – Pressure Washer Solution Group (008000–013000)

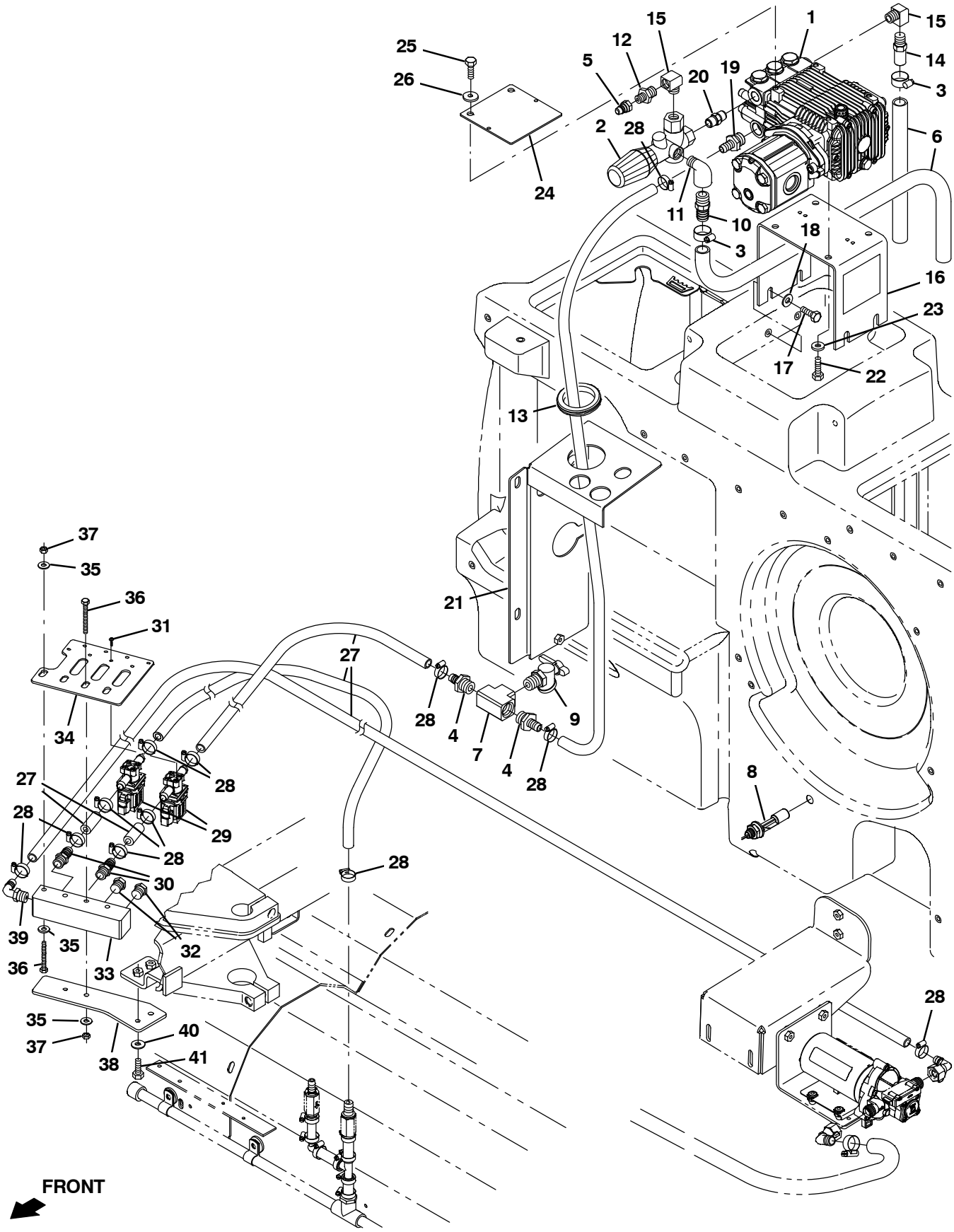


356695 – T20

Fig. 47 – Pressure Washer Solution Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1225829	(008000–013000)	Pump, Hyd, Press Washer	1
2	1039046	(008000–013000)	Valve, Needle	1
3	63810	(008000–013000)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	10
4	377334	(008000–013000)	Fitting, Brs, Str, Bm12/Pm12	4
5	1039037	(008000–013000)	Filter, Y, In–Line, .75	1
6	1045034	(008000–013000)	Hose, Afmkt, Pvc, Wir, 0.75id, 08ft, Clr	1
7	1041351	(008000–013000)	Fitting, Brs, E90, Bm12/Pm12	1
8	377349	(008000–013000)	Fitting, Plstc, Pf12/Pf12, Bh	1
9	385685	(008000–013000)	Sensor, Level, Liq, 14vdc 01a .62–11	1
10	1027290	(008000–013000)	Filter, Soltn, 020mesh, Pm12 3.1d 02.6l	1
11	1042859	(008000–013000)	Fitting, Brs, Str, Bm12/Pm08	2
12	1042579	(008000–013000)	Fitting, Brs, E90, Pf08/Pm06	1
13	1044428	(008000–013000)	Fitting, Brs, Str, Pm04/Pm06 [Hp]	1
14	10632–19	(008000–013000)	Grommet, Rbr, 2.13id, F/2.5h, .12 Matl	1
15	1026743	(008000–013000)	Pump, Diaphragm	1
16	1023585	(008000–013000)	Plate, Mtg, Pump	1
17	06939	(008000–013000)	Screw, Pan, Phl, M5 X 0.80 X 45, 4.8	4
18	19066	(008000–013000)	Washer, Flat, 0.25b 0.56d .05, Pl, 10	4
19	06549	(008000–013000)	Nut, Hex, Lock, M5 X 0.80, Nl	2
20	24584	(008000–013000)	Fitting, Brs, E90, Pf06/Pm06, Spcl	2
21	9016315	(008000–013000)	Bracket, Mtg, Pump, Hp, Replmt	1
22	15675	(008000–013000)	Screw, Hex, M8 X 1.25 X 16, Ss	1
23	32491	(008000–013000)	Washer, Flat, 0.31, Std	3
24	1042191	(008000–013000)	Fitting, Ss, Qdc, Mal	1
25	1224328	(008000–013000)	Valve, Drain, Pm12, Qtr Turn	1
26	1224329	(008000–013000)	Fitting, Tee, Pf12/Pf12/Pf12, Brs	1
27	1231375	(008000–013000)	Fitting, Plstc, E90, Bm12/Pf08	2
28	1227137	(008000–013000)	Valve, Hyd, Press Washer	1
29	1224331	(008000–013000)	Fitting, Brs, Str, Pm06/ Pm06	1
30	1225174	(008000–013000)	Bracket Wldt, Mtg	1
31	16931	(008000–013000)	Screw, Hex, M8 X 1.25 X 20, 8.8	3
32	1017218	(008000–013000)	Washer, Flat, 0.32b 1.00d .12, Ss	3
33	1225146	(008000–013000)	Plate, Mtg, Light, Hp Spray (Flashing or Strobe Light Option Only)	1
34	16931	(008000–013000)	Screw, Hex, M8 X 1.25 X 20, 8.8 (Flashing or Strobe Light Option Only)	2
35	1017218	(008000–013000)	Washer, Flat, 0.32b 1.00d .12, Ss (Flashing or Strobe Light Option Only)	2
36	09740	(008000–013000)	Screw, Hex, M8 X 1.25 X 20, Ss	2

Fig. 48 – Pressure Washer Solution Group (013001–)

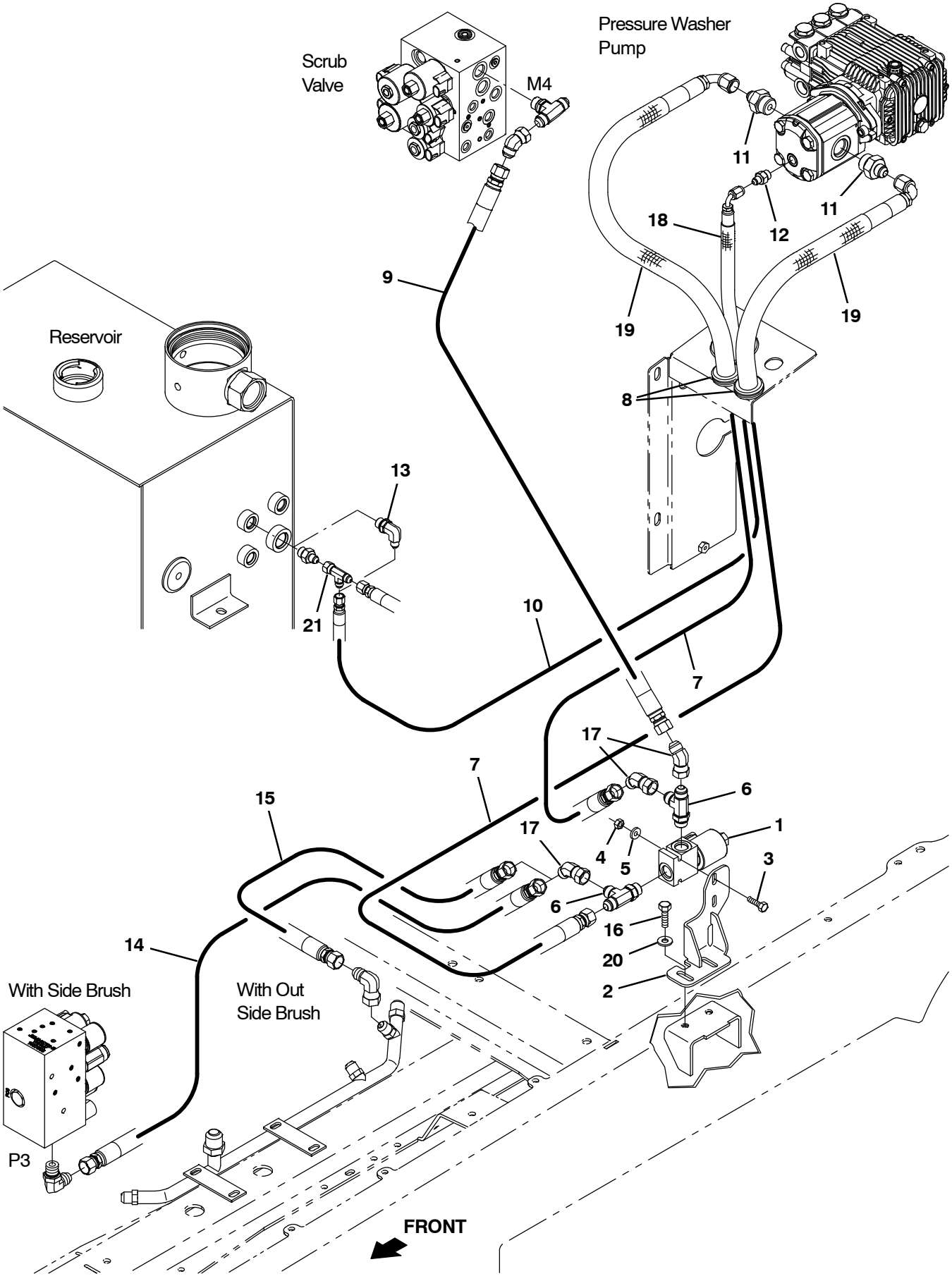


356695 – T20

Fig. 48 – Pressure Washer Solution Group (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1225829	(013001–)	Pump, Hyd, Press Washer	1
2	1039046	(013001–)	Valve, Needle	1
3	63810	(013001–)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	2
4	79273–1	(013001–)	Fitting, Plstc, Str, Bm08/Pm12	2
5	1042191	(013001–)	Fitting, Ss, Qdc, Mal	1
6	1045034	(013001–)	Hose, Afmkt, Pvc, Wir, 0.75id, 08ft, Clr	1
7	1224329	(013001–)	Fitting, Tee, Pf12/Pf12/Pf12, Brs	1
8	385685	(013001–)	Sensor, Level, Liq, 14vdc 01a .62–11	1
9	1224328	(013001–)	Valve, Drain, Pm12, Qtr Turn	1
10	1042859	(013001–)	Fitting, Brs, Str, Bm12/Pm08	1
11	1042579	(013001–)	Fitting, Brs, E90, Pf08/Pm06	1
12	1044428	(013001–)	Fitting, Brs, Str, Pm04/Pm06 [Hp]	1
13	10632–19	(013001–)	Grommet, Rbr, 2.13id, F/2.5h, .12 Matl	1
14	1227137	(013001–)	Valve, Hyd, Press Washer	1
15	24584	(013001–)	Fitting, Brs, E90, Pf06/Pm06, Spcl	2
16	9016315	(013001–)	Bracket, Mtg, Pump, Hp, Replmt	1
17	15675	(013001–)	Screw, Hex, M8 X 1.25 X 16, Ss	1
18	32491	(013001–)	Washer, Flat, 0.31, Std	1
19	79273–4	(013001–)	Fitting, Plstc, Str, Bm08/Pm08	1
20	1224331	(013001–)	Fitting, Brs, Str, Pm06/ Pm06	1
21	1225174	(013001–)	Bracket Wldt, Mtg	1
22	16931	(013001–)	Screw, Hex, M8 X 1.25 X 20, 8.8	3
23	1017218	(013001–)	Washer, Flat, 0.32b 1.00d .12, Ss	3
24	1225146	(013001–)	Plate, Mtg, Light, Hp Spray (Flashing or Strobe Light Option Only)	1
25	16931	(013001–)	Screw, Hex, M8 X 1.25 X 20, 8.8 (Flashing or Strobe Light Option Only)	2
26	1017218	(013001–)	Washer, Flat, 0.32b 1.00d .12, Ss (Flashing or Strobe Light Option Only)	2
27	1011835	(013001–)	Hose, Afmkt, Pvc, Brd, 0.50id, 20.0ft, Clr	1
28	54333	(013001–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	12
29	1076870	(013001–)	Valve, Water, Solenoid [12vdc, Bm08/Bm08]	2
30	64743	(013001–)	Fitting, Plstc, Str, Bm08/Pm06	2
31	1257563	(013001–)	Screw, Pan, Torx, 06–19 X 0.38, F/ Plstc	4
32	630146	(013001–)	Fitting, Plug, Pm06, Hdpe	2
33	1254833	(013001–)	Manifold, Soln	1
34	1254856	(013001–)	Plate, Manifold, Mtg	1
35	32490	(013001–)	Washer, Flat, 0.25, Std	6
36	1257800	(013001–)	Screw, Hex, M6 X 1.00 X 60, Ss, Fl	4
37	08712	(013001–)	Nut, Hex, Lock, M6 X 1.00, Nl, Ss	4
38	1077124	(013001–)	Bracket, Manifold, Stratus	1
39	64778	(013001–)	Fitting, Plstc, E90, Bm08/Pm06	1
40	01685	(013001–)	Washer, Flat, 0.38b 0.88d .08, Ss	2
41	09010	(013001–)	Screw, Hex, M8 X 1.25 X 25, Ss	2

Fig. 49 – Pressure Washer Hydraulic Hoses Group

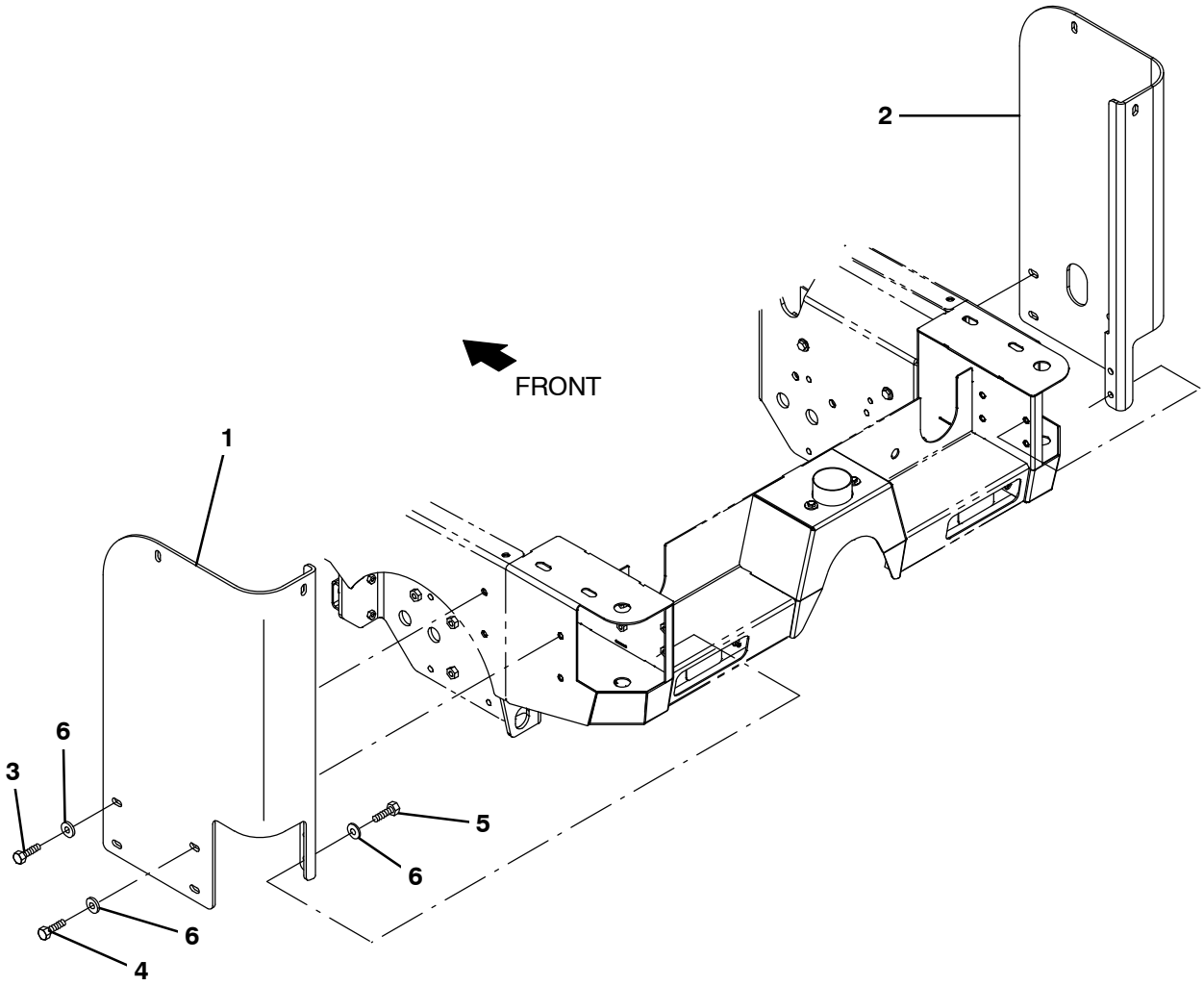


356810 – T20, D

Fig. 49 – Pressure Washer Hydraulic Hoses Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1038571	(008000–)	Valve, Hyd, Press Washer	1
2	1225144	(008000–)	Bracket, Valve, Mtg	1
3	06949	(008000–)	Screw, Hex, M6 X 1.00 X 50, 8.8	2
4	08712	(008000–)	Nut, Hex, Lock, M6 X 1.00, Nl, Ss	2
5	32490	(008000–)	Washer, Flat, 0.25, Std	2
6	40755	(008000–)	Fitting, Hyd, Tee, Jm08/Jm08/Om08, Run	2
7	1226044	(008000–)	Hose, Hyd, Tc08, Jfoee90/Jf08str, 72	2
8	10632–14	(008000–)	Grommet, Rbr, 1.00id, F/1.4h, .12 Matl	2
9	1036965	(008000–)	Hose, Hyd, Tc08, Jf08str/Jf08str, 034.0	1
10	34379	(008000–)	Hose, Hyd, Med04, Jf04e90/Jf04str, 072.0	1
11	42227	(008000–)	Fitting, Hyd, Str, Jm08/Om12	2
12	55685	(008000–)	Fitting, Hyd, Str, Jm04/Om06	1
13	47638	(008000–)	Fitting, Hyd, E90, Jm04/Om06	1
14	1037072	(008000–)	Hose, Hyd, Tc08, Jf08str/Jf08str, 052.0	1
15	361037	(008000–)	Hose, Hyd, Tc08, Jf08str/Jf08str, 027.0	1
16	09010	(008000–)	Screw, Hex, M8 X 1.25 X 25, Ss	2
17	07797	(008000–)	Fitting, Hyd, E45, Jf08/Jm08	3
18	1224326	(008000–)	Sleeve, Nyl, 0.69id 20.0l [Asb11]	1
19	1224327	(008000–)	Sleeve, Nyl, 1.06id 22.0l [Asb15]	2
20	32491	(008000–)	Washer, Flat, 0.31, Std	2
21	57988	(008000–)	Fitting, Hyd, Tee, Jf04/Jm04/Jm04, Run (DISK HEAD ONLY)	1

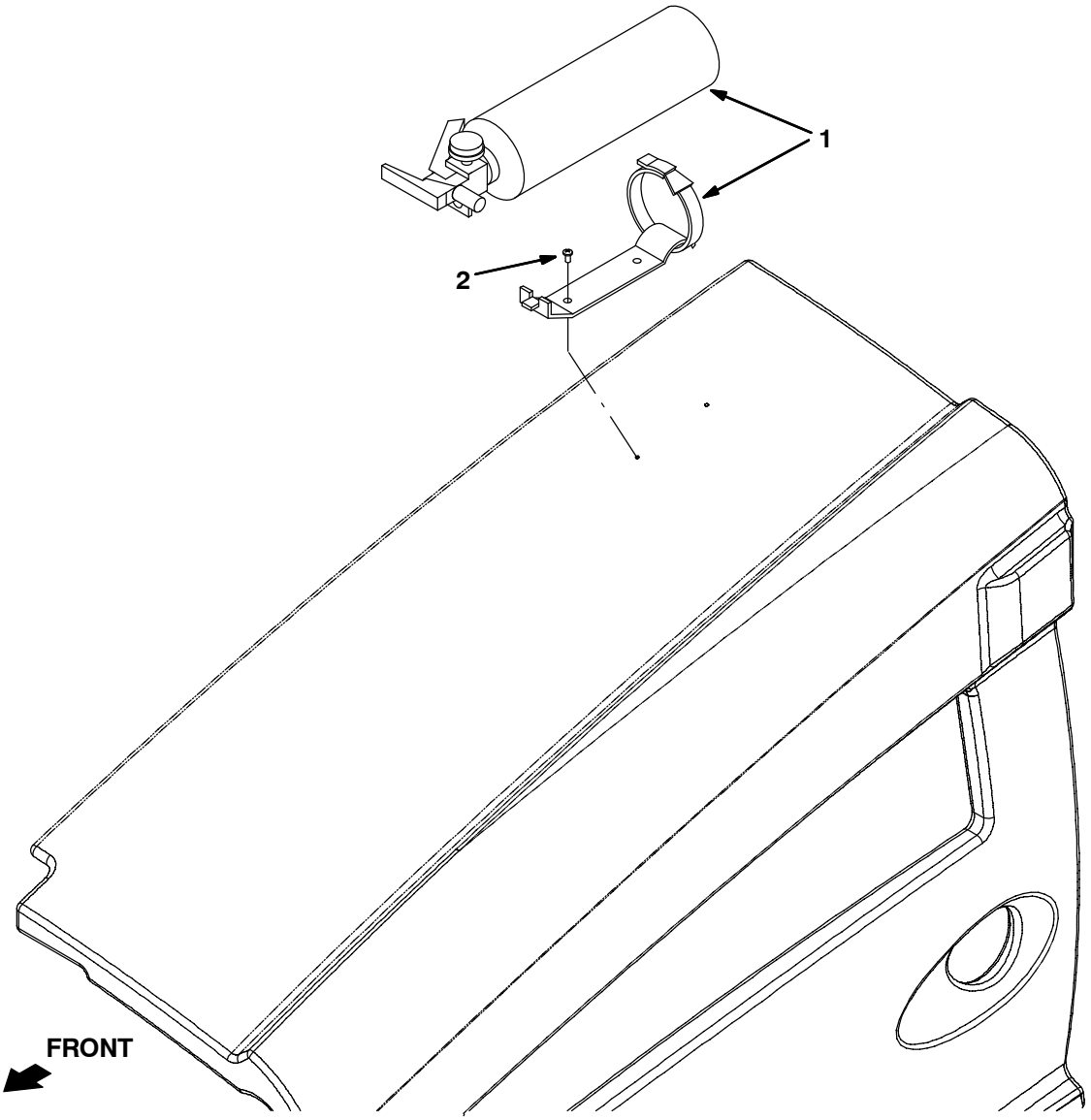
Fig. 50 – Heavy Duty Bumper Kit



354537 – T20

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9003142	(008000–)	Bumper Kit, Hd, Ci [T20]	1
▲	1	1027850	(008000–)	Plate, Bmpr, Lh	1
▲	2	1027588	(008000–)	Plate, Bmpr, Rh	1
▲	3	06962	(008000–)	Screw, Hex, M10 X 1.50 X 45, 8.8	4
▲	4	09028	(008000–)	Screw, Hex, M10 X 1.50 X 25, Ss	4
▲	4	03192	(008000–)	Screw, Hex, M10 X 1.50 X 30, 8.8	4
▲	4	32492	(008000–)	Washer, Flat, 0.38, Std	12

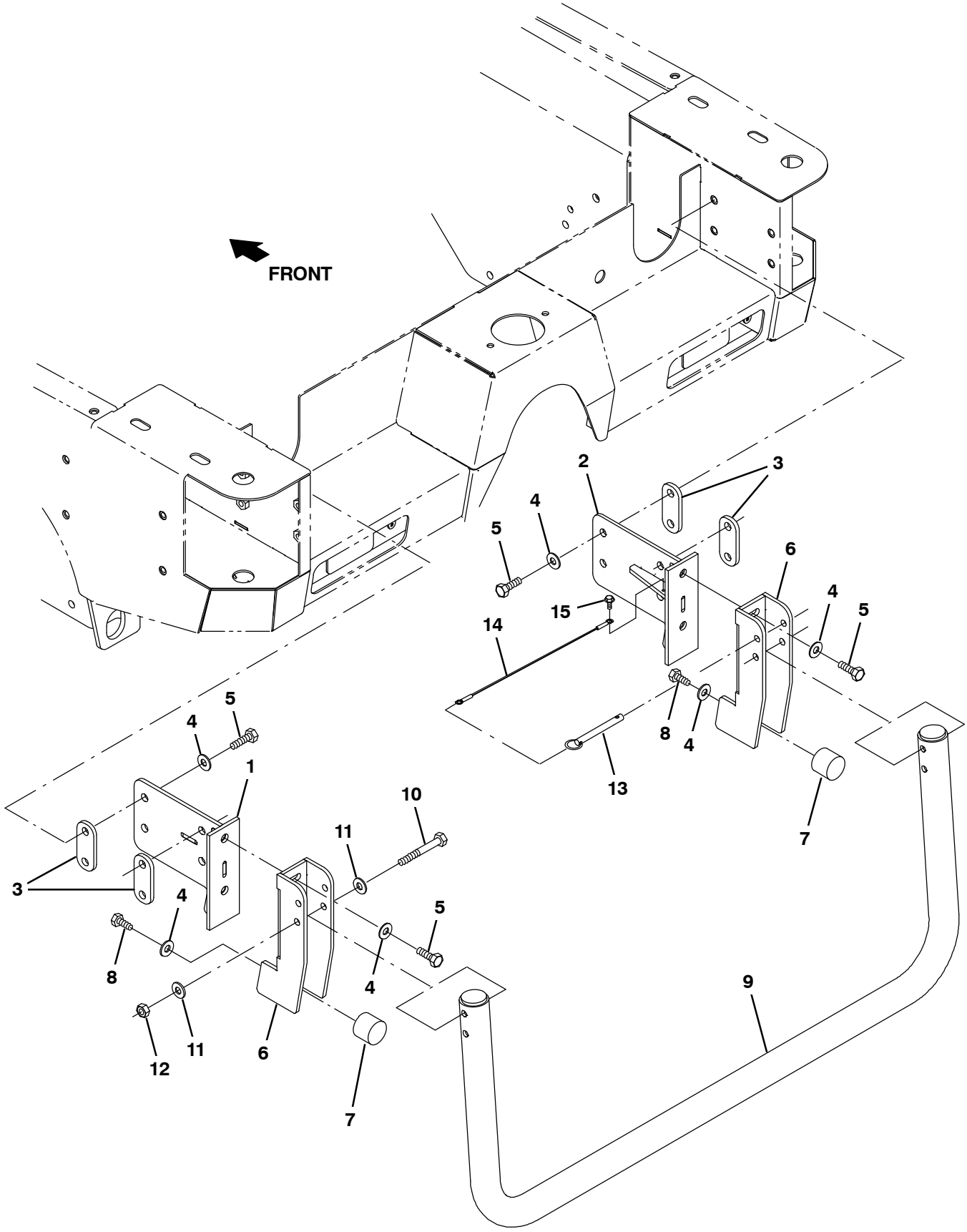
Fig. 51 – Fire Extinguisher Kit



354484

	Ref.	Part No.	Serial Number		Description	Qty.
▽		9001316	(008000–	)	Extinguisher Kit, Fire, Ci [M20 And T20]	1
▲	1	25312	(008000–	)	Extinguisher, Fire, 2.5 Lb Dry	1
▲	2	382320	(008000–	)	Screw, Pan, #12–16 X 0.50, F/ Plstc	2

Fig. 52 – Rear Squeegee Guard Group

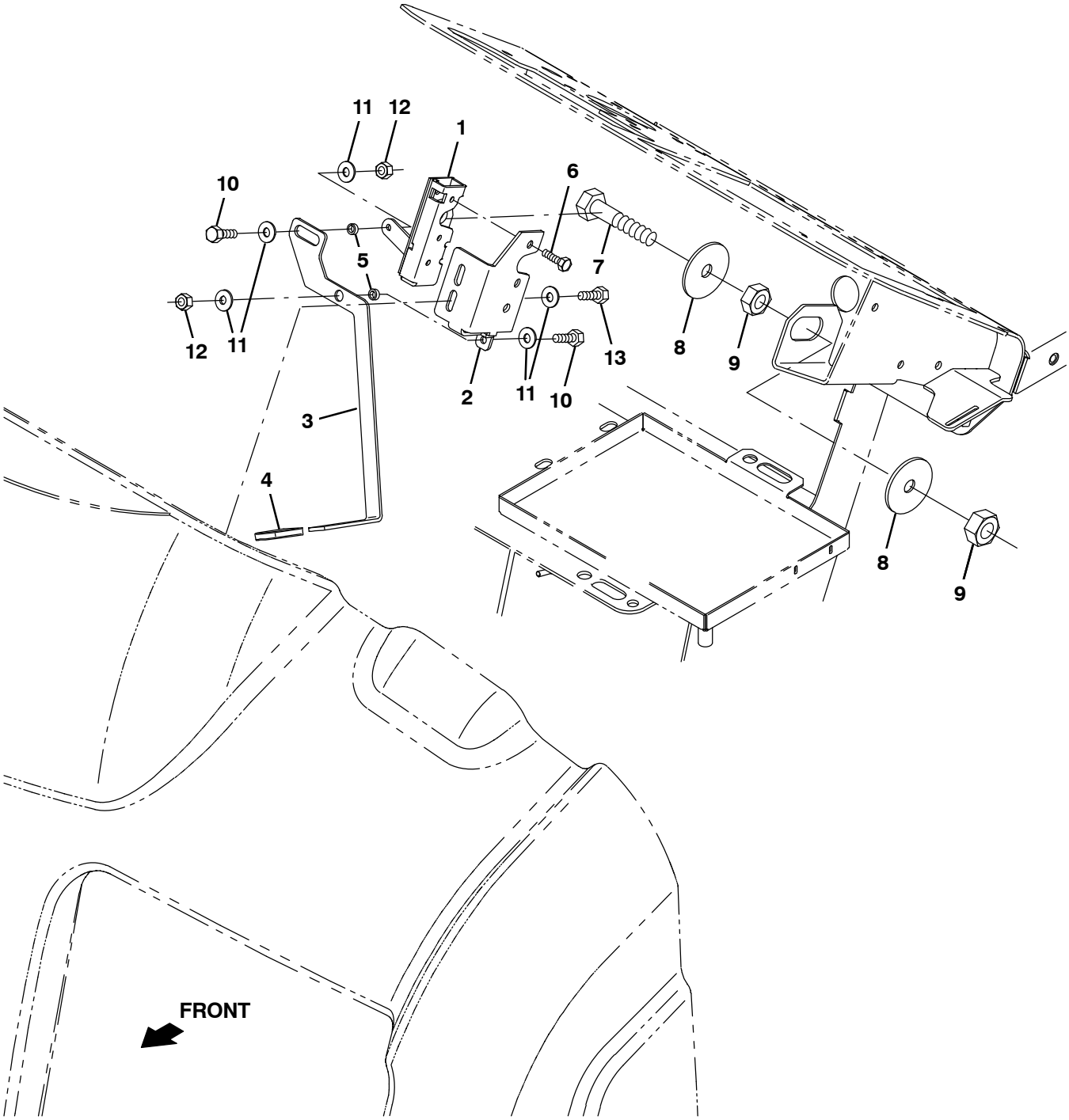


356974 – T20

Fig. 52 – Rear Squeegee Guard Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1030557	(008000–)	Support Wldt, Sqge, Lh Rear	1
2	1030503	(008000–)	Support Wldt, Sqge, Rh Rear	1
3	1030522	(008000–)	Link, .25 1.4w 3.2l 2/.5h	4
4	01686	(008000–)	Washer, Flat, 0.44b 1.00d .08, Ss	14
5	12317	(008000–)	Screw, Hex, M10 X 1.5 X 30, Ss	12
6	1030515	(008000–)	Channel Wldt, Guard, Sqge	1
7	1024977	(008000–)	Bumper, Ure, 1.50d 1.25l	2
8	21196	(008000–)	Screw, Hex, .38–16 X 0.88, G5	2
9	1054338	(008000–)	Guard Wldt, Sqge	1
10	06965	(008000–)	Screw, Hex, M10 X 1.5 X 80, 8.8	2
11	32492	(008000–)	Washer, Flat, 0.38, Std	8
12	41430	(008000–)	Nut, Hex, Lock, M10 X 1.5, Nl	2
13	369359	(008000–)	Pin, Hitch, .375d X 3.12l, Pl	1
14	57702	(008000–)	Cable, Glv .06d 012.0l .26eye /.26eye	1
15	223198	(008000–)	Screw, Hex, M5 X 0.8 X 10, Fmg	1
16	1045444	(008000–)	Guard Wldt, Sqge [M20/T20/M30]	2
17	06962	(008000–)	Screw, Hex, M10 X 1.5 X 45, 8.8	4

Fig. 53 – Front Cover Latch Group

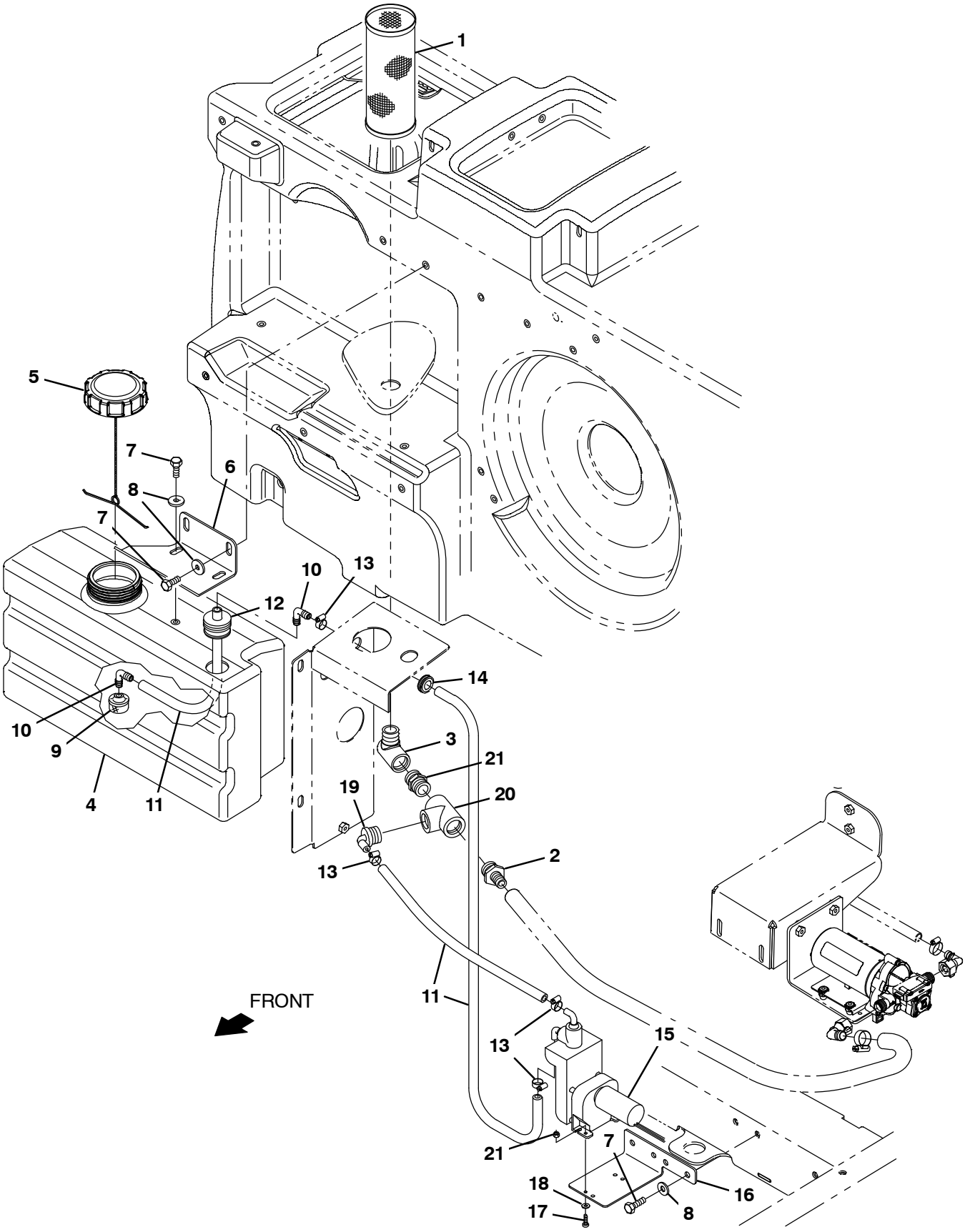


356971 – M20, T20

Fig. 53 – Front Cover Latch Group

Ref.	Part No.	Serial Number	Description	Qty.
1	59661	(008000–)	Latch	1
2	1076703	(008000–)	Bracket, Mtg, Latch	1
3	1076704	(008000–)	Lever, Latch	1
4	222190	(008000–)	Grip, Handle	1
5	80491	(008000–)	Sleeve, P/M, 0.25b 0.38d 0.2l [430ss]	2
6	25046	(008000–)	Screw, Hex, .25–20 X 1.00, G5	3
7	32895	(008000–)	Screw, Hex, .50–13 X 3.50, G5	1
8	04414	(008000–)	Washer, Flat, 0.53b 1.88d .12, Stl, Pl	2
9	32523	(008000–)	Nut, Hex, Jam, .50–13	2
10	06943	(008000–)	Screw, Hex, M6 X 1.00 X 20, 8.8	2
11	32490	(008000–)	Washer, Flat, 0.25, Std	8
12	08708	(008000–)	Nut, Hex, Lock, M6 X 1.00, Nl	2
13	06942	(008000–)	Screw, Hex, M6 X 1.00 X 16, 8.8	2

Fig. 54 – Detergent Metering Group (013001–)

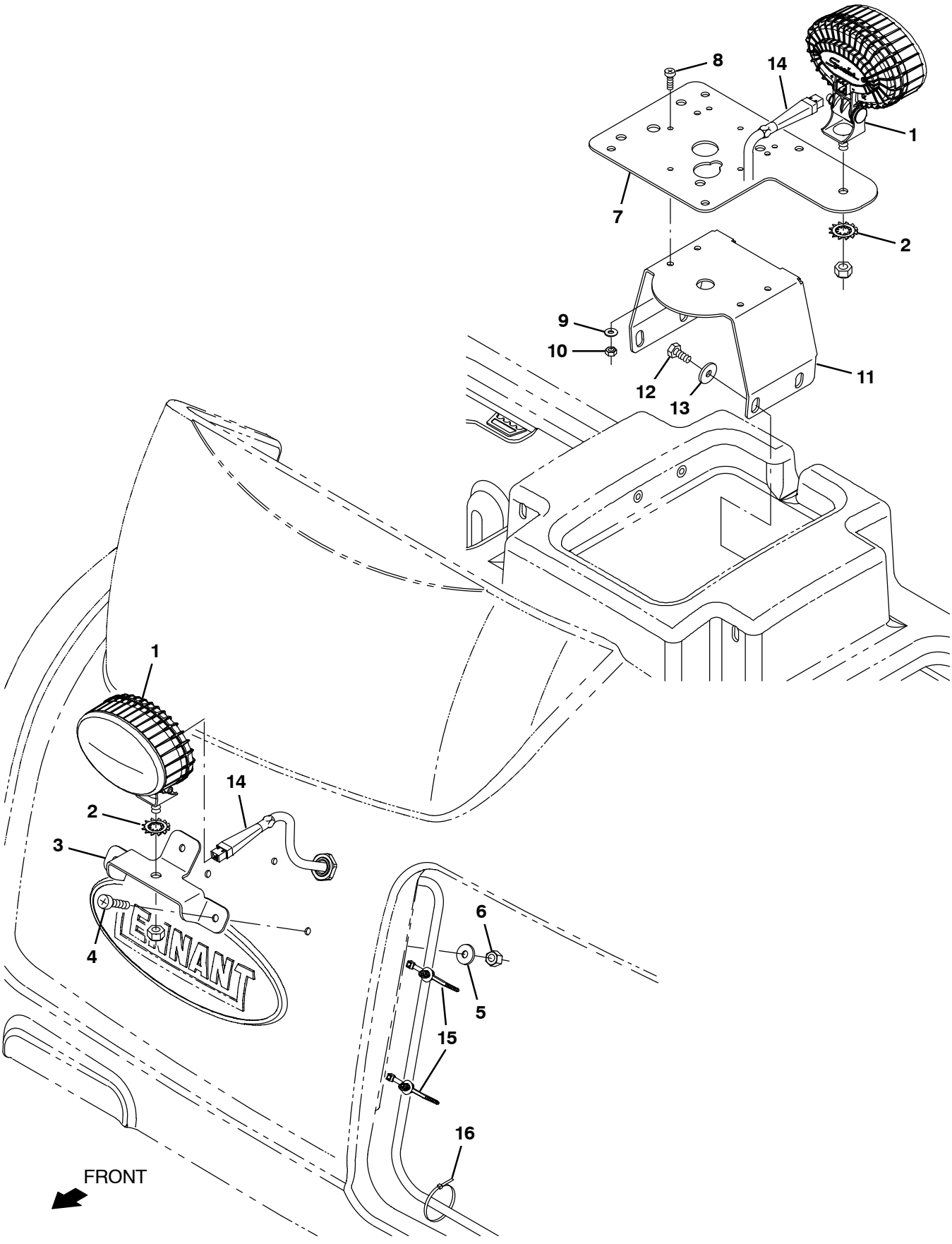


357128 – T20

Fig. 54 – Detergent Metering Group (013001–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1057465	(013001–)	Filter, Soltn, 080mesh, Pm12 3.2d 08.0l	1
2	365095	(013001–)	Fitting, Plstc, Str, Bm10/Pm12	1
3	69785	(013001–)	Fitting, Plstc, E90, Pf12/Pm12	1
4	1022229	(013001–)	Tank, Detgt, Trimmed	1
5	1011885	(013001–)	Cap, Tank	1
6	1025159	(013001–)	Bracket, Mtg, Detgt And Spray Wand	6
7	09740	(013001–)	Screw, Hex, M8 X 1.25 X 20, Ss	6
8	1017218	(013001–)	Washer, Flat, 0.32b 1.00d .12, Ss	1
9	20952	(013001–)	Screen, Pump	1
10	20951	(013001–)	Fitting, Plstc, E90, Bm06/Bm06	2
11	1014930	(013001–)	Hose, Afmkt, Pvc, Clr, 0.38id, 08ft	1
12	20944	(013001–)	Grommet, Pye, 0.37id, F/1.5h, .13 Matl	1
13	43844	(013001–)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	1
14	10632–2	(013001–)	Grommet, Rbr, 0.62id, F/0.9h, .12 Matl	1
15	73260	(013001–)	Pump, Detgt, 14vdc, 150ml/Min 20psi	1
16	1021325	(013001–)	Bracket, Mtg, Valve	1
17	24265	(013001–)	Screw, Pan, Phl, M4 X 0.70 X 16, Ss	2
18	01683	(013001–)	Washer, Flat, 10, Ss	2
19	79484	(013001–)	Fitting, Plstc, E90, Bm06/Pm12, Nyl	1
20	42133A	(013001–)	Fitting, Plstc, Tee, Pf12/Pf12/Pf12	1
21	24544	(013001–)	Fitting, Plstc, Str, Pm12/Pm12 1.60l	1
22	33932	(013001–)	Nut, Hex, Lock, M4 X 0.7, Nl, Ss	2

Fig. 55 – Spotlight Kit, Blue

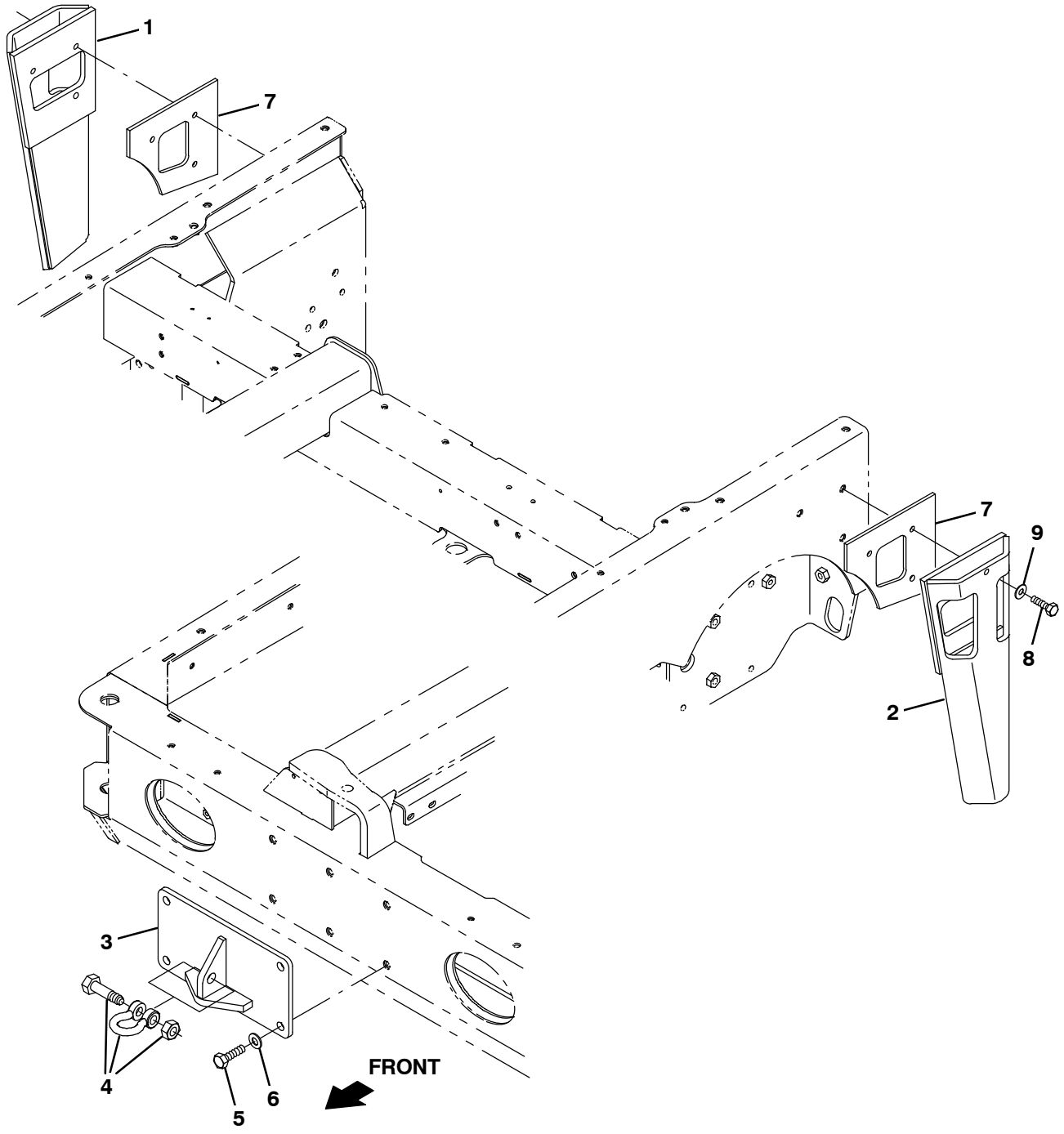


357150

Fig. 55 – Spotlight Kit, Blue

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9021235	(008000–)	Spotlight Kit, Blue, Ci [T20/M20]	1
▲	1	1240687	(008000–)	Light, Spot, Blue, Led	2
▲	2	41143	(008000–)	Washer, Lock, Int–Ext, 0.50	2
▲	3	1076808	(008000–)	Brkt, Blu Spotlight, Fr, Cover Mtg	1
▲	4	1031665	(008000–)	Screw, Pan, M8 X 1.25 X 25, Blk	3
▲	5	39890	(008000–)	Washer, Flat, M8, Fendr	3
▲	6	08713	(008000–)	Nut, Hex, Lock, M8 X 1.25, Nl, Ss	3
▲	7	1076789	(008000–)	Brkt, Blu Spotlight, Rr, Frame Mtg	1
▲	8	24196	(008000–)	Screw, Pan, Phl, M5 X 0.80 X 20, Ss	4
▲	9	19066	(008000–)	Washer, Flat, 0.25b 0.56d .05, Pl, 10	4
▲	10	09739	(008000–)	Nut, Hex, Lock, M5 X 0.80, Nl, Ss	4
▲	11	1019445	(008000–)	Bracket, Sppt, Revl Light	1
▲	12	09740	(008000–)	Screw, Hex, M8 X 1.25 X 20, Ss	4
▲	13	1017218	(008000–)	Washer, Flat, 0.32b 1.00d .12, Ss	4
▲▽	14	1076999	(008000–)	Harness, Blu Spotlight [T20/M20/M30]	1
▲▲		1016029	(008000–)	Fuse, Blade, 005a, 32vdc [Atof]	1
▲	15	1210807	(008000–)	Wire, Tie [W/.25” Fir Tree Clip]	3
▲	16	763114	(008000–)	Tie, Cable, 11.3l, 2.75d Max	10

Fig. 56 – Frame Tie Down and Tow Group



356970 – M20, T20

Ref.	Part No.	Serial Number	Description	Qty.
1	1076696	(008000–)	Guard Wldt, Sqge, Tie–Down, Side, Rh	1
2	1076698	(008000–)	Guard Wldt, Sqge, Tie–Down, Side, Lh	1
3	1076740	(008000–)	Tow Wldt, Bumper, Front	1
4	1076741	(008000–)	Anchor [Shackle], .50 Bolt	1
5	06968	(008000–)	Screw, Hex, M12 X 1.75 X 35, 8.8	4
6	32486	(008000–)	Washer, Flat, 0.53b 1.06d .10, Stl, Pl	4
7	1076699	(008000–)	Plate, Shim, Guard, Sqge, Tie–Down	1
8	77347	(008000–)	Screw, Hex, M10 X 1.50 X 35, Ss	6
9	32492	(008000–)	Washer, Flat, 0.38, Std	6

Fig. 57 – Documentation Group (Online Only)

T20, D, NA

Ref.	Part No.	Serial Number	Description	Qty.
	9016250	(008000–)	Manual, Oprtr, [T20 Dsl, En Na Sn 8000–]	1
	1037749	(008000–)	Instr, Maint, Wall Chart [T20]	1
	9016252	(008000–)	Manual, Oprtr, [T20 Dsl, Es Na Sn 8000–]	1
	9016253	(008000–)	Manual, Oprtr, [T20 Dsl, Fr Na Sn 8000–]	1
	9016254	(008000–)	Manual, Oprtr, [T20 Dsl, Jp, Sn 8000–]	1
	9016255	(008000–)	Manual, Oprtr, [T20 Dsl, Cn, Sn 8000–]	1
	9016286	(008000–)	Manual, Oprtr, [T20 Dsl, Ptb, Sn 8000–]	1
	9016251	(008000–)	Manual, Parts, [T20 Dsl, En Na Sn 8000–]	1
	9016205	(008000–)	Manual, Service, [T20 G/Lp/D, Sn 8000–]	1
	84660	(008000–)	Manual, Engine [Kubota, V1505e]	1
	9006257	(008000–)	Media, Cd–Rom, Training [Ec–H2o Tennant]	1

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www.tennantco.com/manual

SECTION 4

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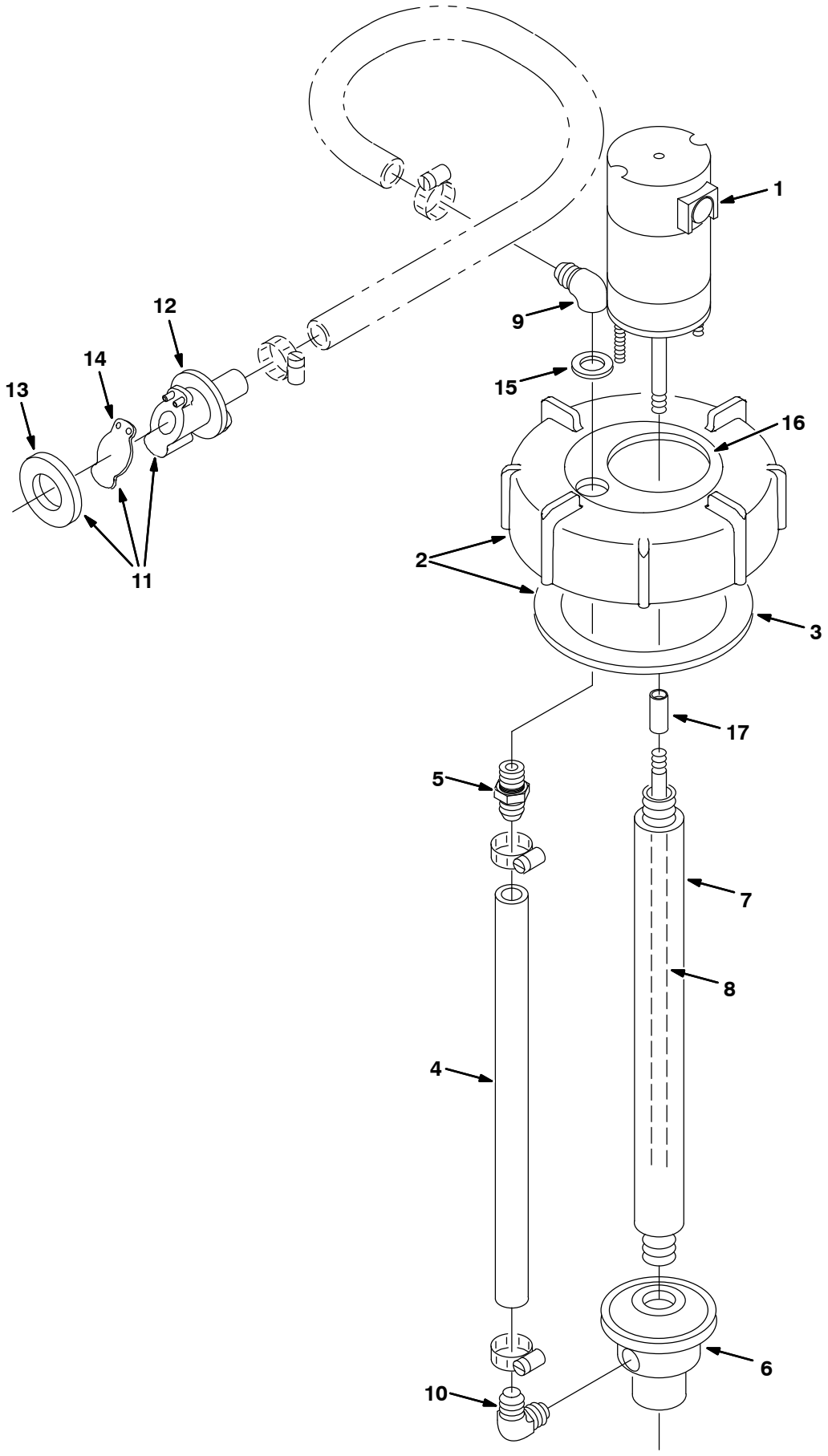
Fig. 1 – Extended Scrub Pump Breakdown, 1021210

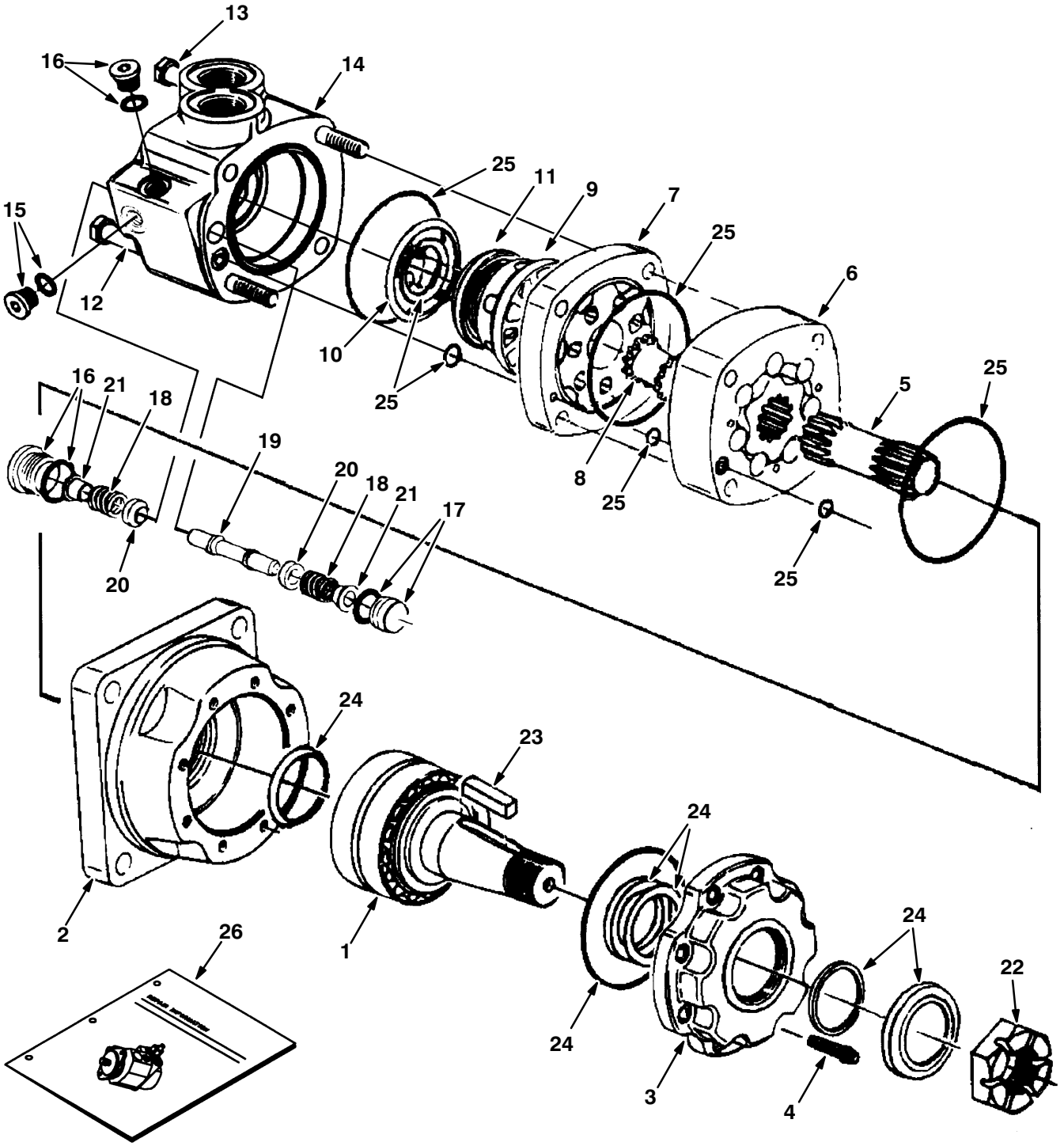


354377 – ALL

Fig. 1 – Extended Scrub Pump Breakdown, 1021210

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1021210	(000000–)	Pump Assy, Column, Es	1
▲▽	1	9002708	(000000–)	Motor, Ele, 12vdc, Pump, Water	1
▲▲		78829	(000000–)	Kit, Brush, Motor, Ele	1
▲▽	2	24358	(000000–)	Cap Assy, Tank, Drain	1
▲▲	3	1031699	(000000–)	Gasket, 4.05id 5.29od .19 [Buna]	1
▲	4	78833	(000000–)	Tube, Vinyl, Pump, Water	1
▲	5	78398	(000000–)	Fitting, Plstc, Str, Bm12/Pm08, Nyl	1
▲	6	78843	(000000–)	Housing Kit, Pump, Water	1
▲	7	78836	(000000–)	Column, Pump, Water	1
▲	8	9002709	(000000–)	Shaft, Pump, Water	1
▲	9	78838	(000000–)	Fitting, E, Gr	1
▲	10	78839	(000000–)	Fitting, Plstc, E90, Pf Bm [Es Pump]	1
▲▽	11	78842	(000000–)	Kit, Valve, Check, Pump, Water	1
▲▲	12	78840	(000000–)	Valve, Check, Pump, Water	1
▲▲	13	73342	(000000–)	Gasket, .25 1.88d 1.0id [Poron]	1
▲▲	14	78841	(000000–)	Flapper, Valve, Pump, Water	1
▲	15	78830	(000000–)	Washer, Rbr	1
▲	16	22790	(000000–)	Insert, Cap, Mount, Es Pump	1
▲	17	23285	(000000–)	Sleeve, Pump, Water	1

Fig. 2 – Hydraulic Motor Breakdown, 379609

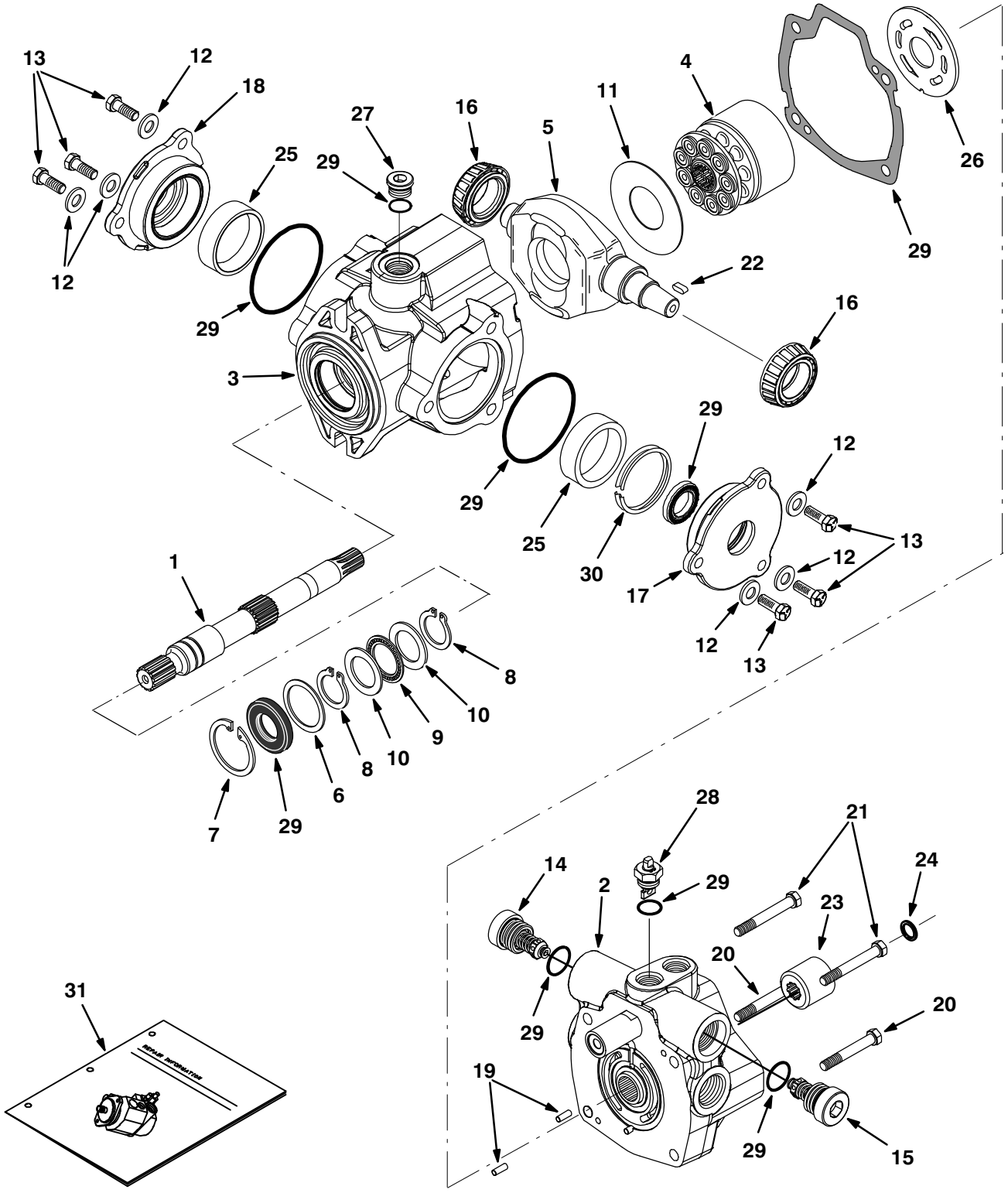


350628–09670

Fig. 2 – Hydraulic Motor Breakdown, 379609

	Ref.	Part No.	Serial Number	Description	Qty.
▽		379609	(000000–)	Motor, Hyd, Gear, [Int], 19.0 X 3000	1
▲	1	74165	(000000–)	Shaft, Motor, Hyd	1
▲	2	74166	(000000–)	Housing, Brg, Motor, Hyd	1
▲	3	74167	(000000–)	Retainer, Motor, Hyd	1
▲	4	74168	(000000–)	Screw, Cap, Motor, Hyd	8
▲	5	37616	(000000–)	Drive, Motor, Hyd	1
▲	6	37756	(000000–)	Geroler, Motor, Hyd	1
▲	7	74122	(000000–)	Plate, Valve, Motor, Hyd	1
▲	8	52405	(000000–)	Valve, Motor, Hyd	1
▲	9	74123	(000000–)	Valve, Motor, Hyd	1
▲	10	34178	(000000–)	Spring, Motor, Hyd	2
▲	11	38968	(000000–)	Ring, Motor, Hyd	1
▲	12	74125	(000000–)	Bolt, Motor, Hyd	3
▲	13	38255	(000000–)	Bolt, Motor, Hyd	1
▲	14	373297	(000000–)	Housing, Valve	1
▲	15	373298	(000000–)	Plug	1
▲	16	373260	(000000–)	Plug, Pump, Hyd, Gear	2
▲	17	373299	(000000–)	Plug	1
▲	18	373291	(000000–)	Spring	2
▲	19	373217	(000000–)	Piston, Pump, Hyd, Gear	1
▲	20	373226	(000000–)	Poppet, Pump, Hyd, Gear	2
▲	21	373236	(000000–)	Sleeve, Dashpo, Pump, Hyd, Gear	2
▲	22	45622	(000000–)	Nut, Motor, Hyd	1
▲	23	45623	(000000–)	Key, Motor, Hyd	1
▲	24	79828	(000000–)	Seal Kit, Shaft	1
▲	25	33580	(000000–)	Seal Kit, Rear	1
	26	79729	(000000–)	Instr, Repair, Motor, Hyd, Gear	1

Fig. 3 – Hydraulic Pump Breakdown, 1024251

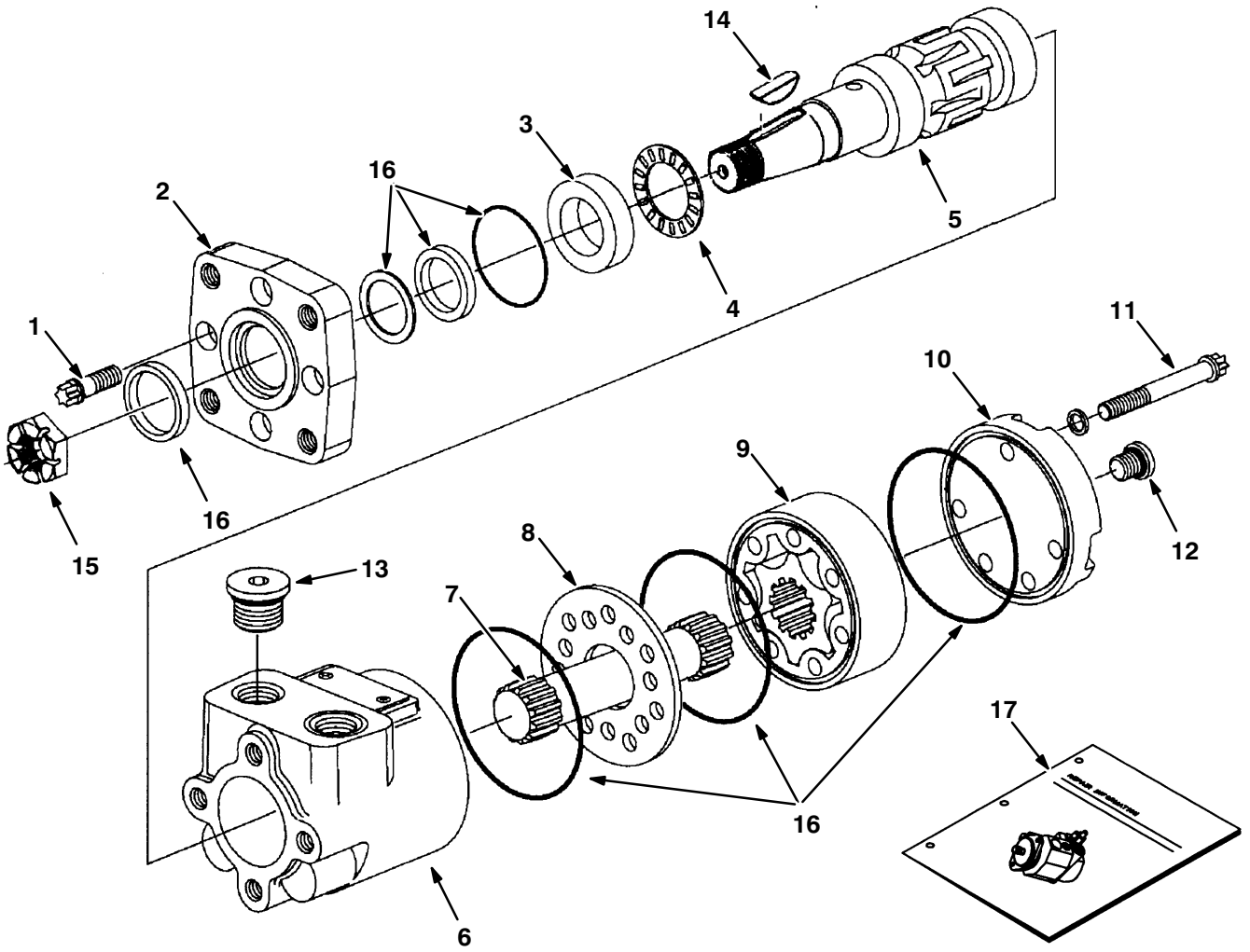


ALL

Fig. 3 – Hydraulic Pump Breakdown, 1024251

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1024251	(000000–)	Pump, Hyd, Piston, Var, 1.24 4000, Cw	1
▲	1	373681	(000000–)	Shaft, Pump	1
▲	2	373427	(000000–)	Cover, End	1
▲	3	373389	(000000–)	Housing	1
▲	4	02706	(000000–)	Pump Kit, Hyd, Rotating [Cessna]	1
▲	5	373493	(000000–)	Plate, Cam	1
▲	6	70096	(000000–)	Washer, Flat, Pump, Hyd	1
▲	7	55926	(000000–)	Ring, Retaining, Pump, Hyd	1
▲	8	373434	(000000–)	Ring, Retaining	2
▲	9	74225	(000000–)	Bearing, Thrust, Pump, Hyd	1
▲	10	74226	(000000–)	Race, Brg, Pump, Hyd	2
▲	11	373327	(000000–)	Insert, Plt, Cam, Pump, Hyd	1
▲	12	373391	(000000–)	Washer, Pump, Hyd [En]	6
▲	13	373346	(000000–)	Screw, Cap	6
▲	14	373494	(000000–)	Valve, Relief, 4000 Psi	1
▲	15	373678	(000000–)	Valve, Relief, 3000 Psi	1
▲	16	373317	(000000–)	Bearing, Cone, Pump, Hyd	2
▲	17	373393	(000000–)	Plate, Cover	1
▲	18	373394	(000000–)	Plate, Cover	1
▲	19	70100	(000000–)	Pin, Dowel, Pump, Hyd	2
▲	20	373347	(000000–)	Screw, Cap	2
▲	21	373348	(000000–)	Screw, Cap	2
▲	22	74237	(000000–)	Key, Shaft, Pump, Hyd	1
▲	23	373679	(000000–)	Coupler, Pump	1
▲	24	373680	(000000–)	Ring, Lock	1
▲	25	373395	(000000–)	Bearing, Cup	2
▲	26	74180	(000000–)	Plate, Valve, Pump, Hyd	1
▲	27	13907	(000000–)	Fitting, Hyd, Plug, Om08	1
▲	28	373413	(000000–)	Actuator, Valve, By–Pass [En]	1
▲	29	373398	(000000–)	Seal Kit, Pump, Hyd	1
▲	30	373402	(000000–)	Shim Kit	1
	31	373429	(000000–)	Instr, Repair, Pump	1

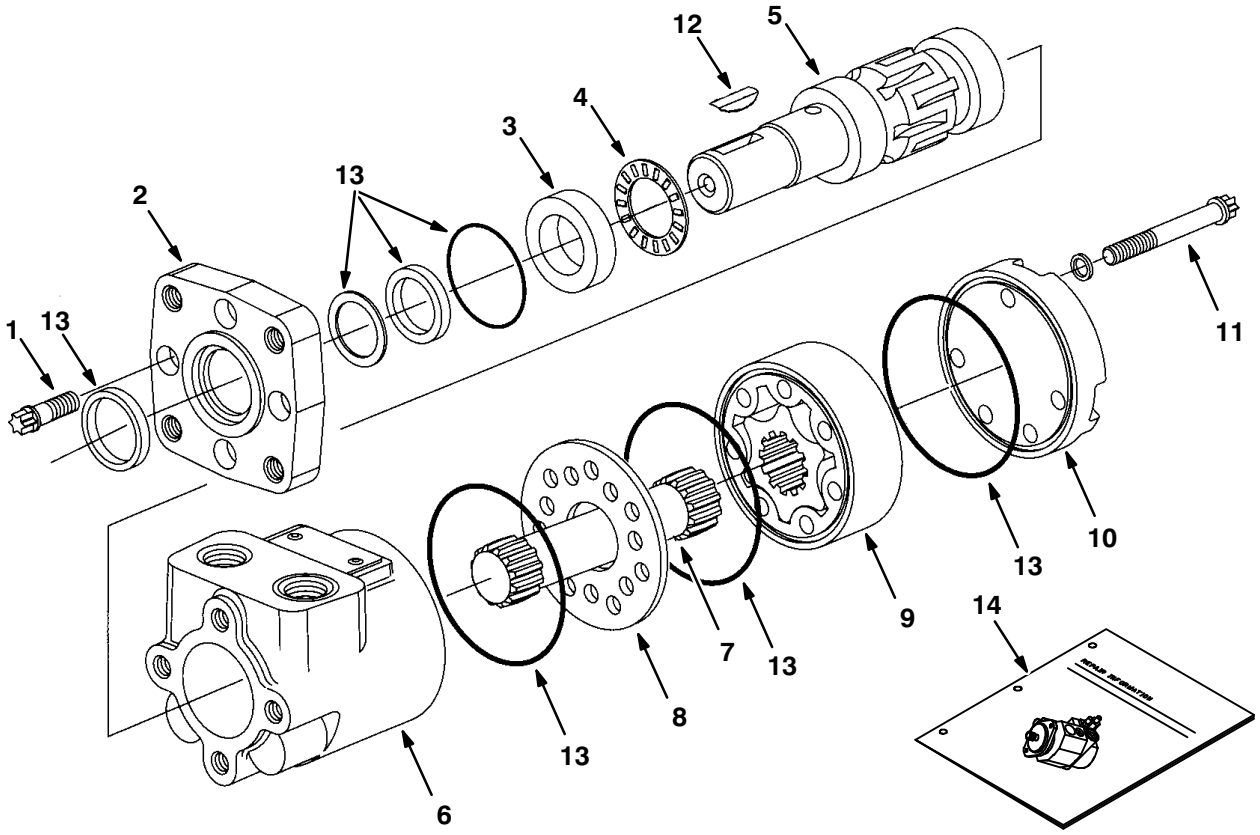
Fig. 4 – Hydraulic Motor Breakdown, 71729



09606–09670 – ALL

	Ref.	Part No.	Serial Number	Description	Qty.
▽		71729	(000000–)	Motor, Hyd Gear In 4.5 B 1500	1
▲	1	37555	(000000–)	Screw	4
▲	2	31354	(000000–)	Flange Mounting	1
▲	3	16695	(000000–)	Race Thrust	1
▲	4	45628	(000000–)	Thrust Bearing	1
▲	5	31375	(000000–)	Shaft, Output	1
▲	6	74100	(000000–)	Housingl	1
▲	7	31379	(000000–)	Drive	1
▲	8	74094	(000000–)	Spacer Plate	1
▲	9	31383	(000000–)	Gerotor Set	1
▲	10	74095	(000000–)	End Cap	1
▲	11	65241	(000000–)	Cap Screw	5
▲	12	74098	(000000–)	Plug #4	1
▲	13	74099	(000000–)	Plug #10	2
▲	14	00500–15	(000000–)	Key–Wdruff 0.25 1.00	1
▲	15	39527	(000000–)	Nut–Hxslot .75–16 Pltd	1
▲	16	61490	(000000–)	Seal Replmt Kit	1
▲	17	74250	(000000–)	Instr. Repair Info, Motor	1

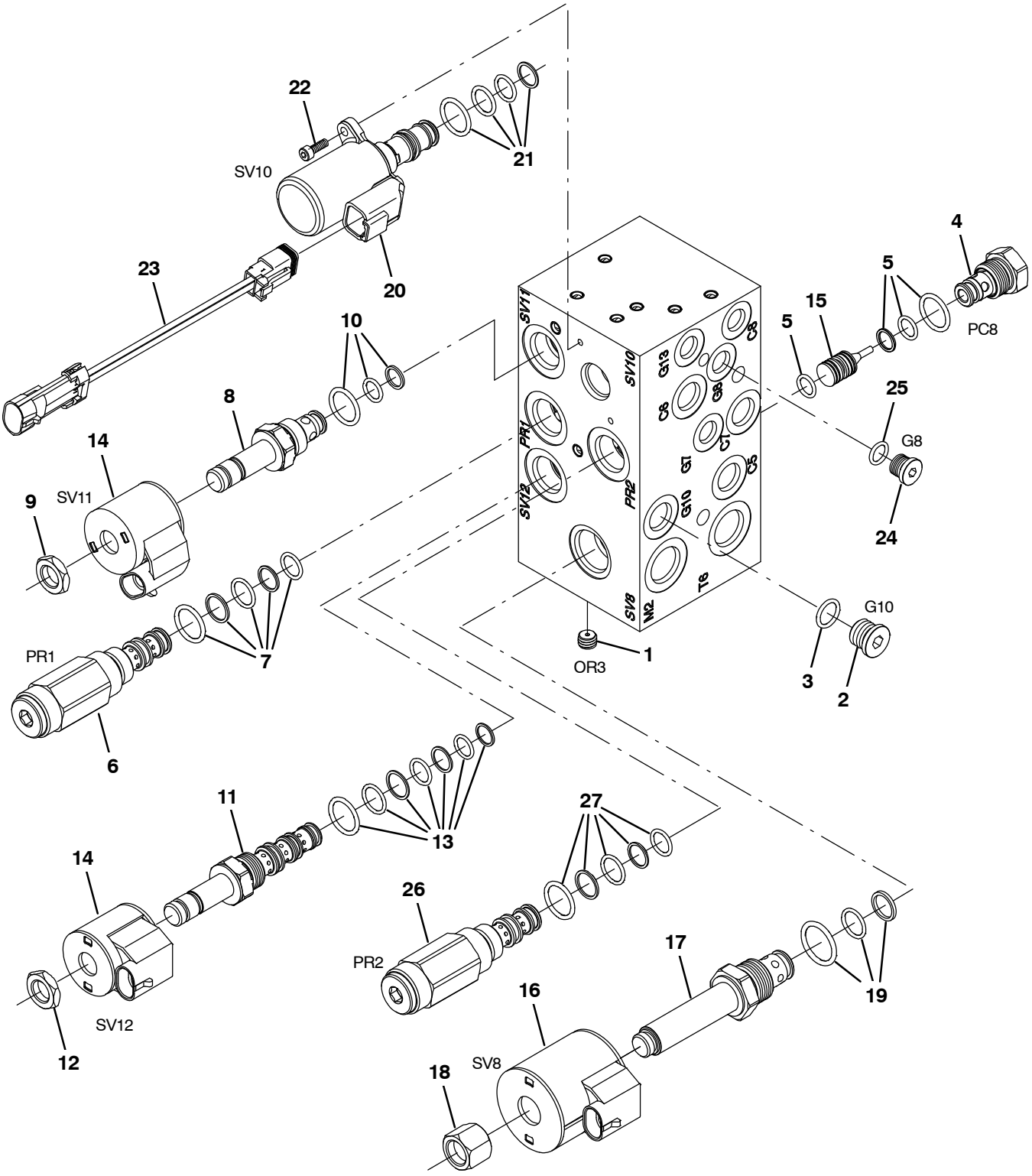
Fig. 5 – Hydraulic Motor Breakdown, 1029379



10859–09670 – ALL

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1029379	(000000–)	Motor, Hyd, Gear, Int 08.9 Bi–Dir 2500	1
▲	1	37555	(000000–)	Screw, Motor, Hyd [En]	4
▲	2	31354	(000000–)	Flange, Motor, Hyd [En]	1
▲	3	16695	(000000–)	Ace, Thrust, Motor, Hyd [En]	1
▲	4	45628	(000000–)	Bearing, Thrust	1
▲	5	28854	(000000–)	Shaft, Output, Motor, Hyd [En]	1
▲	6	74100	(000000–)	Housing, Motor, Hyd [En]	1
▲	7	21955	(000000–)	Drive [Cl]	1
▲	8	74094	(000000–)	Plate, Spacer, Motor, Hyd [En]	1
▲	9	21956	(000000–)	Gerotor Set [Cl]	1
▲	10	65230	(000000–)	End Cap, Motor, Hyd [En]	1
▲	11	21958	(000000–)	Cap Screw Cl	5
▲	12	00500–15	(000000–)	Key, Woodruff, 0.25 1.00 [Asa#0808]	1
▲	13	61490	(000000–)	Seal Kit, Motor [Cl]	1
▲	14	74250	(000000–)	Instr, Motor, Hyd, Repair [En]	1

Fig. 6 – Hydraulic Valve Breakdown, 1072997

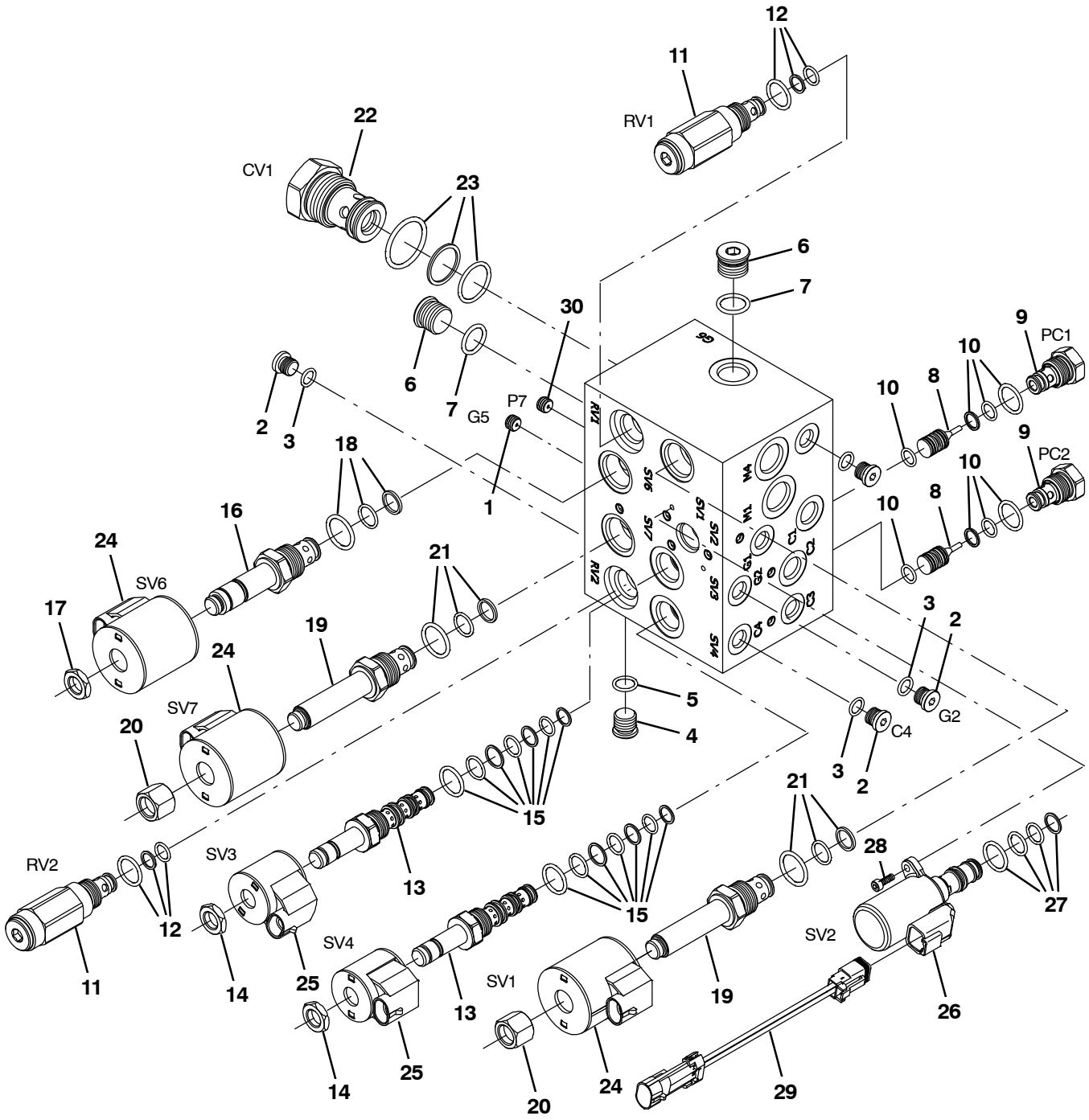


356403 – ALL

Fig. 6 – Hydraulic Valve Breakdown, 1072997

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1072997	(000000–)	Valve, Cntrl, Hyd, Solenoid, 03/16gpm	1
▲	1	373633	(000000–)	Plug, Orifice, Valve, Hyd, .040	1
▲▽	2	13904	(000000–)	Fitting, Plug, Org, #6, Valve [Cec]	1
▲▲	3	77005	(000000–)	Seal, Org, .078 X 00.47id 06	1
▲▽	4	373656	(000000–)	Valve, Check	1
▲▲	5	373647	(000000–)	Seal Kit, Cartridge	1
▲▽	6	373661	(000000–)	Valve, Relief	1
▲▲	7	373647	(000000–)	Seal Kit, Cartridge	1
▲▽	8	373662	(000000–)	Stem, Valve, Hyd	1
▲▲	9	373648	(000000–)	Nut, Coil, Nyl Patch	1
▲▲	10	373647	(000000–)	Seal Kit, Cartridge	1
▲▽	11	373657	(000000–)	Stem, Valve, Hyd [4w2p]	1
▲▲	12	373648	(000000–)	Nut, Coil, F/#8	1
▲▲	13	373647	(000000–)	Seal Kit, Cartridge	1
▲	14	373640	(000000–)	Solenoid, #8, 12vdc	3
▲	15	373658	(000000–)	Spool, Pilot, Hyd	1
▲	16	373642	(000000–)	Solenoid, #10, 12vdc	1
▲▽	17	373663	(000000–)	Valve, Stem, No	1
▲▲	18	373670	(000000–)	Nut, Solenoid	1
▲▲	19	373646	(000000–)	Seal Kit, Cartridge	1
▲▽	20	9011347	(000000–)	Valve Assy [Proportional]	1
▲▲	21	9011343	(000000–)	Seal Kit, Valve [Ehpr98]	1
▲▲	22	9011345	(000000–)	Screw, Mtg [Ehpr98]	2
▲▲	23	9011346	(000000–)	Harness, Jumper [Deutsch To Mpack]	1
▲▽	24	13904	(000000–)	Fitting, Plug, Org, #6, Valve [Cec]	1
▲▲	25	77005	(000000–)	Seal, Org, .078 X 00.47id 06	1
▲▽	26	373683	(000000–)	Valve, Relief	1
▲▲	27	373647	(000000–)	Seal Kit, Cartridge	1

Fig. 7 – Hydraulic Valve Breakdown, 1072996



356402 – T20

Fig. 7 – Hydraulic Valve Breakdown, 1072996

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1072996	(000000–)	Valve, Cntrl, Hyd, Solenoid, 12vdc 08gpm	1
▲	1	373665	(000000–)	Plug, Orifice, Valve, Hyd, .046	1
▲▽	2	74098	(000000–)	Fitting, Hyd, Plug, Om04	4
▲▲	3	77003	(000000–)	Seal, Org, .072 X 00.35id #04	1
▲▽	4	13904	(000000–)	Fitting, Plug, Org, #6, Valve [Cec]	1
▲▲	5	77005	(000000–)	Seal, Org, .078 X 00.47id #06	1
▲▽	6	13907	(000000–)	Fitting, Hyd, Plug, Om08	2
▲▲	7	77006	(000000–)	Seal, Org, .087 X 00.64id #08	2
▲	8	373658	(000000–)	Spool, Pilot, Hyd	2
▲▽	9	373631	(000000–)	Valve, Check	2
▲▲	10	373647	(000000–)	Seal Kit, Cartridge	1
▲▽	11	373666	(000000–)	Valve, Relief	2
▲▲	12	373647	(000000–)	Seal Kit, Cartridge	1
▲▽	13	373657	(000000–)	Stem, Valve, Hyd, 4w2p	2
▲▲	14	373648	(000000–)	Nut, Coil, F/#8	1
▲▲	15	373647	(000000–)	Seal Kit, Cartridge	1
▲▽	16	373667	(000000–)	Stem, Valve, Hyd	1
▲▲	17	373648	(000000–)	Nut, Coil, F/#8	1
▲▲	18	373646	(000000–)	Seal Kit, Cartridge	1
▲▽	19	373663	(000000–)	Valve, Stem, No	2
▲▲	20	373670	(000000–)	Nut, Solenoid	1
▲▲	21	373646	(000000–)	Seal Kit, Cartridge	1
▲▽	22	373668	(000000–)	Valve, Check	1
▲▲	23	373671	(000000–)	Seal Kit, Cartridge	1
▲	24	373642	(000000–)	Solenoid, #10, 12vdc	3
▲	25	373640	(000000–)	Solenoid, #8, 12vdc	2
▲▽	26	9011347	(000000–)	Valve Assy [Proportional]	1
▲▲	27	9011343	(000000–)	Seal Kit, Valve [Ehpr98]	1
▲▲	28	9011345	(000000–)	Screw, Mtg [Ehpr98]	2
▲▲	29	9011346	(000000–)	Harness, Jumper [Deutsch To Mpack]	1
▲	30	373669	(000000–)	Plug, Orifice, Valve, Hyd, .063	1

Fig. 8 – Hydraulic Steering Valve Breakdown, 1024260

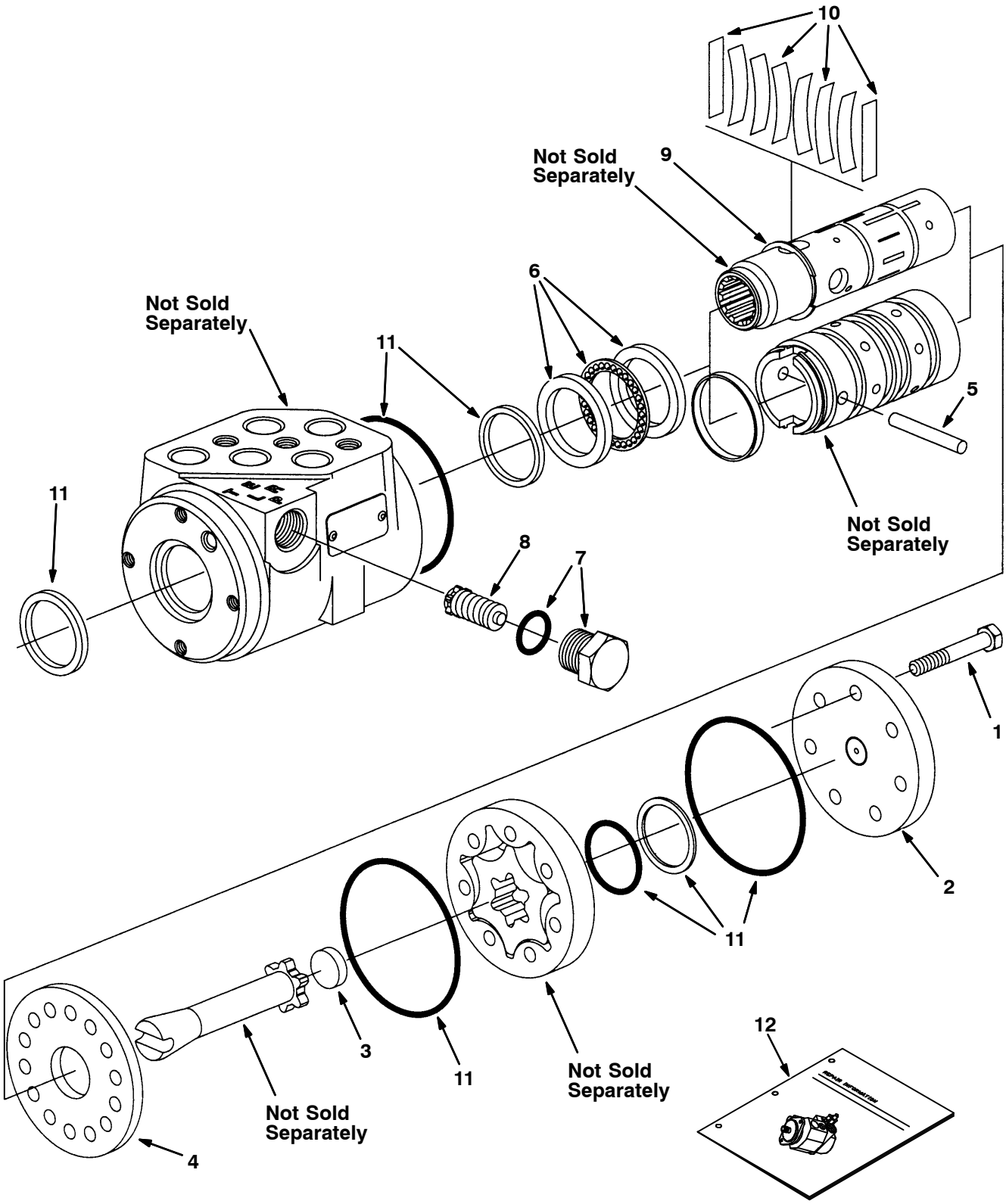
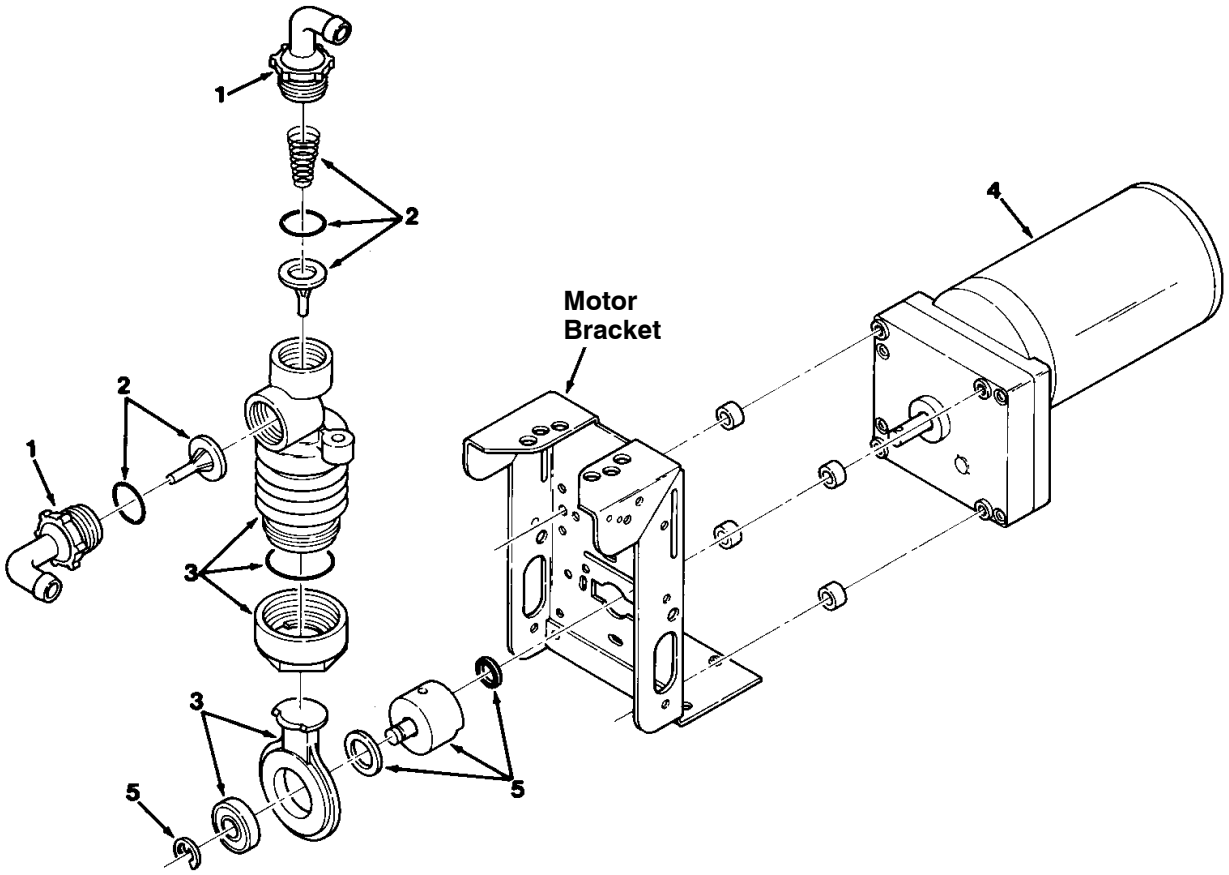


Fig. 8 – Hydraulic Steering Valve Breakdown, 1024260

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1024260	(000000–)	Steer–Control, Hyd05, 06.1 2030	1
▲	1	74183	(000000–)	Screw, Valve, Steering	7
▲	2	74185	(000000–)	Cap, End, Valve, Steering	1
▲	3	74193	(000000–)	Spacer, Valve, Steering	1
▲	4	74222	(000000–)	Plate, Wear, Steering Valve	1
▲	5	74232	(000000–)	Pin, Valve, Steering	1
▲	6	21935	(000000–)	Bearing Kit [Cl]	1
▲	7	21933	(000000–)	Plug Assy [Cl]	1
▲	8	21934	(000000–)	Valve Assy, Relief [Cl]	1
▲	9	74243	(000000–)	Ring, Retainer, Steering Valve	1
▲	10	74196	(000000–)	Spring Kit, Scu [Cl]	1
▲	11	74244	(000000–)	Seal Kit, Steering [Cl]	1
▲	12	74245	(000000–)	Instr, Valve, Steering, Repair	1

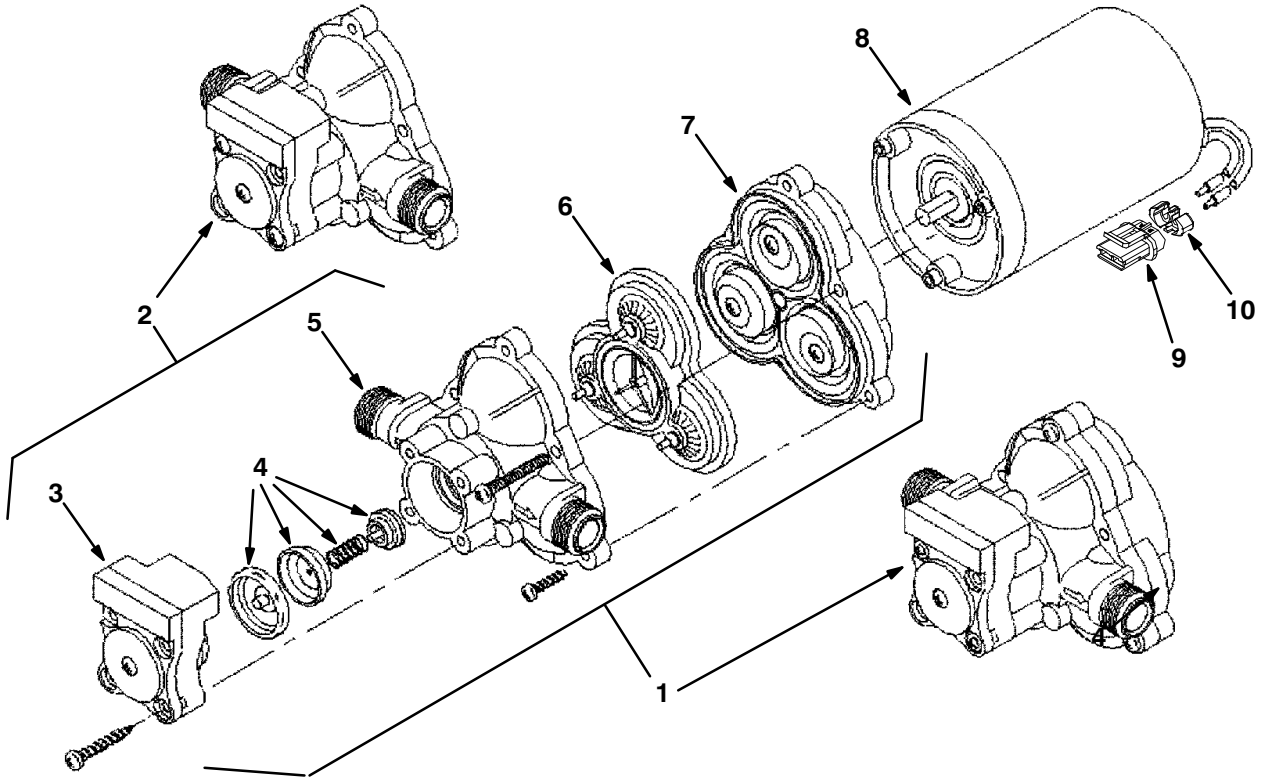
Fig. 9 – Metering Solution Pump Breakdown, 73260



00112 – ALL

	Ref.	Part No.	Serial Number		Description	Qty.
▽		73260	(000000–	)	Pump, Detgt, 14vdc, 150ml/Min 20psi	1
▲	1	63923	(000000–	)	Tubing Connctr.Kit, Gorman Pmp	1
▲	2	21659	(000000–	)	Valve Kit, Poppet, Gorman Rupp	1
▲	3	21657	(000000–	)	Kit, Bellows, Pump, Detgt	1
▲	4	78875	(000000–	)	Motor, Ele, Gear, 14vdc, Pump, Detgt	1
▲	5	02430	(000000–	)	Crank Kit, Pump, F/79323, Replmt	1

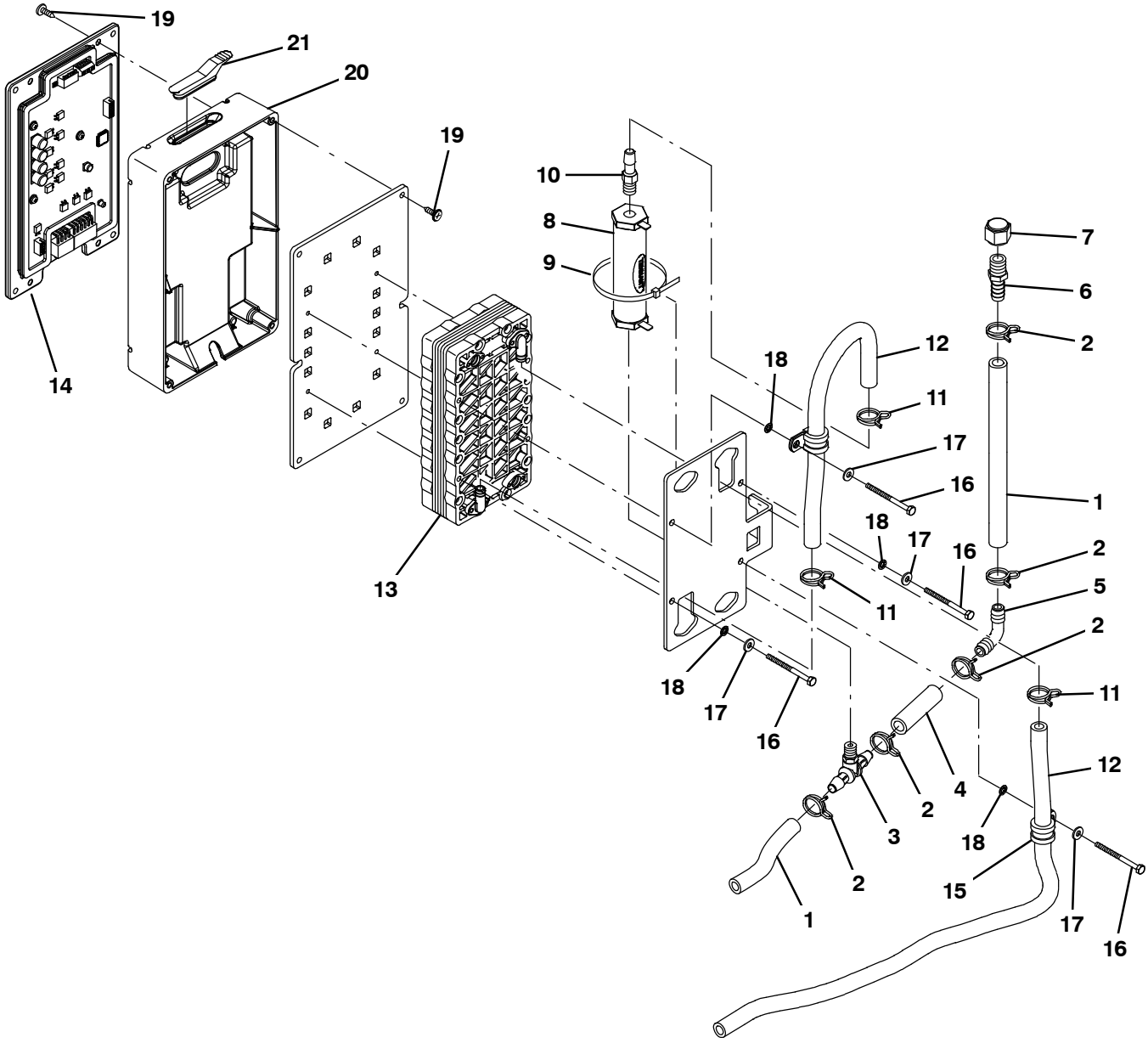
Fig. 10 – Water Pump Breakdown, 1026743



07490 – 09670

	Ref.	Part No.	Serial Number		Description	Qty.
▽		1026743	(000000–	)	Pump, Diaphragm	1
▲	1	1031802	(000000–	)	Complete Pump Kit, Pump, Repair,	1
▲	2	1031803	(000000–	)	Hsg & Switch Kit, Pump, Repair,	1
▲	3	1031796	(000000–	)	Switch Kit, Pump, Repair,	1
▲	4	1031797	(000000–	)	Chech Valve Kit, Pump, Repair,	1
▲	5	1031798	(000000–	)	Upper Hsg Kit, Pump, Repair,	1
▲	6	1031799	(000000–	)	Bypass Valve Kit, Pump, Repair,	1
▲	7	1031800	(000000–	)	Diaphragm Kit, Pump, Repair,	1
▲	8	1031801	(000000–	)	Motor Kit, Pump, Repair,	1
▲	9	78950	(000000–	)	Connector, Fem, 02cav, Mp280 Sealed	1
▲	10	78952	(000000–	)	Lock, Secondary, 2cav, Mp280 Sealed	1
▲		78951	(000000–	)	Terminal, Fem, Mp280, Sealed, 18–16ga	2
▲		10917	(000000–	)	Seal, Wire, 14/16ga [Wp / Mp280 Sealed]	2

Fig. 11 – ec–H20 Module Assembly Breakdown, 9007882

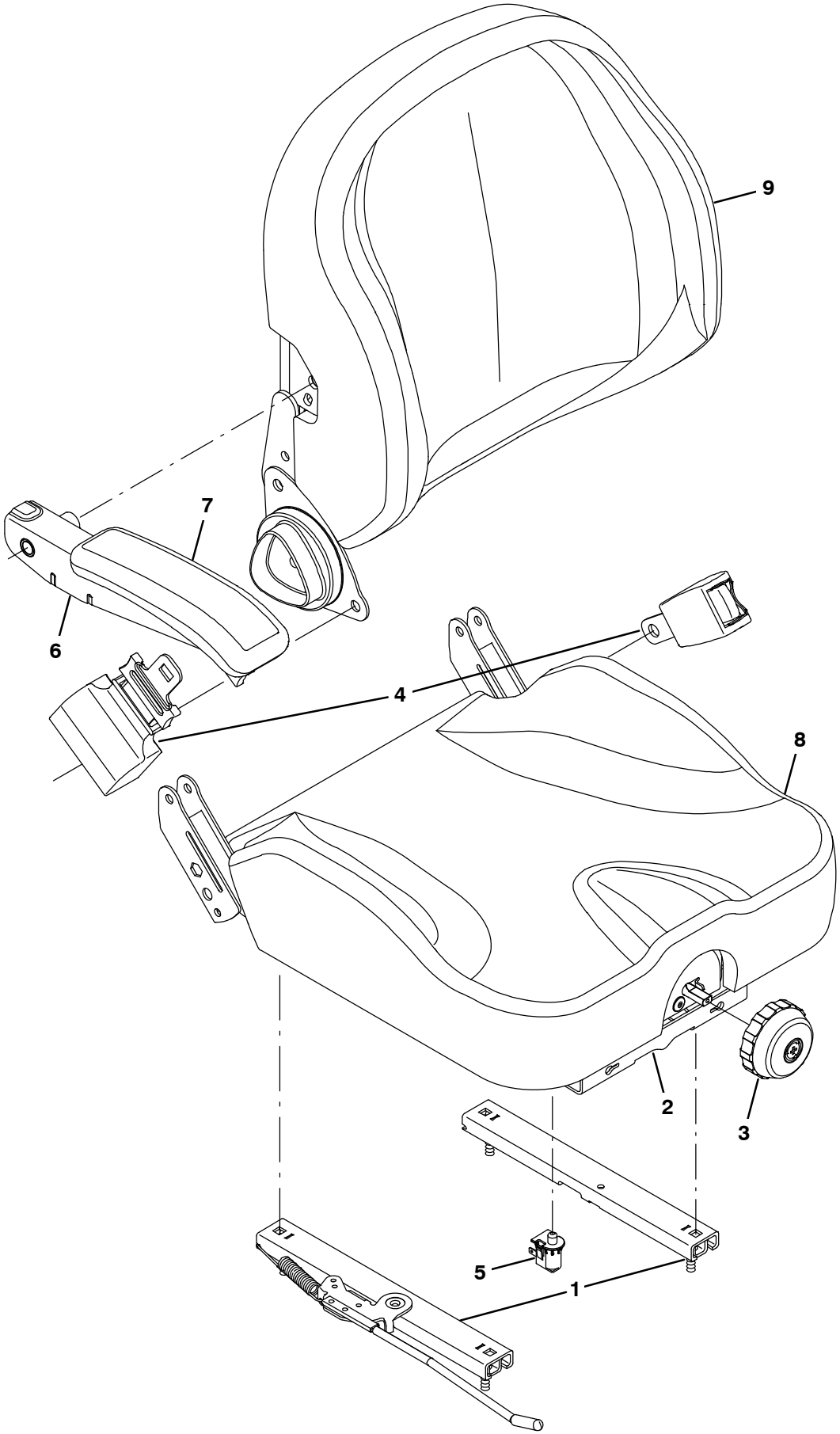


356035

Fig. 11 – ec–H20 Module Assembly Breakdown, 9007882

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9007882	(000000–)	Module Kit, Replmt [Ec–H20]	1
▲	1	1014974	(000000–)	Hose, Afmkt, Pvc, Brd, 0.38id, 02ft, Clr	2
▲	2	607775	(000000–)	Clamp, Hose, Wir, .63 – .66, Blk	5
▲	3	1060517	(000000–)	Fitting, Plstc, Tee, Bm06/Pm02/Bm06	1
▲	4	1014971	(000000–)	Hose, Afmkt, Pvc, Brd, 0.38id, 01ft, Clr	1
▲	5	20951	(000000–)	Fitting, Plstc, E90, Bm06/Bm06	1
▲	6	150540	(000000–)	Fitting, Plstc, Str, Bm06/Pm04	1
▲	7	1005435	(000000–)	Fitting, Plstc, Pipe, Cap, Pf04	1
▲	8	1038159	(000000–)	Electrode, Cylindrical	1
▲	9	44961	(000000–)	Tie, Cable, Nyl, 14.5l .30w 4.0 Max D	1
▲	10	1060695	(000000–)	Fitting, Plstc, Str, Pm02/Bm05	1
▲	11	1053464	(000000–)	Clamp, Hose, Wir, .52 – .56, Yel	3
▲	12	1052336	(000000–)	Hose, Afmkt, PVC, Brd, 0.31Id, 03Ft, Clr	1
▲	13	1057637	(000000–)	Electrode, 5 Plate, High Flow	1
▲	14	9007883	(000000–)	Controller Kit, Replmt [Ec–H20]	1
▲	15	1016354	(000000–)	Clamp, Cable, Ss, 0.50d X 0.50w [Insul]	2
▲	16	32509	(000000–)	Screw, Hex, M4 X 0.70 X 50, Ss	4
▲	17	41579	(000000–)	Washer, Flat, 08, Ss	4
▲	18	02938	(000000–)	Washer, Lock, Int, 08, Ss	4
▲	19	1018155	(000000–)	Screw, Pan, Phl, M5 X 0.80 X 16, Tcut,Ss	8
▲	20	1037032	(000000–)	Housing, Bottom	1
▲	21	1054776	(000000–)	Grommet, Blind	1

Fig. 12 – Seat Breakdown, 9018721

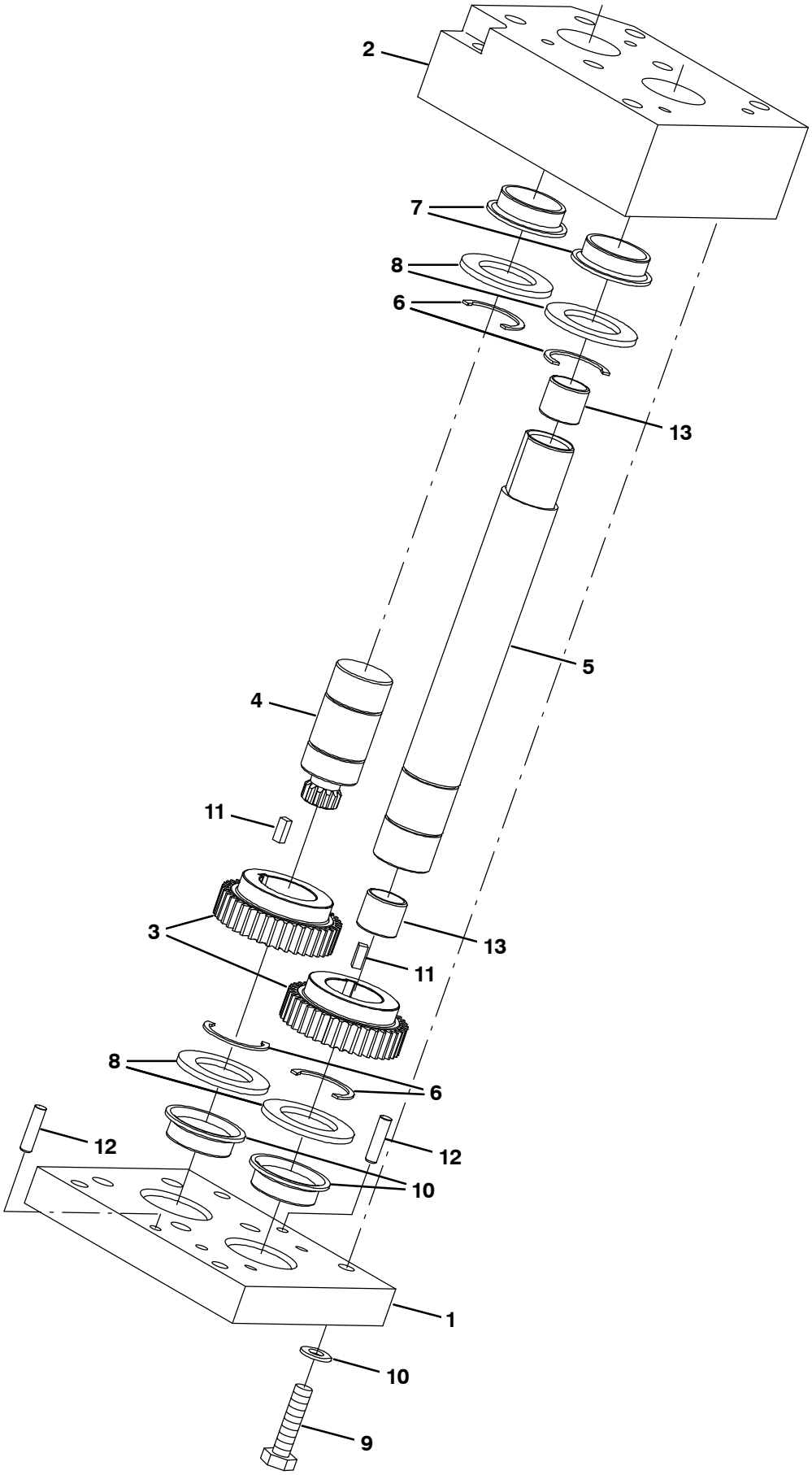


356526

Fig. 12 – Seat Breakdown, 9018721

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9018721	(000000–)	Seat, Deluxe, Replmt [M20/T20/M30]	1
▲	1	9012585	(000000–)	Track Assy, Slide	1
▲	2	9012587	(000000–)	Bellows, Seat	1
▲	3	9012589	(000000–)	Knobs, Adjmt, Weight	1
▲	4	9018734	(000000–)	Seatbelt, Retract, Orange, Replmt	1
▲	5	9012591	(000000–)	Switch, Seat	1
▲	6	9012592	(000000–)	Armrest	1
▲	7	9012593	(000000–)	Pad, Armrest	1
▲	8	9012594	(000000–)	Cover, Cushion	1
▲	9	9012595	(000000–)	Cover, Backrest	1

Fig. 13 – Steering Gearbox Breakdown, 9015636

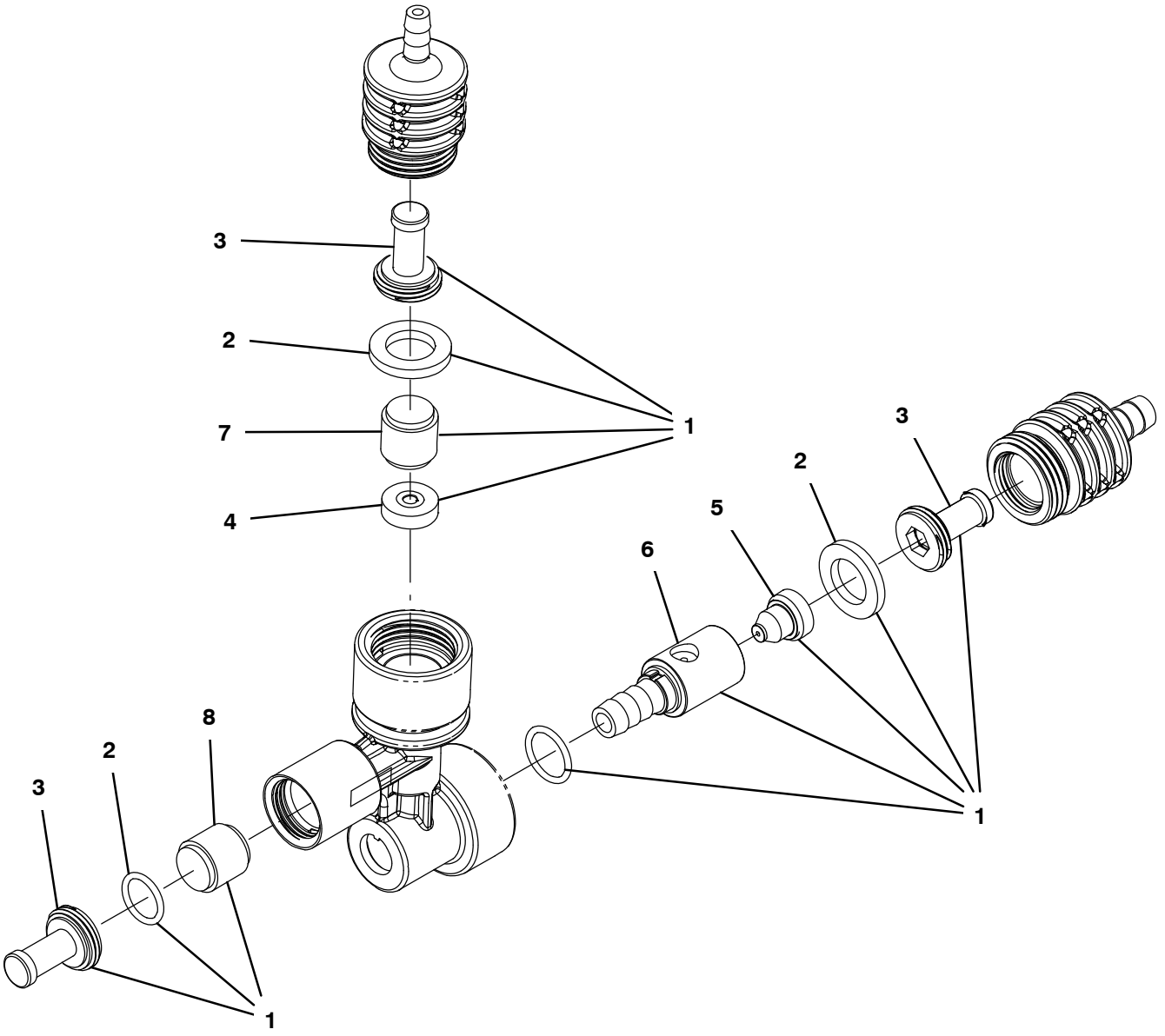


356677

Fig. 13 – Steering Gearbox Breakdown, 9015636

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9015636	(000000–)	Gearbox Kit, Steering, Afmkt[M20/30/T20]	1
▲	1	1224091	(000000–)	Housing, Gear, Top	1
▲	2	1224092	(000000–)	Housing, Gear, Bottom	1
▲	3	1222953	(000000–)	Gear, Steering	2
▲	4	1224093	(000000–)	Shaft, Gear, Orbital	1
▲	5	1224094	(000000–)	Shaft. Sterring	1
▲	6	59861	(000000–)	Ring, Retaining, Ext, 1.25d	4
▲	7	1210624	(000000–)	Bushing, Flng, 1.25b 1.41d 0.50l	4
▲	8	763024	(000000–)	Washer, Thrust, 1.26b 1.97d 0.13, Bnz	4
▲	9	41342	(000000–)	Screw, Hex, M8 X 1.25 X 40, 8.8	4
▲	10	39349	(000000–)	Washer, Flat, 0.31, Sae	4
▲	11	00961	(000000–)	Key, Sq, 0.19 X 0.19, 0.50l	2
▲	12	83043	(000000–)	Pin, Dowel, 0.2502d X 1.00l	2
▲	13	1057785	(000000–)	Bearing, Journal, 0.75b 0.88d 0.75l	2

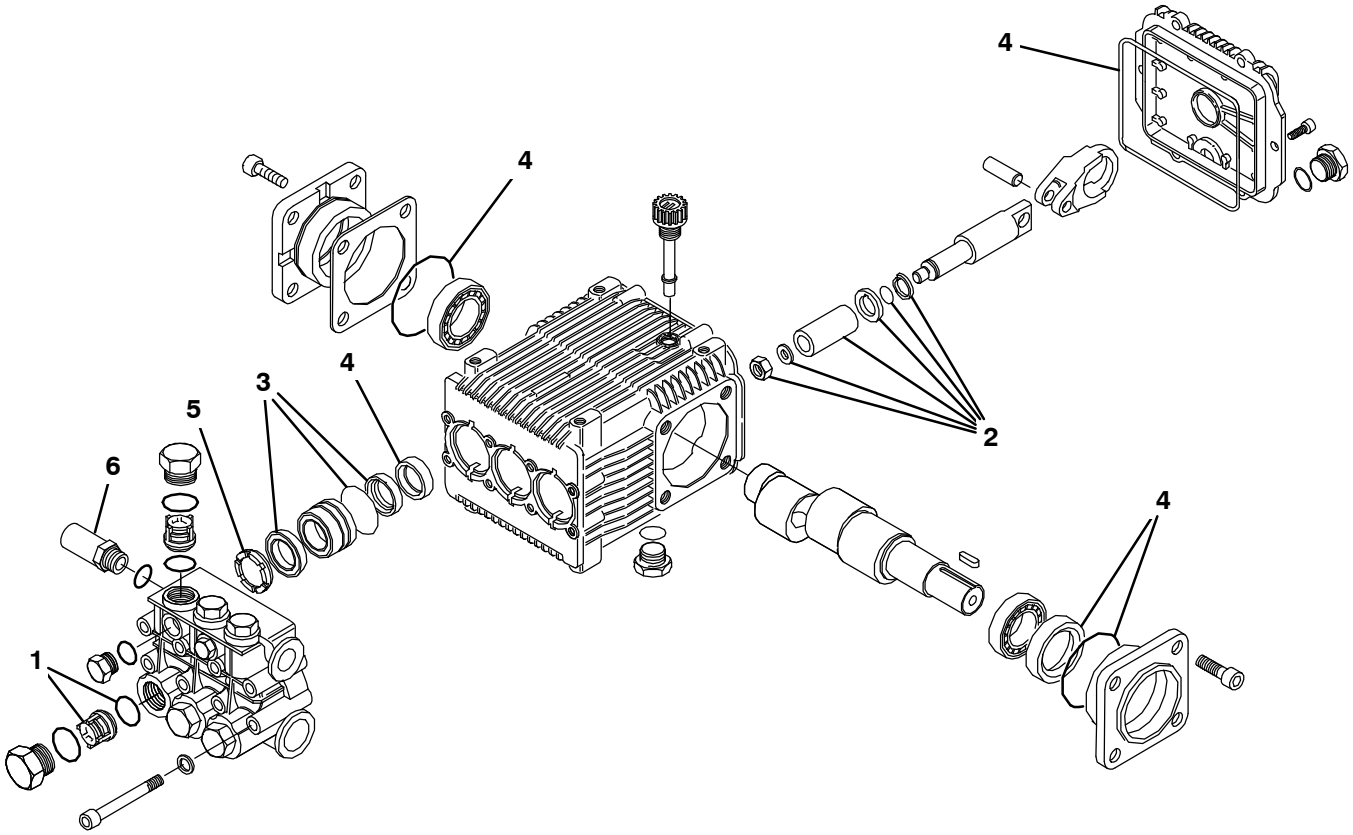
Fig. 14 – FaST Injector Assembly Breakdown, 9008868



356271

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9008868	(000000–)	FaST Kit, Injector [M20/T20/m30 FaST III}	1
▲▽	1	9008757	(000000–)	FaST Kit, Ci [inj Rebld, M30/M20 III]	1
▲▲	2	9008848	(000000–)	FaST Kit, Seal, injector, Ci [FaST III]	1
▲▲	3	9003009	(000000–)	FaST Kit, Ci, Injector Filters[FaST Ii+]	1
▲▲	4	1059878	(000000–)	Plate Assy, Orifice, 0.0105Id, Green	1
▲▲	5	1042710	(000000–)	Plug, Orifice, 0.060, Ss [FaST Ii+]	1
▲▲	6	1059234	(000000–)	Insert, :Lrg [Venturi, FaST III]	1
▲▲	7	1030444	(000000–)	Valve, Check, 0002psi [FaST Ii+]	1
▲▲	8	1030441	(000000–)	Valve, Check, 0005psi [FaST Ii+]	1

Fig. 15 – Water Pump Motor Breakdown, 1225829



354649

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1225829	(000000–)	Pump, Hyd, Press Washer	1
▲	1	9004290	(000000–)	Valve Kit	1
▲	2	9004291	(000000–)	Piston Kit	1
▲	3	9004288	(000000–)	Seal Kit [Buna]	1
▲	3	9004272	(000000–)	Seal Kit [Vitron]	1
▲	4	9004289	(000000–)	Seal Kit, Oil	1
▲	5	9004292	(000000–)	Ring Kit, Sppt	1
▲	6	1227137	(000000–)	Valve, Hyd, Press Washer	1

SECTION 5

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Fig. 1 – Crankcase Group

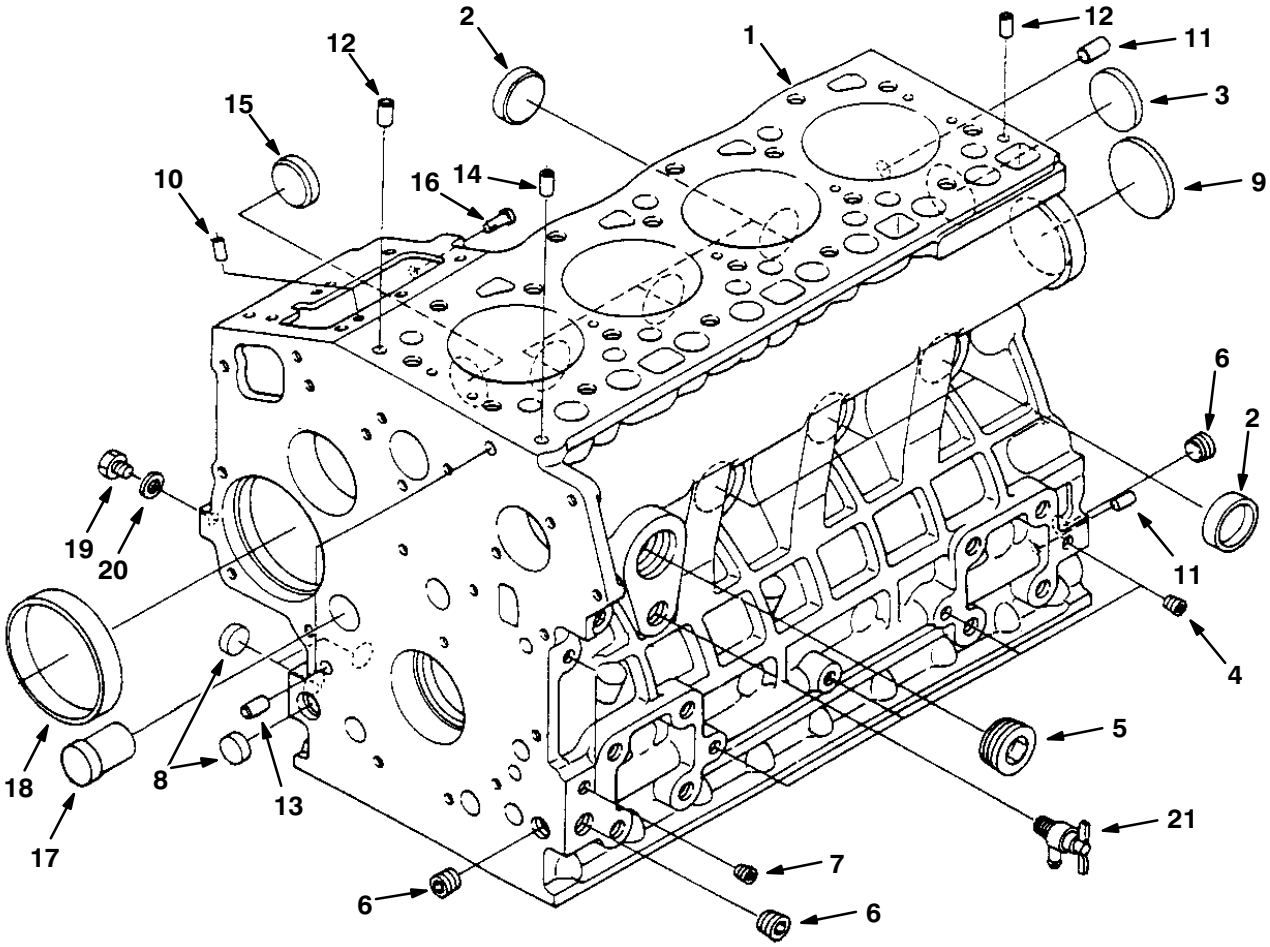
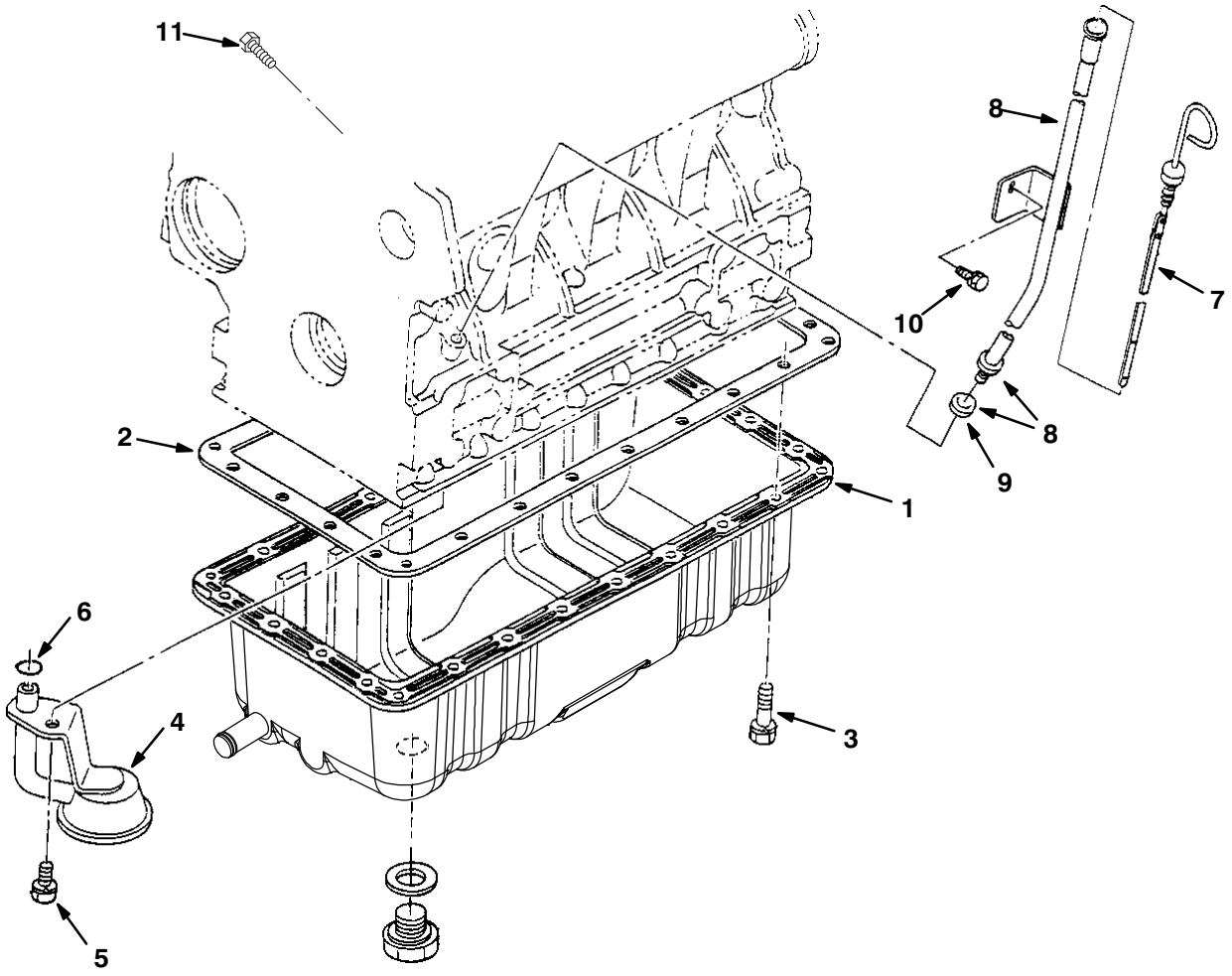


Fig. 1 – Crankcase Group

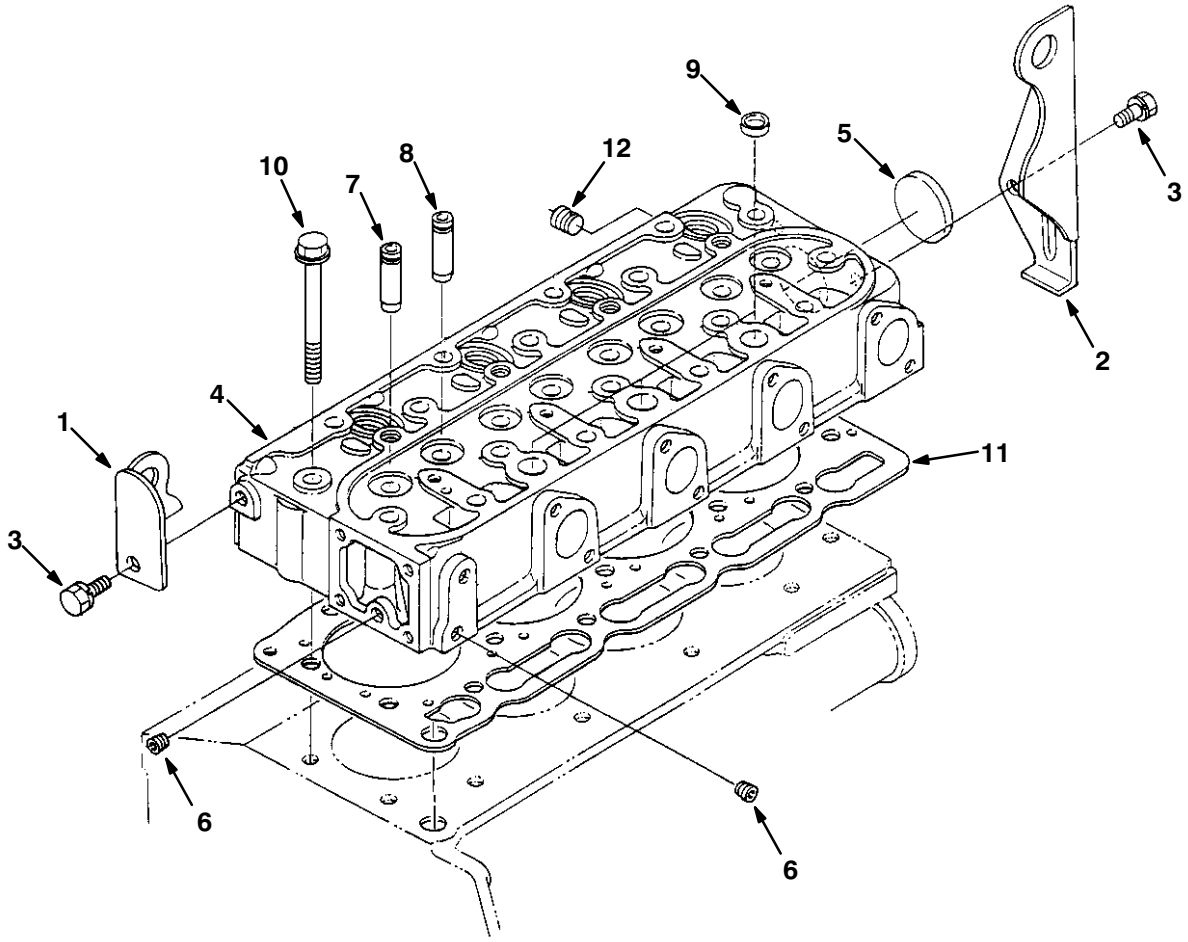
	Ref.	Part No.	Description	Qty.
▽	1	9004335	Crankcase, Complt [Ku]	1
▲	2	70998	Plug, Cup, Sealing [Ku]	6
▲	3	39087	Plug, Cup, Sealing [Ku]	1
▲	4	39088	Fitting, Pipe, Plug [Ku]	4
▲	5	70999	Plug, Eng [Ku]	1
▲	6	71985	Fitting, Pipe, Plug [Ku]	3
▲	7	39051	Fitting, Pipe, Plug [Ku]	2
▲	8	361436	Plug, Cup, Sealing [Ku]	3
▲	9	71986	Plug, Cup, Sealing [Ku]	1
▲	10	71987	Pin, Dowel [Ku]	2
▲	11	71988	Pin, Dowel [Ku]	2
▲	12	9004431	Pin, Straight [Ku]	2
▲	13	71990	Pin, Eng [Ku]	2
▲	14	71991	Tube, Pin [Ku]	1
▲	15	71992	Plug, Cup, Sealing [Ku]	1
▲	16	9004337	Pin, Start, Spring	1
▲	17	71993	Plug, Eng [Ku]	1
▲	18	70887	Bushing, Gear, Gov [Ku]	1
▲	19	39062	Fitting, Plug [Ku]	1
▲	20	393570	Gasket	1
	21	70888	Fitting, Draincock [Ku]	1

Fig. 2 – Oil Pan Group



	Ref.	Part No.	Description	Qty.
	1	1023144	Pan, Oil, Dsl	1
	2	70889	Gasket, Pan, Oil	1
	3	9004338	Bolt [Ku]	26
	4	70888	Filter, Oil [Ku]	1
	5	39094	Screw, Hex [Ku]	1
	6	9004339	O−Ring [Ku]	1
	7	9004435	Gauge, Oil [Ku]	1
▽	8	361428	Dipstick, Oil [Ku]	1
▲	9	361366	Seal, Org [Ku]	1
	10	39073	Screw, Hex [Ku]	1
		66187	Gasket Set	1
	11	9004348	Plug, Gauge, Oil [Ku]	1

Fig. 3 – Cylinder Head Group



	Ref.	Part No.	Description	Qty.
	1	71996	Ear, Lifting, Eng [Ku]	1
	2	71997	Ear, Lifting, Eng [Ku]	1
	3	39073	Screw, Hex [Ku]	2
▽	4	9004340	Head, Cylinder [Ku]	1
▲	5	393504	Cap, Sealing	1
▲	6	39088	Fitting, Pipe, Plug [Ku]	2
▲	7	372906	Guide, Valve, Inlet	4
▲	8	372907	Guide, Valve, Exhaust	4
▲	9	71999	Cap, Sealing, Eng [Ku]	3
	10	70897	Screw, Hex, Head, Cyl [Ku]	18
	11	9004341	Gasket, Head, Cyl [Ku]	1
		66194	Gasket Set, Upper	1
	12	72010	Fitting, Pipe, Plug [Ku]	1

Fig. 4 – Gear Case Group

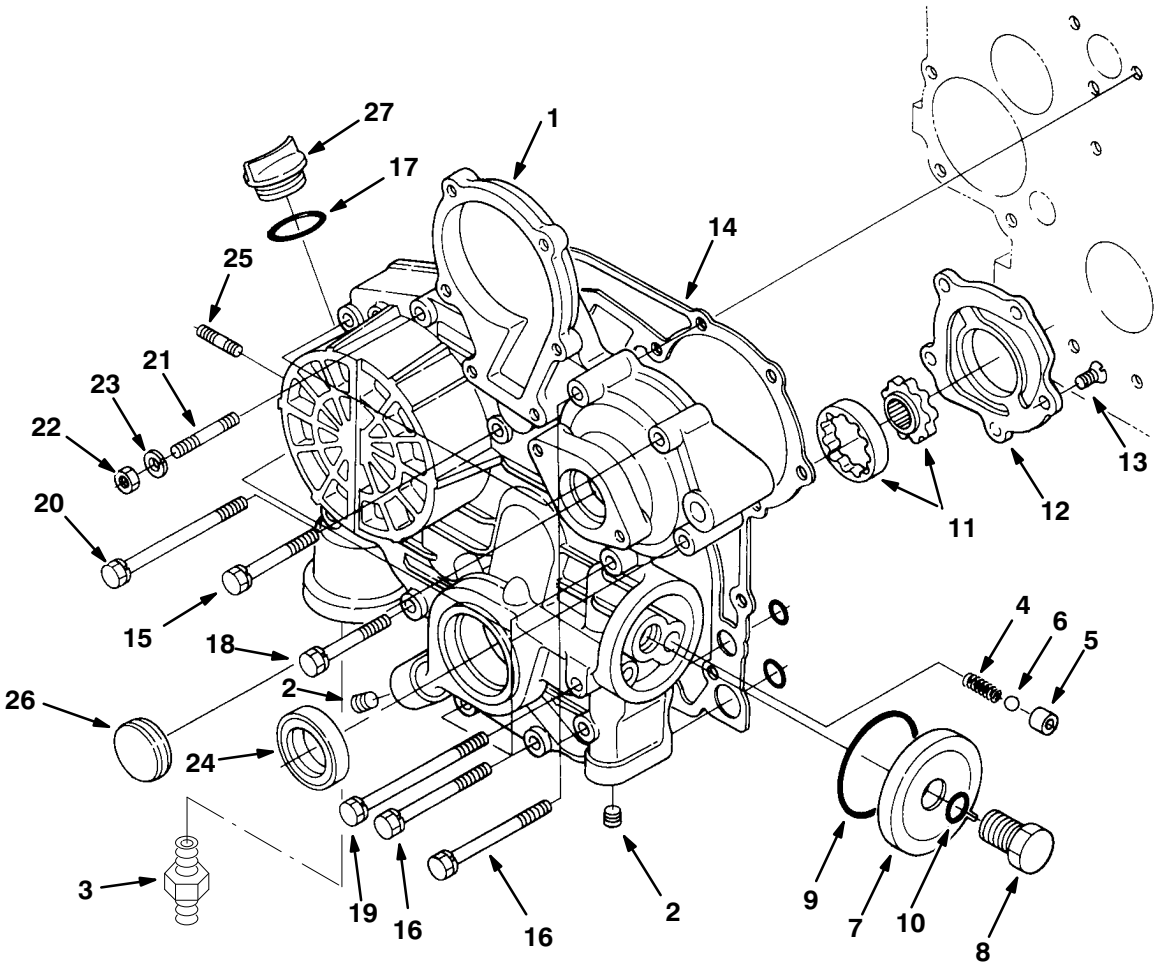
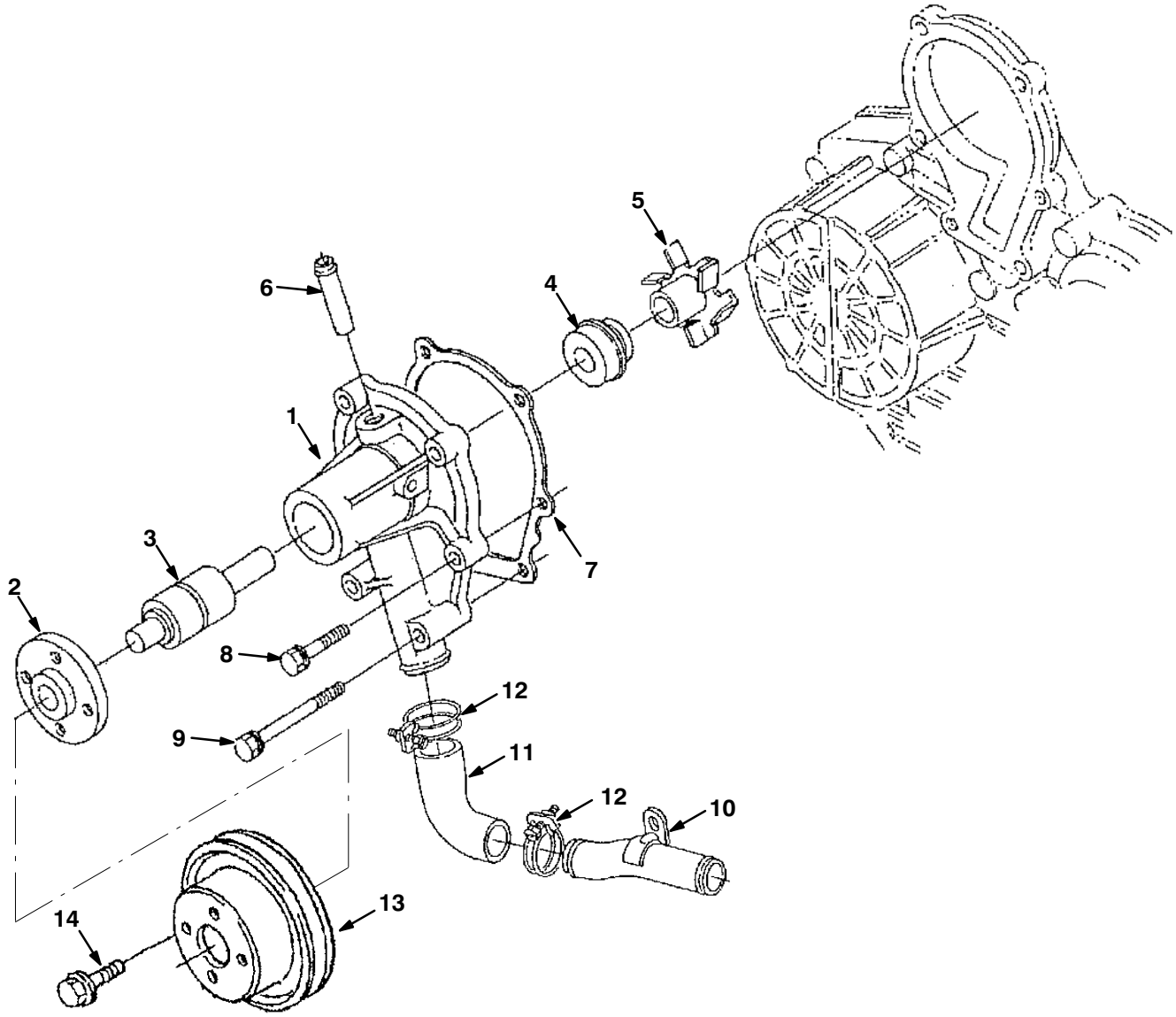


Fig. 4 – Gear Case Group

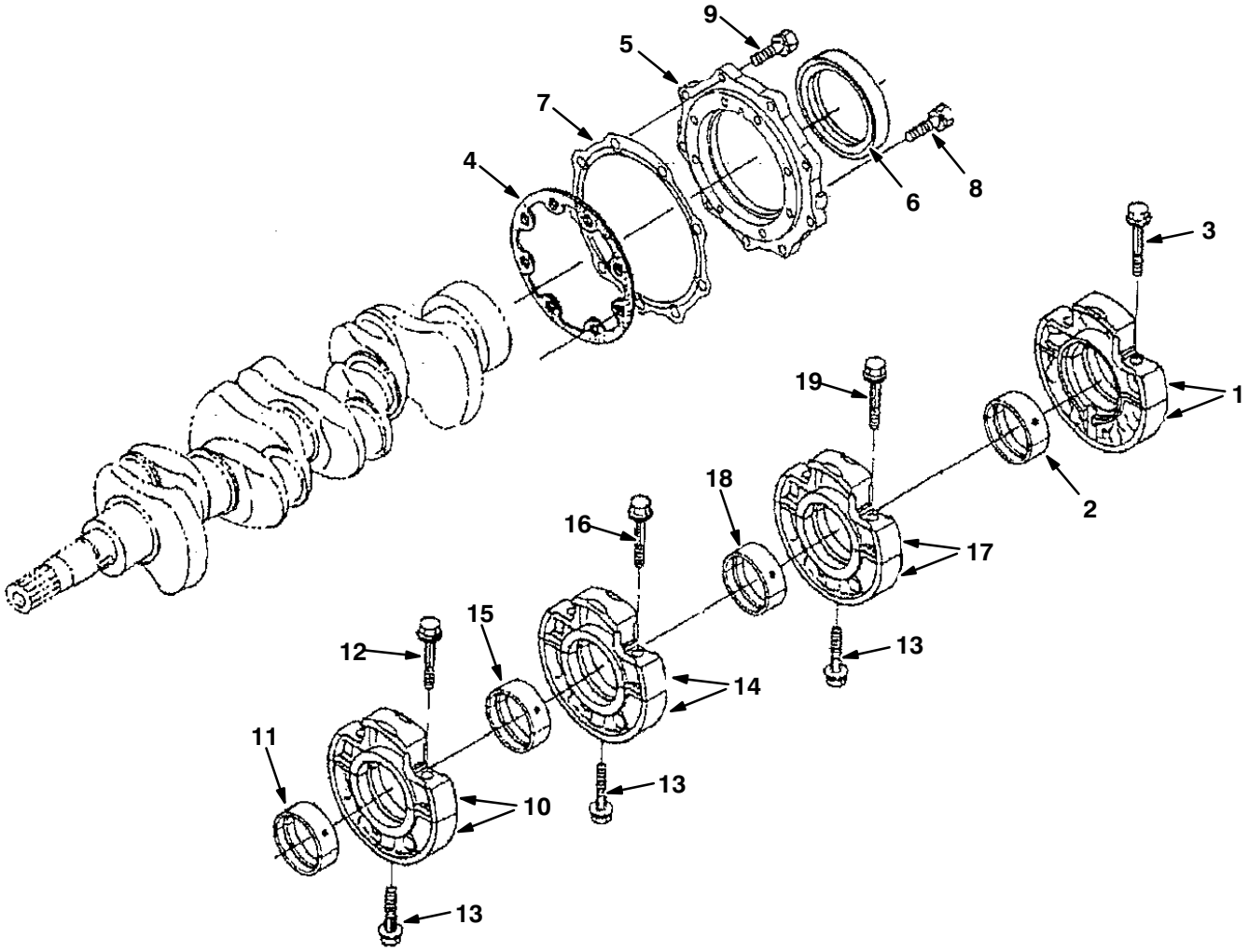
	Ref.	Part No.	Description	Qty.
▽	1	9004432	Crankcase, Comp [Ku]	1
▲	2	361401	Fitting, Pipe, Plug [Ku]	5
▲	3	12916	Fitting, Fltr, Oil [Ku]	1
▲	4	70900	Spring, Cmpr, Relief [Ku]	1
▲	5	70901	Tube, Seat, Valve, Oil [Ku]	1
▲	6	70902	Ball, Relief, Oil [Ku]	1
▲	7	70905	Cover	1
▲	8	70906	Bolt	1
▲	9	70907	Seal, Org [Ku]	1
▲	10	70911	Seal, Org	1
▲	11	70903	Pump, Oil, Eng [Ku]	1
▲	12	70904	Cover, Pump, Oil	1
	13	72013	Screw, Flt [Ku]	5
	14	70912	Gasket, Case, Gear [Ku]	1
	15	72993	Screw, Hex [Ku]	3
	16	72994	Bolt	6
	17	70913	Seal, Org	1
	18	72014	Screw, Hex [Ku]	1
	19	72015	Screw, Hex [Ku]	2
	20	72016	Bolt	1
	21	9004346	Stud [Ku]	1
	22	39121	Nut, Hex [Ku]	1
	23	39065	Washer, Lock, Split [Ku]	1
	24	361389	Seal, Oil, Front [Ku]	1
	25	9004347	Stud [Ku]	2
	26	72019	Cover	1
	27	361374	Cap, Filler, Oil [Ku]	1

Fig. 5 – Water Pump Group



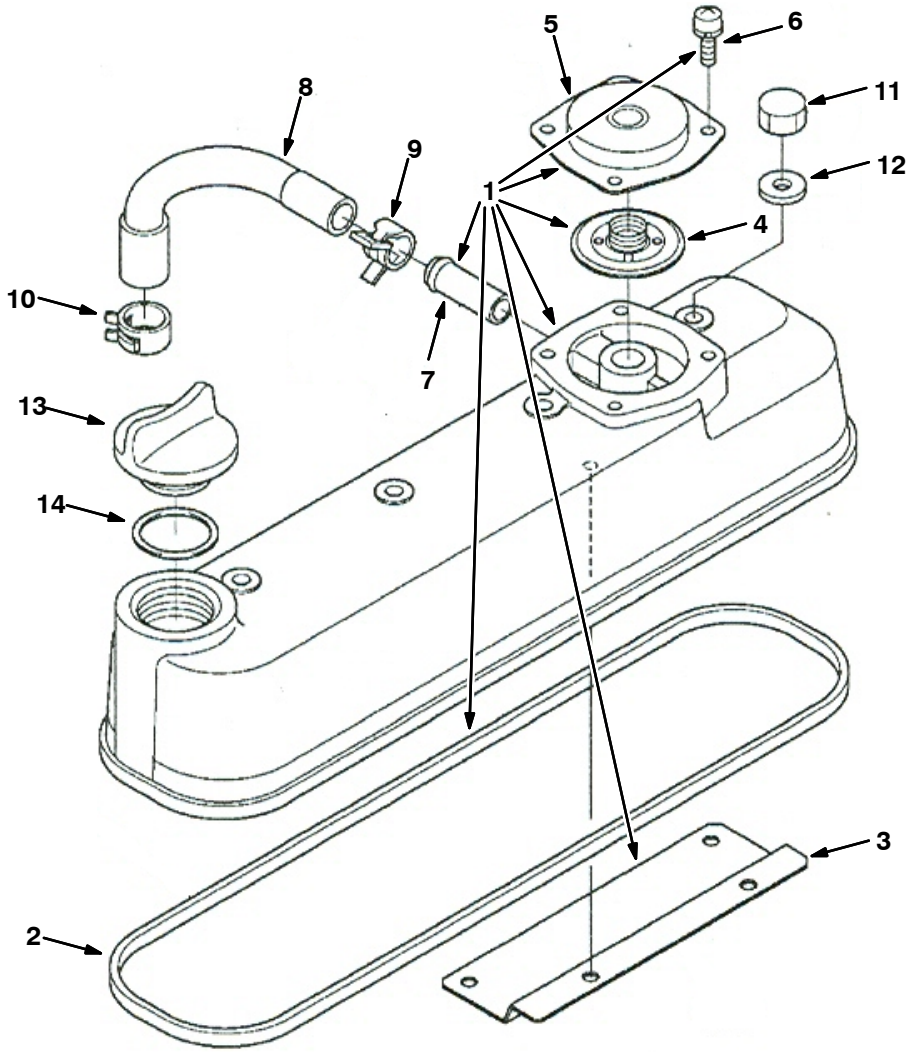
	Ref.	Part No.	Description	Qty.
▽	1	9004402	Pump, Water Assy [Ku]	1
▲	2	70919	Flange, Pump, Water [Ku]	1
▲	3	9004403	Bearing [Ku]	1
▲	4	9004404	Seal, Mechanical Assy [Ku]	1
▲	5	9004405	Impeller, Pump, Water [Ku]	1
▲	6	361440	Fitting, Pipe, Water [Ku]	1
▲	7	70920	Gasket, Pump, Water [Ku]	1
	8	9004406	Bolt [Ku]	4
	9	9004407	Bolt [Ku]	2
	10	9003868	Pipe, Water [Kubota]	1
	11	9003869	Pipe, Water [Kubota]	1
	12	9003870	Clamp [Kubota]	2
	13	55847	Sheave, Fan [Ku]	1
	14	393588	Bolt, Flng	4

Fig. 6 – Main Bearing Case Group



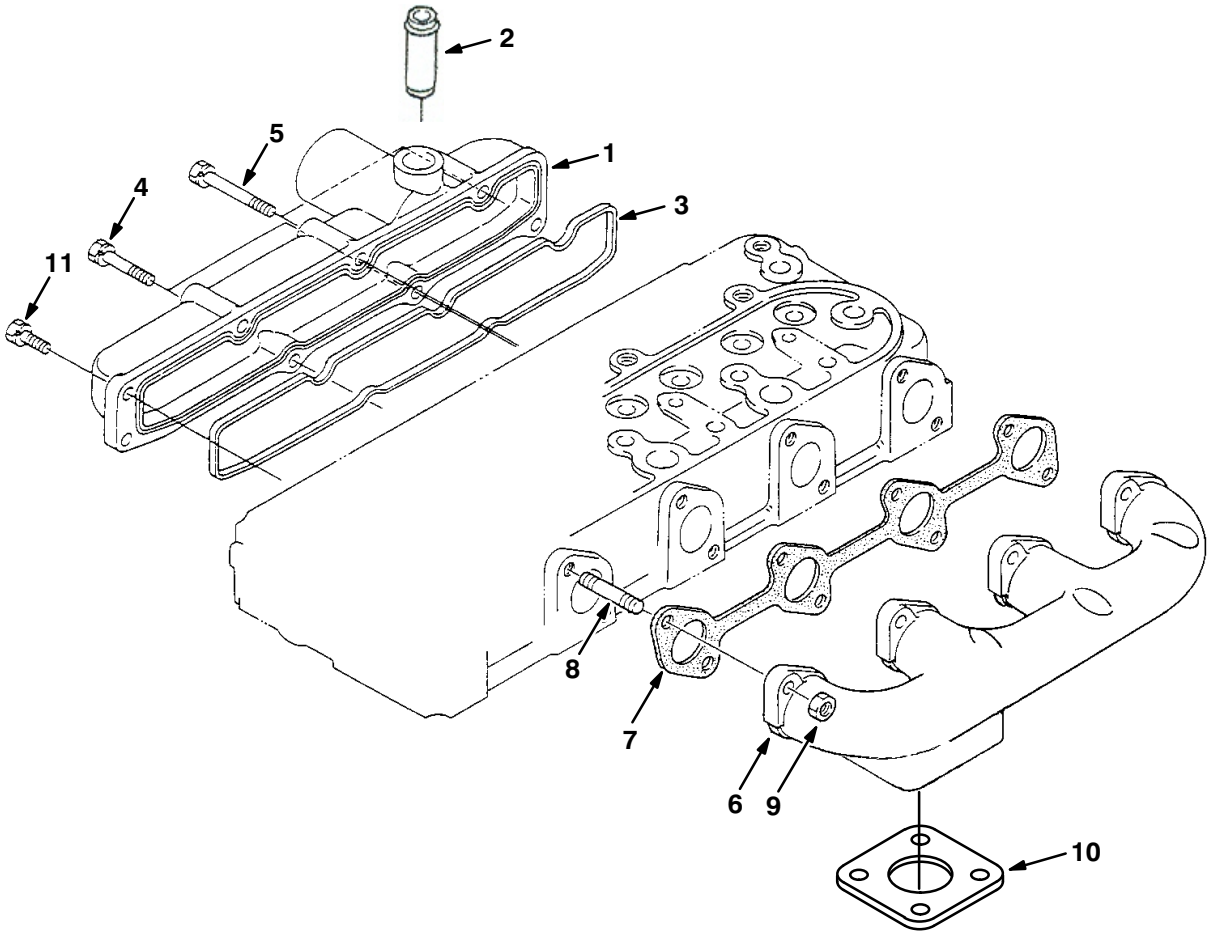
	Ref.	Part No.	Description	Qty.
▽	1	9004349	Bearing, Case [Ku]	1
▲	2	9004436	Crankshaft, Metal [Ku]	1
▲	3	72998	Screw, Hex, Case, Brg, Main [Ku]	2
	4	9004350	Gasket, Bearing, Case [Ku]	1
	5	70923	Cover, Brg Case, Eng [Ku]	1
	6	70924	Seal, Oil, Rear [Ku]	1
	7	70925	Gasket, Case, Gear [Ku]	1
	8	384871	Bolt	8
	9	371017	Bolt	9
▽	10	9004437	Case, Main, Brg Assy	1
▲	11	70948	Bearing, Cshft, Std [Ku]	1
▲	12	72998	Screw, Hex, Case, Brg, Main [Ku]	2
	13	73479	Screw, Hex, Case, Brg, Main [Ku]	3
▽	14	9004438	Case, Main, Brg Assy	1
▲	15	70948	Bearing, Cshft, Std [Ku]	1
▲	16	72998	Screw, Hex, Case, Brg, Main [Ku]	2
▽	17	9004439	Case, Main, Brg Assy	1
▲	18	70948	Bearing, Cshft, Std [Ku]	1
▲	19	72998	Screw, Hex, Case, Brg, Main [Ku]	2

Fig. 7 – Head Cover Group



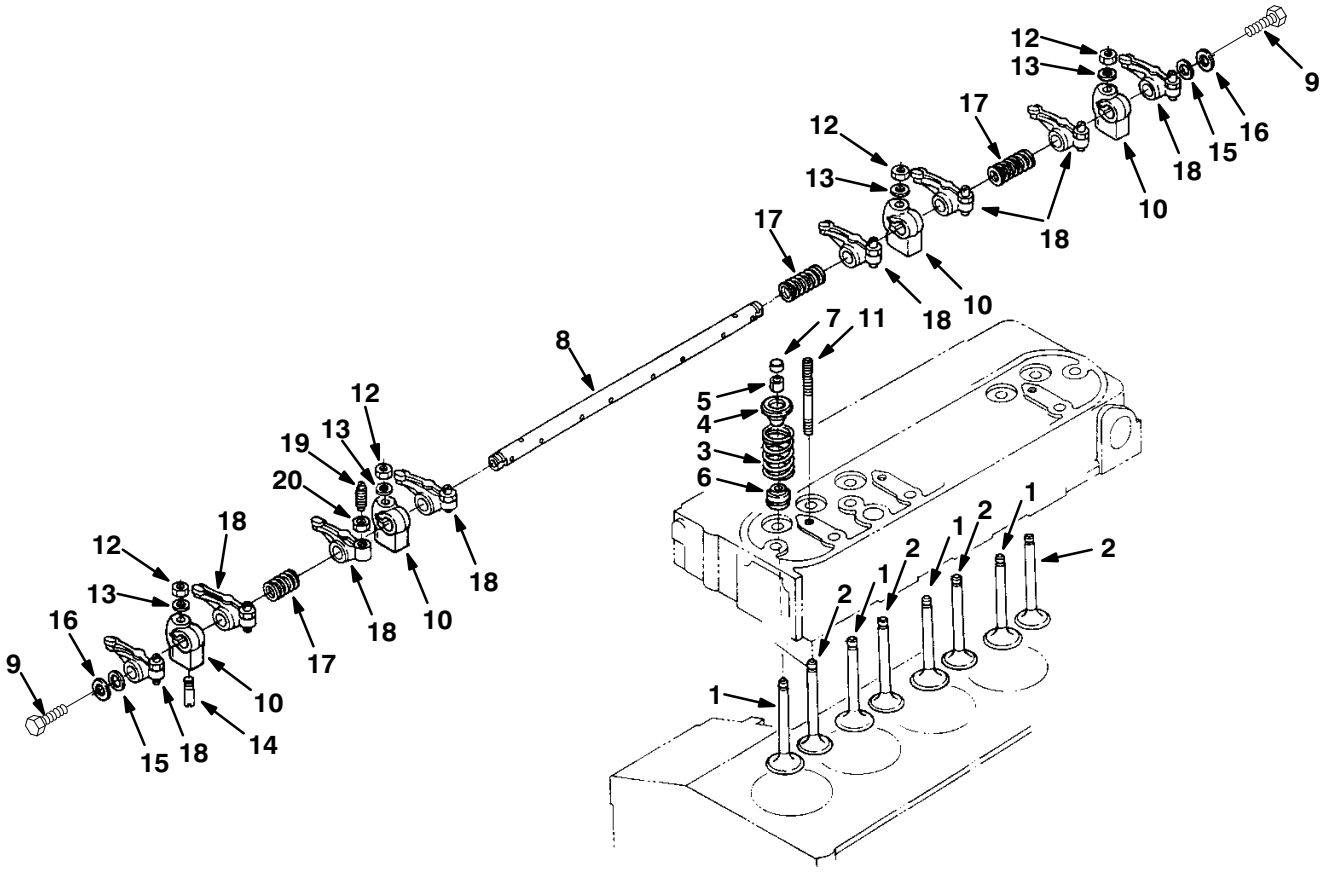
	Ref.	Part No.	Description	Qty.
▽	1	9004433	Cover, Cyl Head Assy [Ku]	1
▲	2	70929	Gasket, Cover, Head, Cyl [Ku]	1
▲	3	372912	Shield, Breather	1
▲	4	372928	Valve, Breather, Complt	1
▲	5	384874	Cover, Breather	1
▲	6	73482	Screw, Hex, W/ Washer [Ku]	4
▲	7	30125	Pipe, Water	1
	8	372913	Tube, Breather	1
	9	372901	Clamp, Hose	1
	10	372904	Clamp, Hose	1
	11	73483	Nut, Hex, Cap	4
	12	73484	Gasket, F/ Bolt [Ku]	4
	13	361374	Cap, Filler, Oil [Ku]	1
	14	70913	Seal, Org	1

Fig. 8 – Manifold Group



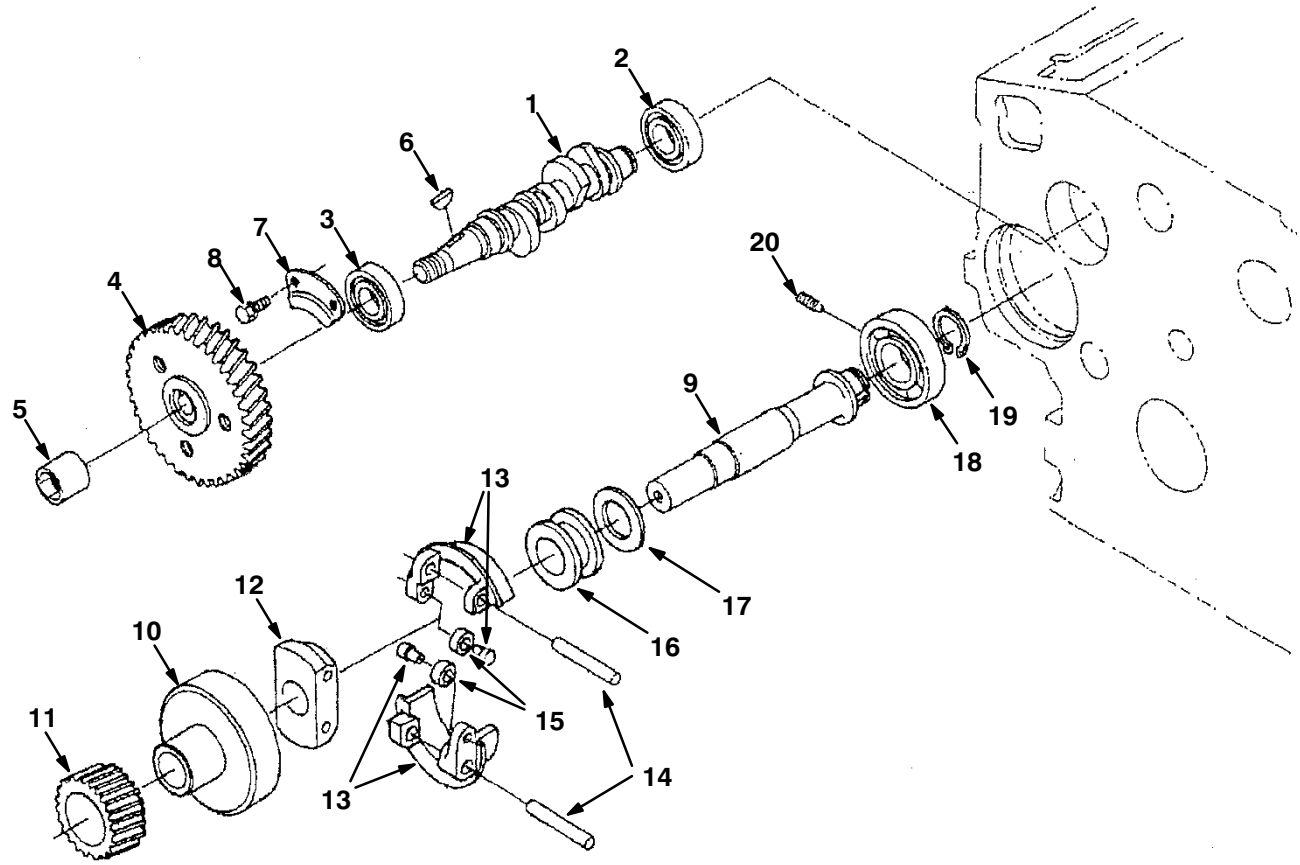
	Ref.	Part No.	Description	Qty.
▽	1	372905	Manifold Assy, Inlet	1
▲	2	73481	Pipe, Breather [Ku]	1
▲	3	70934	Gasket, Manifold, Intake [Ku]	1
	4	9004406	Bolt [Ku]	2
	5	72994	Bolt	3
	6	73487	Manifold, Exhaust [Ku]	1
	7	70935	Gasket, Manifold, Exhaust	1
	8	73488	Stud [Ku]	8
	9	73489	Nut	8
	10	51332	Gasket [Ku]	1
	11	40409	Screw, Hex [Ku]	3

Fig. 9 – Valve, Rocker Arm Group



	Ref.	Part No.	Description	Qty.
	1	70936	Valve, Intake [Ku]	4
	2	70937	Valve, Exhaust [Ku]	4
	3	73491	Spring, Valve [Ku]	8
	4	73492	Retainer, Spring, Valve [Ku]	8
	5	73493	Retainer, Spring [Ku]	8
	6	73494	Seal, Stem, Valve [Ku]	8
	7	361392	Cap, Valve [Ku]	8
	8	9004409	Shaft, Rocker, Arm [Ku]	1
	9	393598	Bolt	2
	10	73497	Bracket, Mtg, Rocker Arm [Ku]	4
	11	73498	Stud [Ku]	4
	12	73499	Nut, Hex [Ku]	4
	13	73500	Washer, Flat [Ku]	4
	14	9004410	Pin, Spring [Ku]	1
	15	73502	Washer, Shaft, Rocker [Ku]	2
	16	361589	Washer, Flat [Ku]	2
	17	73504	Spring, Cmpr, Rocker [Ku]	3
▽	18	73506	Arm, Rocker [Ku]	8
▲	19	73507	Screw, Adj, Rocker Arm [Ku]	8
▲	20	73508	Nut, Hex [Ku]	8

Fig. 10 – Fuel Camshaft Group



	Ref.	Part No.	Description	Qty.
	1	84636	Camshaft	1
	2	9004368	Bearing, Ball [Ku]	1
	3	9004369	Bearing, Ball [Ku]	1
	4	9004445	Gear, Injection, Pump [Ku]	1
	5	73593	Nut, Cap, Cam [Ku]	1
	6	73594	Key, Woodruff [Ku]	1
	7	73596	Stopper, Fuel [Ku]	1
	8	41973	Bolt, Hex [Ku]	2
▽		73597	Shaft, Govnr	1
▲	9	9004371	Shaft, Governor [Ku]	1
▲	10	73598	Holder, Gear [Ku]	1
▲	11	73599	Gear, Govnr [Ku]	1
▲	12	73600	Holder, Govnr [Ku]	1
▲	13	73601	Weight, Comp, Govnr [Ku]	2
▲	14	73602	Shaft, Govnr [Ku]	2
▲	15	9004372	Shaft, Governor, Weight [Ku]	2
▲	16	70977	Sleeve, Govnr [Ku]	1
▲	17	70978	Washer, Thrust [Ku]	1
	18	9004373	Bearing, Ball [Ku]	1
	19	73603	Ring, Snap [Ku]	1
	20	73604	Screw, Set [Ku]	1

Fig. 11 – Camshaft Group

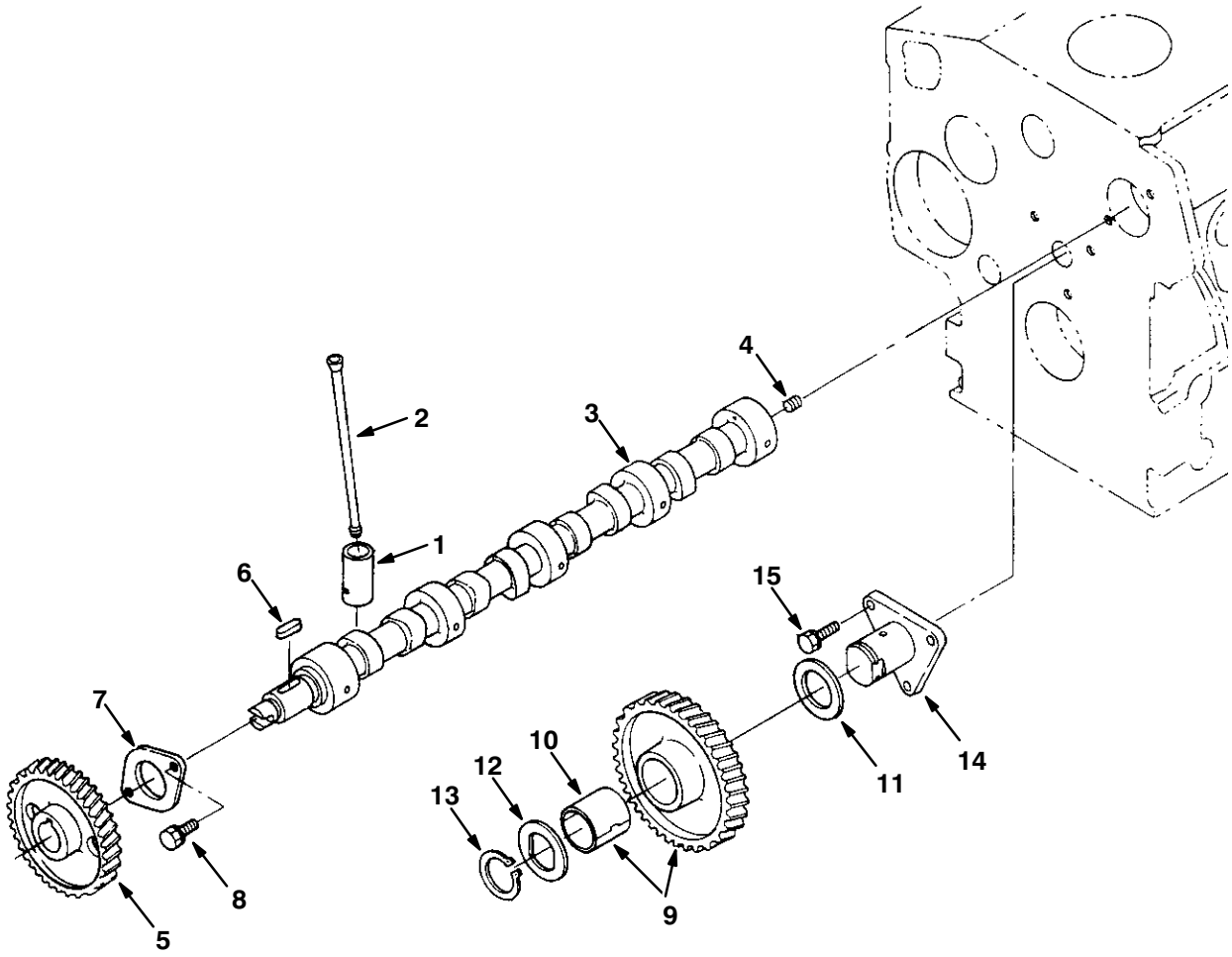


Fig. 11 – Camshaft Group

	Ref.	Part No.	Description	Qty.
	1	12895	Tappet [Ku]	8
	2	73509	Rod, Push, Valve [Ku]	8
▽	3	9004440	Crankshaft Assy	1
▲	4	39197	Screw, Set [Ku]	1
▲	5	73511	Gear, Camshaft [Ku]	1
▲	6	73512	Key [Ku]	1
▲	7	73513	Stopper, Cam [Ku]	1
▲	8	41973	Bolt, Hex [Ku]	2
▽	9	73514	Gear, Idler, Cam [Ku]	1
▲	10	73515	Bushing, Gear, Idler [Ku]	1
	11	73516	Collar, Gear [Ku]	1
	12	73517	Washer, Collar, Gear [Ku]	1
	13	73518	Ring, Snap [Ku]	1
	14	73519	Shaft, Idler, Gear [Ku]	1
	15	41973	Bolt, Hex [Ku]	3

Fig. 12 – Piston and Crankshaft Group

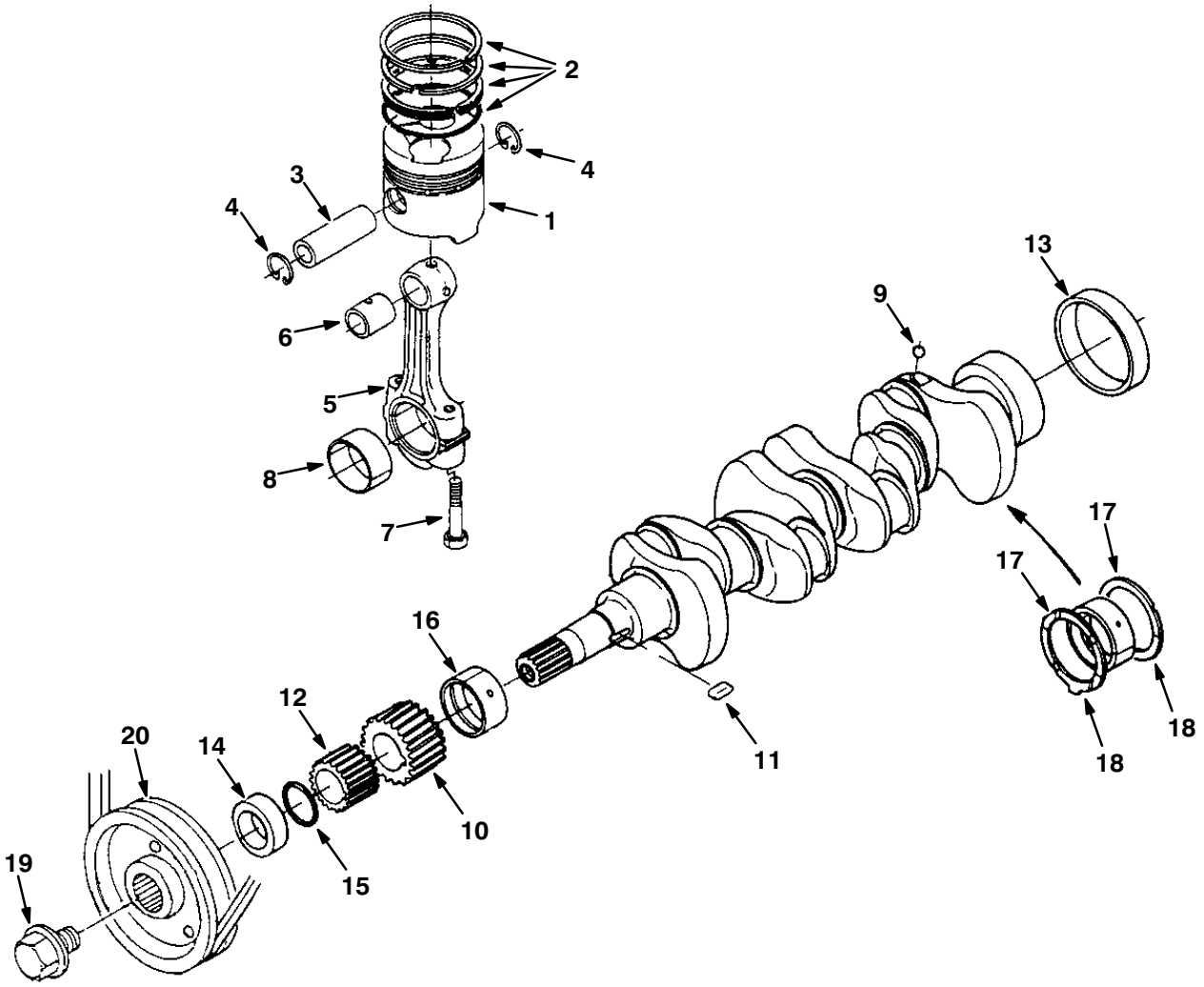
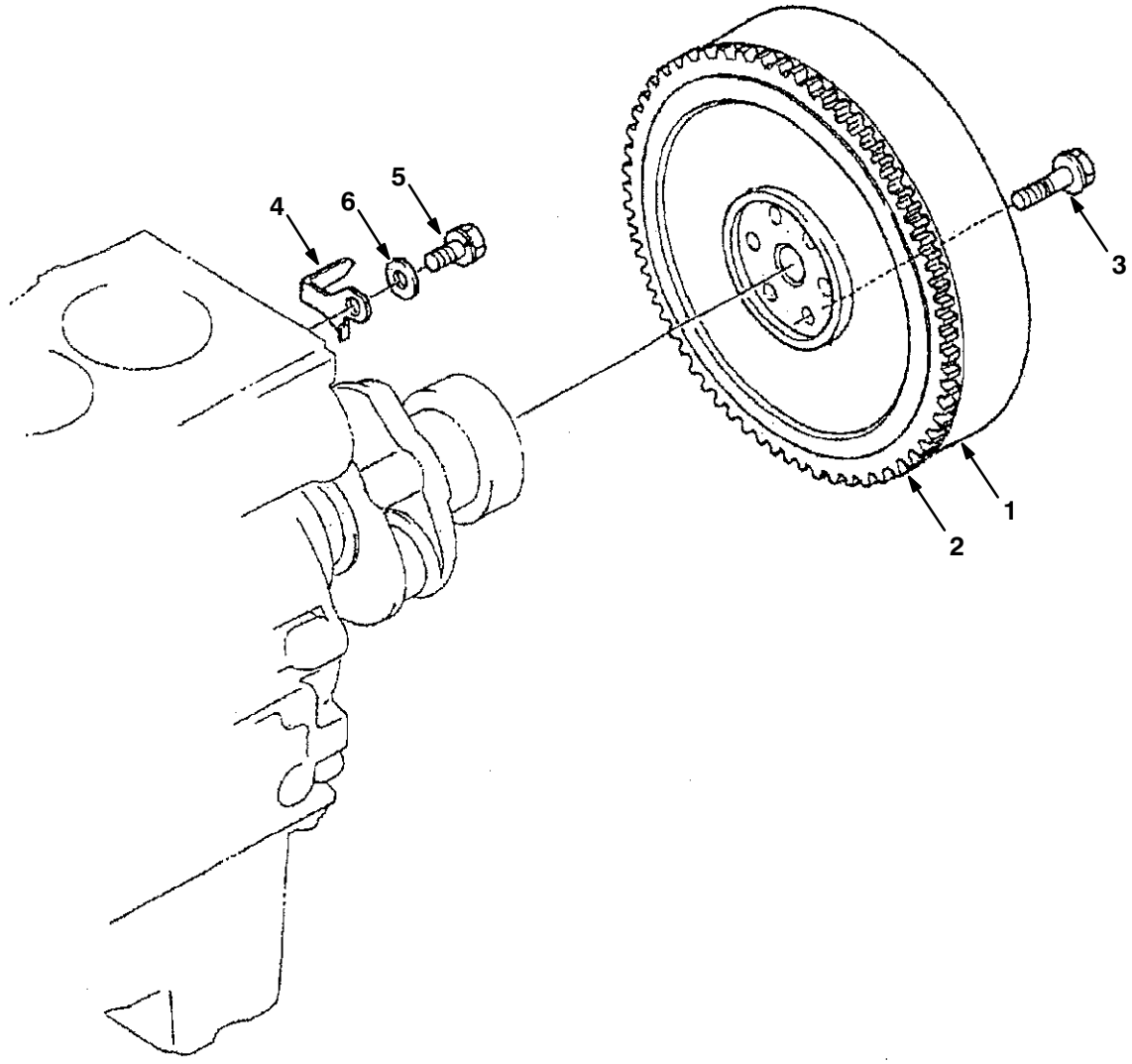


Fig. 12 – Piston and Crankshaft Group

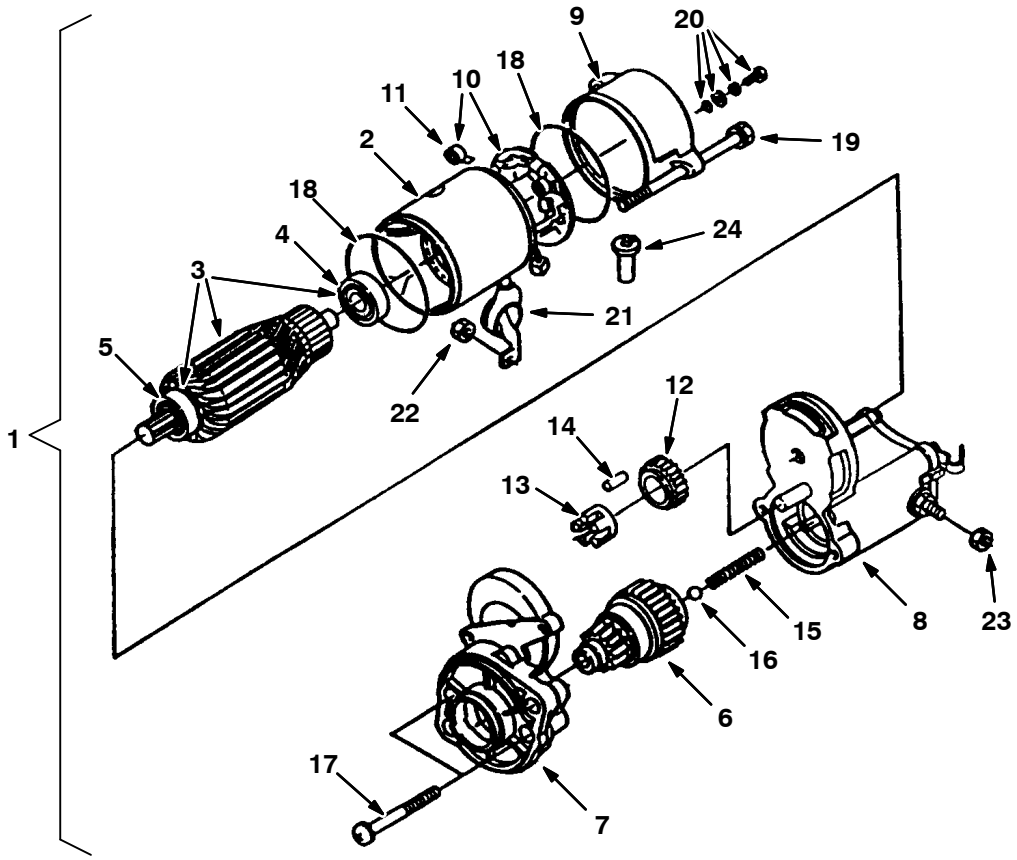
	Ref.	Part No.	Description	Qty.
	1	73520	Piston, Eng [Ku]	4
	1	73521	Piston, Eng [Ku]	4
	2	9004361	Ring, Piston Assy [Ku]	4
	2	9004441	Piston, Ring Assy [Ku]	4
	3	73522	Pin, Piston [Ku]	4
	4	73523	Ring, Snap, Piston [Ku]	8
▽	5	73524	Rod Assy, Connecting [Ku]	4
▲	6	361395	Bushing, Pin, Piston [Ku]16241–21351	4
▲	7	73525	Screw, Rod, Connecting [Ku]	8
▲	8	70941	Bearing, Rod, Connecting, Std [Ku]	4
▲	8	66204	Bearing, Rod, Connecting [–.2mm, Ku]	4
▲	8	66207	Bearing, Rod, Connecting [–.4mm, Ku]	4
▽		73526	Crankshaft	1
▲	9	73527	Ball, Cshft [Ku]	4
▲	10	73528	Gear, Cshft [Ku]	1
▲	11	73529	Key [Ku]	1
▲	12	73530	Gear, Pump, Oil [Ku]	1
▲	13	70942	Bearing, Cshft [Ku]	1
	14	70943	Collar, Crank, Front [Ku]	1
	15	9004363	Ring [Ku]	1
	16	70945	Bearing, Cshft, Std [Ku]	1
	16	70946	Bearing, Cshft, –.2mm [Ku]	1
	16	70947	Bearing, Cshft [Ku]	1
	17	10844	Bearing, Thrust, Std [Ku]	2
	17	70954	Bearing, Thrust [Ku]	2
	17	70955	Bearing, Thrust [–.4mm, Ku]	2
	18	10845	Bearing, Thrust, Std [Ku]	2
	19	73532	Screw, Hex, Cshft [Ku]	2
	20	393400	Sheave, Cshft [Ku]	2

Fig. 13 – Flywheel Group



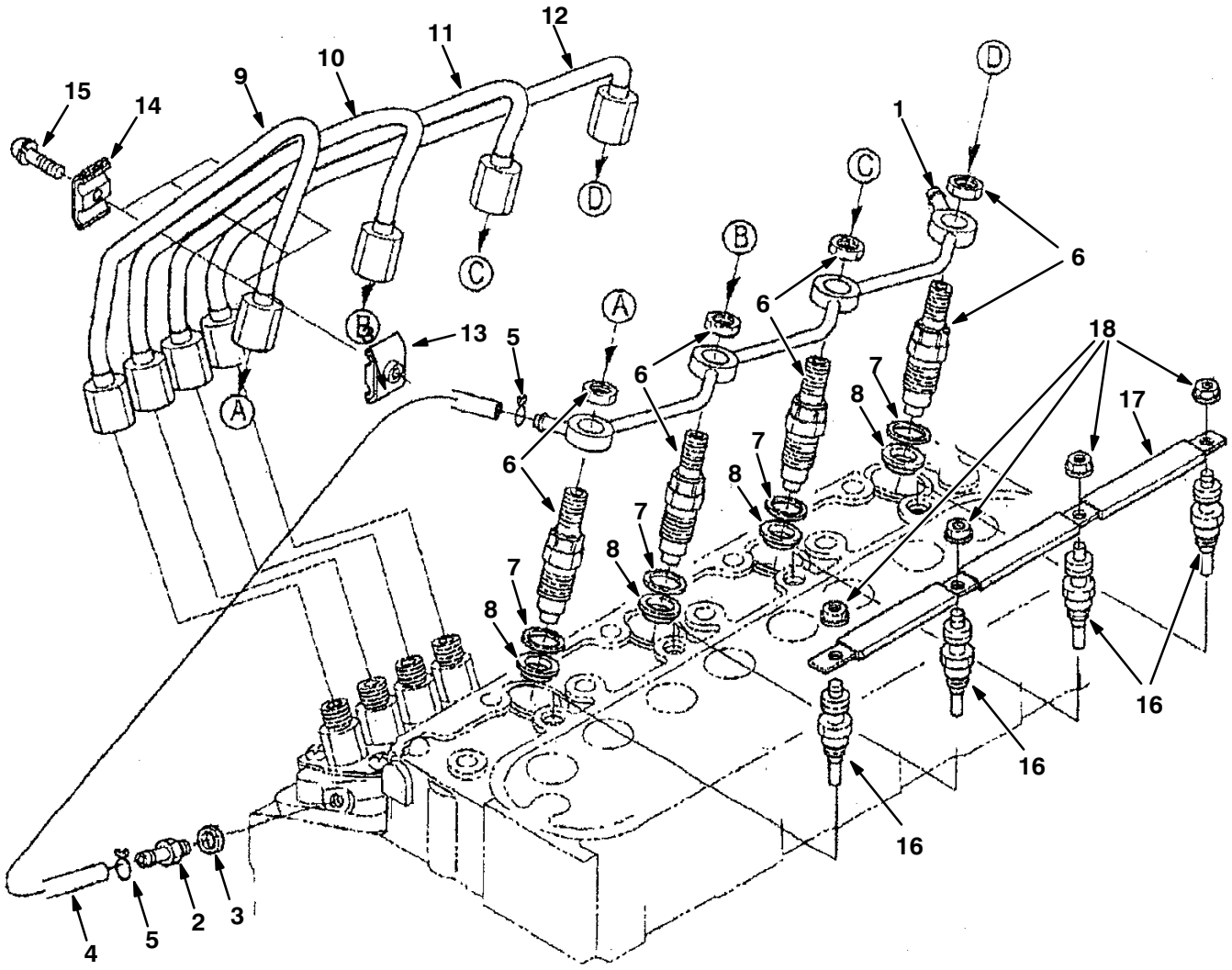
	Ref.	Part No.	Description	Qty.
▽	1	70956	Flywheel	1
▲	2	9004442	Gear, Ring [Ku]	1
	3	73533	Screw, Hex, Flywheel [Ku]	6
	4	9003891	Indicator, Timing [Ku]	1
	5	9004443	Bolt [Ku]	1
	6	9004444	Washer, Plain [Ku]	1

Fig. 14 – Starter Breakdown, 74405



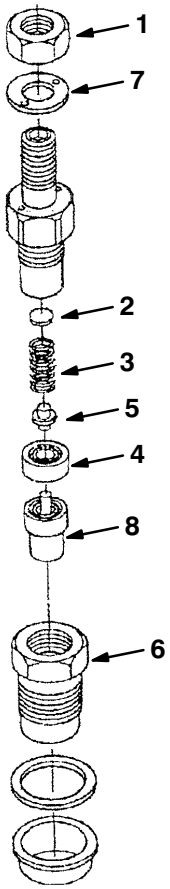
	Ref.	Part No.	Description	Qty.
▽	1	74405	Starter, 12vdc [Kubota]	1
▲	2	70196	Yoke	1
▲▽	3	70197	Armature, Motor [Ku]	1
▲▲	4	70198	Bearing	1
▲▲	5	70199	Bearing	1
▲	6	70200	Clutch	1
▲	7	70201	Frame, End, Drive	1
▲	8	70202	Switch, Magneto [Ku]	1
▲	9	70203	Frame, End	1
▲▽	10	70204	Brushholder	1
▲▲	11	70205	Spring, Brush	4
▲	12	70206	Gear	1
▲	13	70207	Retainer	1
▲	14	73545	Retainer, Gear, Starter [Ku]	5
▲	15	70208	Spring	1
▲	16	73547	Spring, Ext [Ku]	1
▲	17	70209	Bolt	2
▲	18	20433	Seal, Org	2
▲	19	70210	Bolt	2
▲	20	20432	Bolt	2
▲	21	70211	Cover	1
▲	22	73551	Nut, Hex [Ku]	1
▲	23	70212	Nut	1
▲	24	70213	Tube, Drain, Starter	1

Fig. 15 – Nozzle Holder and Glow Plug Group



	Ref.	Part No.	Description	Qty.
	1	73554	Pipe, Overflow	1
	2	73555	Fitting, Fuel [Ku]	1
	3	40166	Gasket, F/ Bolt [Ku]	1
▽		361373	Hose, Fuel [Ku]	1
▲	4	9004389	Pipe, Fuel, Overflow [Ku]	2
▲	5	9004390	Pipe, Clip [Ku]	4
▽	6	372917	Housing Assy, Nozzle	1
▲	7	9004450	Gasket [Ku]	1
▲	8	9004451	Seal, Heat [Ku]	1
	9	70965	Tube, Injector, Pipe #1 [Ku]	1
	10	70966	Tube, Injector, Pipe #2 [Ku]	1
	11	70967	Tube, Injector, Pipe #32 [Ku]	1
	12	70968	Pipe, Injector, # 4	3
	13	30131	Clamp, Tube, Inj, Pipe #1 [Ku]	3
	14	39507	Clamp, Pipe	4
	15	393566	Screw, W / Washer	1
	16	84638	Glowplug [Ku]	3
	17	73560	Cord, Ele, Glowplug	3
	18	9004393	Nut, Flange [Ku]	3

Fig. 16 – Nozzle Holder Breakdown



	Ref.	Part No.	Description	Qty.
▽		372917	Housing Assy, Nozzle	4
▲	1	9004395	Nut [Ku]	1
▲	2	9004396	Washer, Adjusting [Ku]	1
▲	3	9004397	Nozzle, Spring [Ku]	1
▲	4	388500	Spacer [Ku]	1
▲	5	9004398	Rod, Push [Ku]	1
	6	9004399	Nut, Nozzle [Ku]	1
	7	9004400	Washer, Plain [Ku]	1
	8	9004401	Nozzle [Ku]	1

Fig. 17 – Injection Pump Group

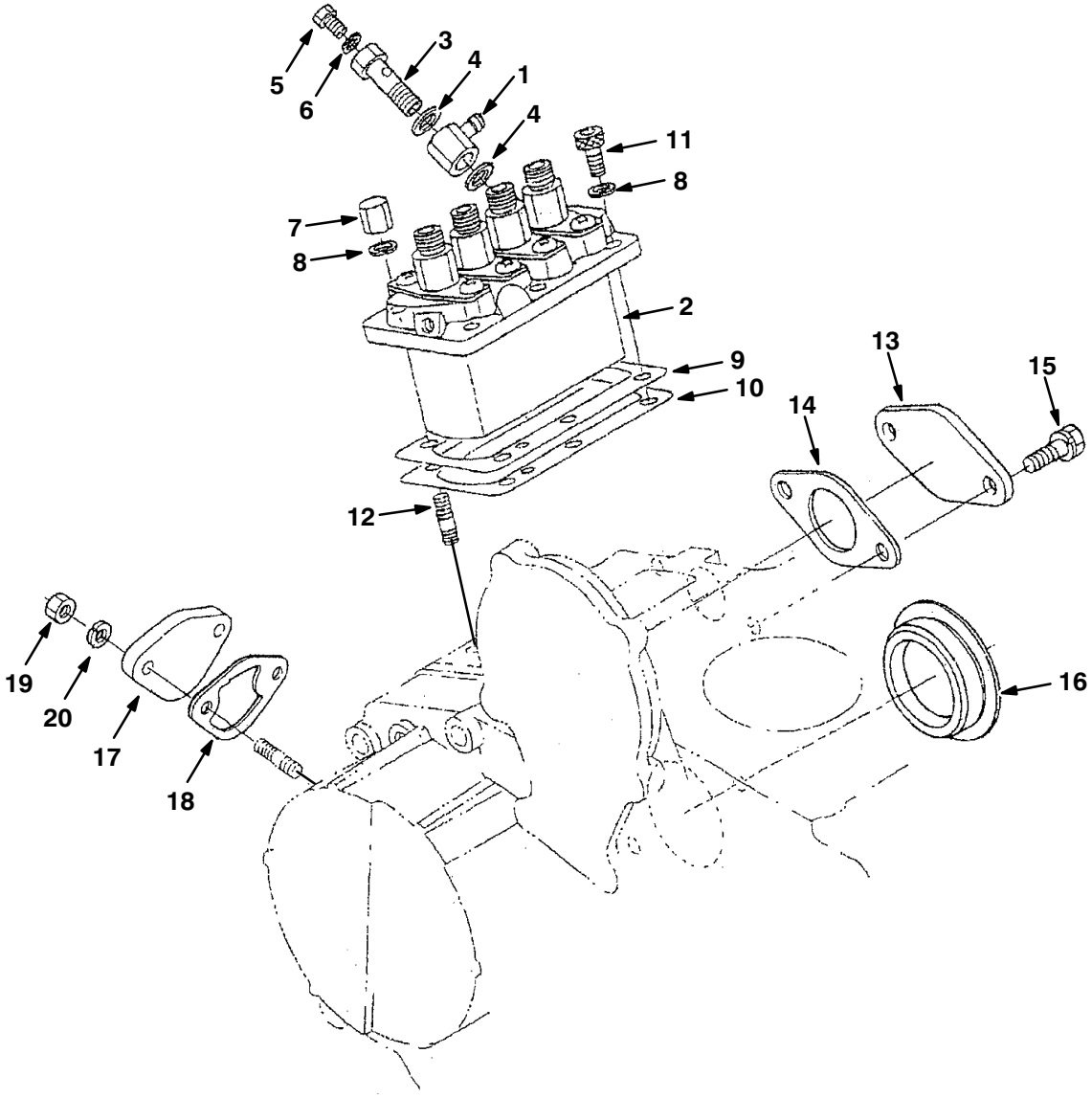


Fig. 17 – Injection Pump Group

	Ref.	Part No.	Description	Qty.
	1	9004376	Eye, Joint [Ku]	1
▽	2	84635	Pump, Injection [Kubo]	1
▲	3	84651	Follower, Screw, Pump, Injection[Ku]	1
▲	4	73588	Gasket, Ftg, Banjo [Ku]	2
▲	5	73589	Screw, Hex [Ku]	1
▲	6	73590	Gasket, F/ Screw [Ku]	1
	7	73563	Nut [Ku]	3
	8	39065	Washer, Lock, Split [Ku]	6
	9	70972	Shim	1
	9	70973	Shim	1
	10	84644	Shim, Pump, Injection	1
	11	73561	Bolt [Ku]	3
	12	73562	Stud [Ku]	3
	13	9004454	Cover, Solenoid [Ku]	1
	14	70165	Gasket, Solenoid, Throttle [Ku]	1
	15	39160	Bolt, Hex [Ku]	2
	16	70188	Cover, Hole, Pump [Ku]	1
	17	73565	Cover, Hole, Pump, Fuel [Ku]	1
	18	70974	Gasket, Pump, Fuel [Ku]	1
	19	39121	Nut, Hex [Ku]	2
	20	39065	Washer, Lock, Split [Ku]	2

Fig. 18 – Injection Pump Breakdown

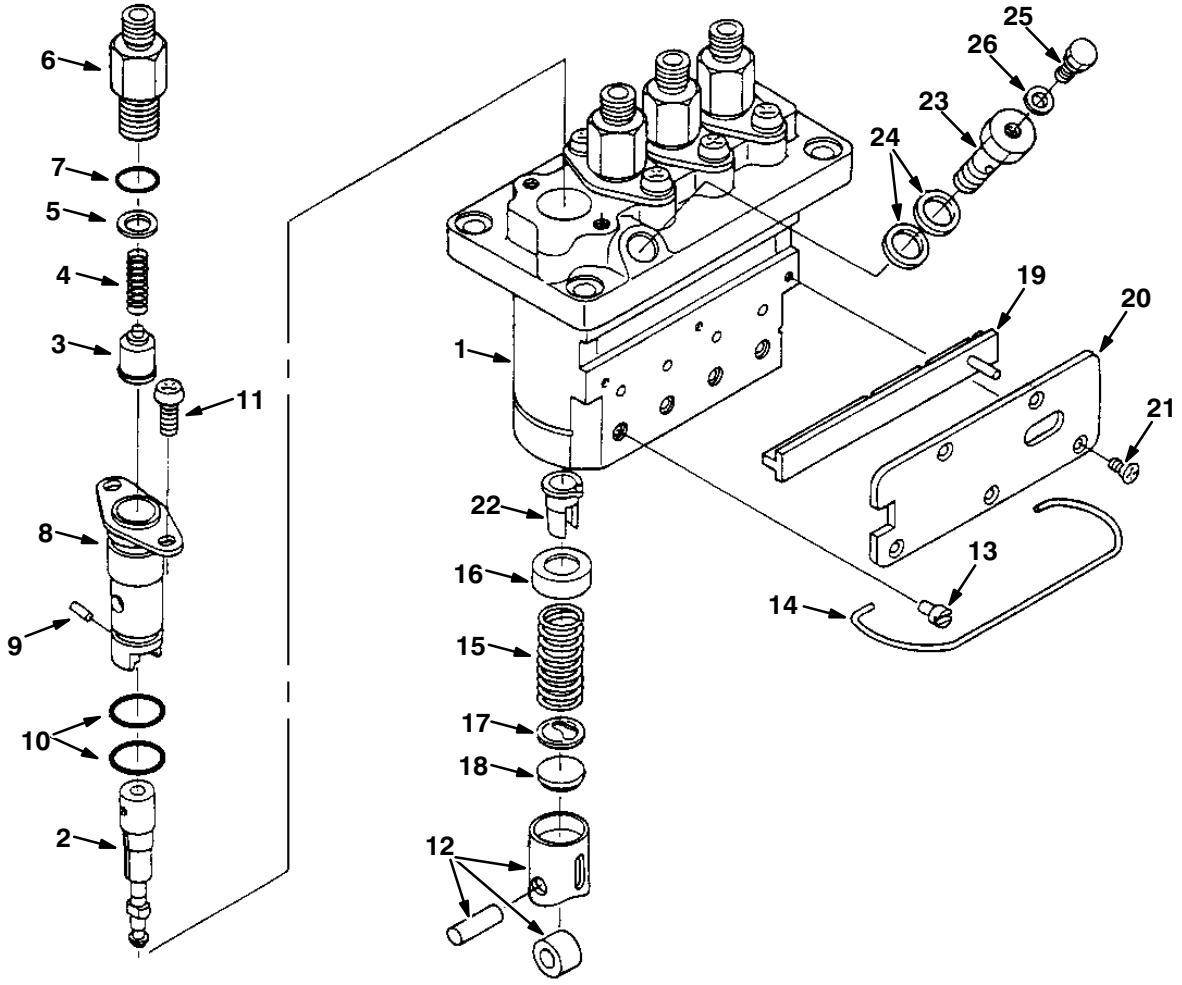
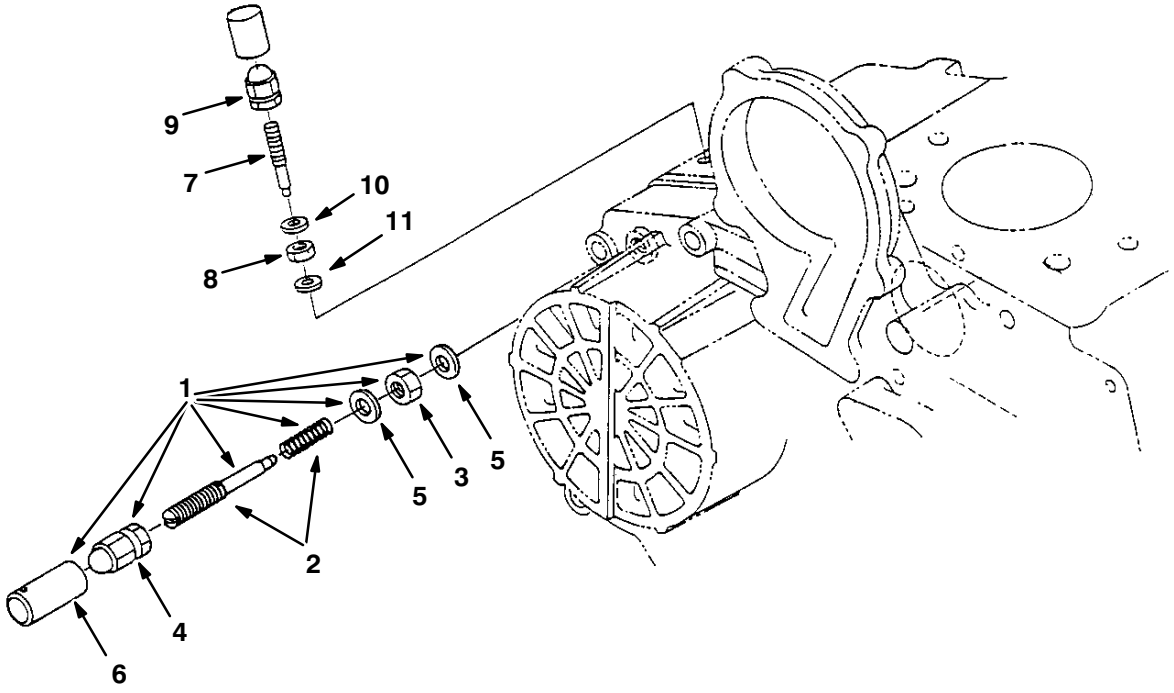


Fig. 18 – Injection Pump Breakdown

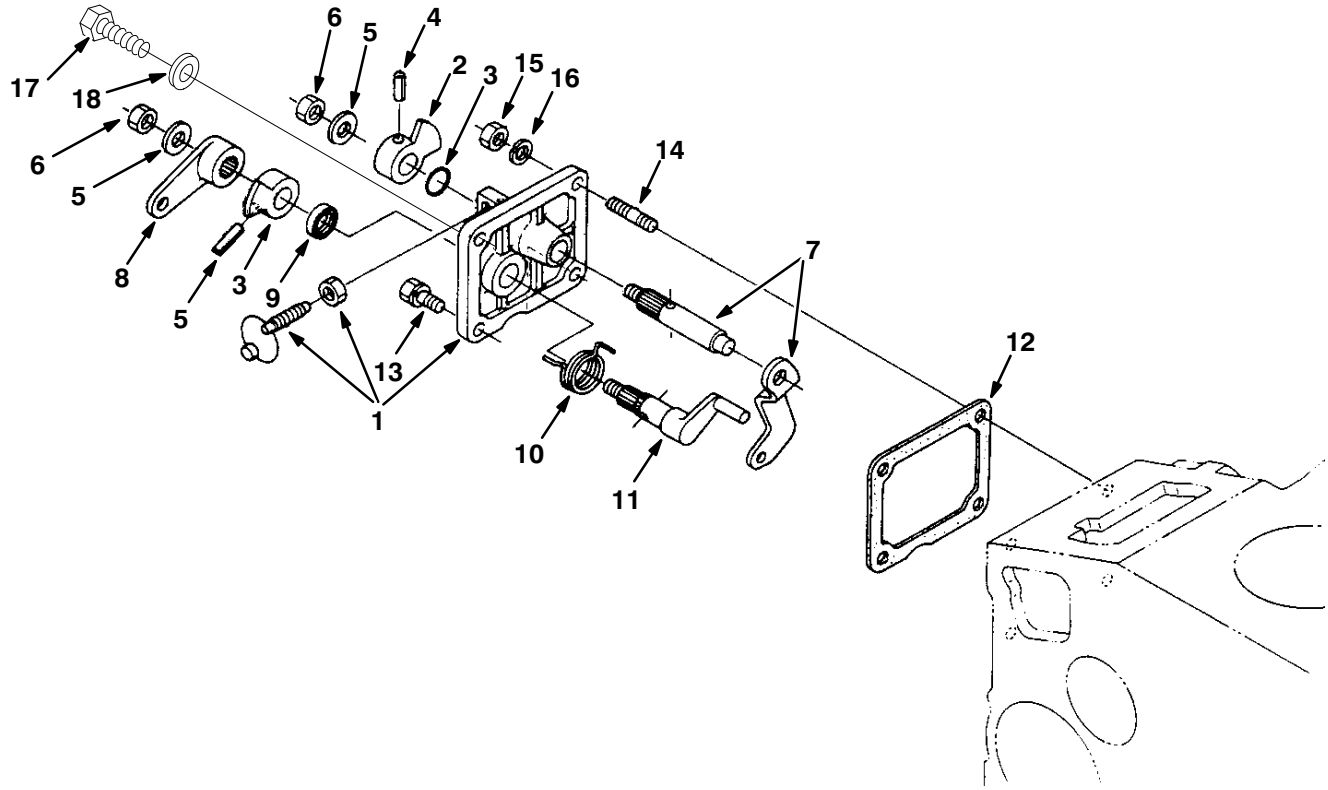
	Ref.	Part No.	Description	Qty.
▽	1	84635	Pump, Injection [Kubo]	1
▲	2	84648	Plunger, Pump, Inj [Ku]	4
▲	3	73567	Valve, Eng [Delivery, Ku]	4
▲	4	73568	Spring, Cmpr, Valve, Injector [Ku]	4
▲	5	73569	Gasket, Valve, Injector [Ku]	4
▲	6	73570	Holder, Valve, Inj [Ku]	4
▲	7	73571	Seal, Org [Ku]	4
▲	8	73572	Flange, Sleeve [Ku]	4
▲	9	73573	Pin, Joint, Inj [Ku]	4
▲	10	73574	Seal, Org [Ku]	8
▲	11	73575	Screw, Hex [Ku]	8
▲	12	73576	Tappet, Pump, Injection [Ku]	4
▲	13	73577	Pin, Tappet [Ku]	4
▲	14	73578	Pin, Clamp	1
▲	15	73579	Spring, Cmpr, Plunger [Ku]	4
▲	16	73580	Seat, Spring, Upper, Injector [Ku]	4
▲	17	73581	Seat, Spring, Lower, Injector [Ku]	4
▲	18	73582	Shim, Tappet, Injection [Ku]	1
▲	19	84649	Control, Fuel	1
▲	20	84650	Plate	1
▲	21	73585	Screw, Pump, Injection [Ku]	5
▲	22	73586	Sleeve, Cntrl, Pump, Injection [Ku]	4
▲	23	84651	Follower, Screw, Pump, Injection[Ku]	1
▲	24	73588	Gasket, Ftg, Banjo [Ku]	2
▲	25	73589	Screw, Hex [Ku]	1
▲	26	73590	Gasket, F/ Screw [Ku]	1

Fig. 19 – Idling Group



	Ref.	Part No.	Description	Qty.
▽	1	9004446	Idling, Apparatus [Ku]	1
▲	2	9004447	Bolt, Adjustment Assy [Ku]	1
▲	3	73606	Nut, Hex [Ku]	1
▲	4	361375	Nut, Cap [Ku]	1
▲	5	40166	Gasket, F/ Bolt [Ku]	2
▲	6	30136	Cap, Screw, Idler [Ku]	1
	7	73610	Screw, Adj, Stop [Ku]	1
	8	9004374	Nut, Lock [Ku]	1
	9	361375	Nut, Cap [Ku]	1
	10	40166	Gasket, F/ Bolt [Ku]	2
	11	9004375	Gasket [Ku]	1

Fig. 20 – Speed Control Plate Group



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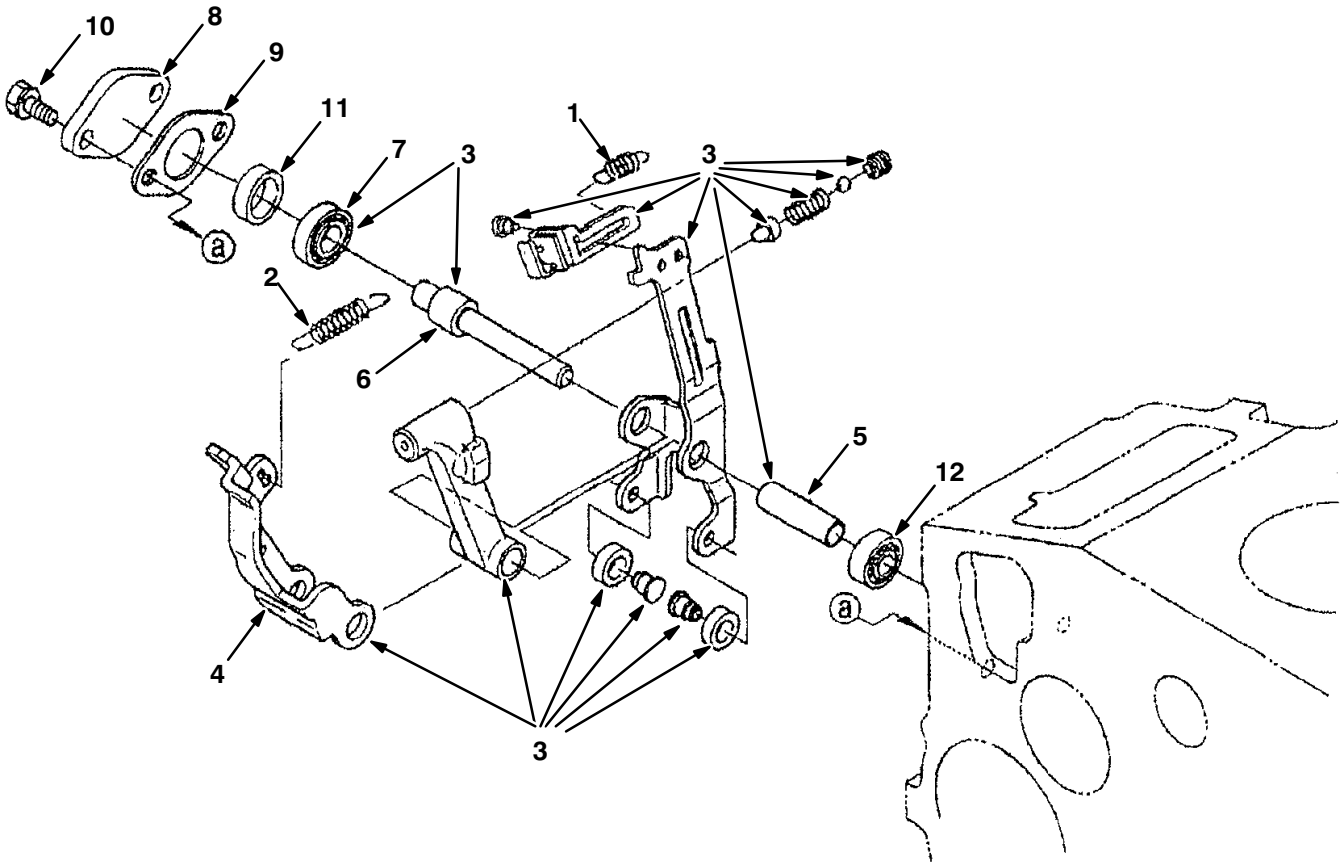
	Ref.	Part No.	Description	Qty.
▽	1	70982	Plate, Cntrl, Spd [Ku]	1
▲	2	73619	Lever, Cntrl, Spd [Ku]	2
▲	3	9004385	O–Ring [Ku]	1
▲	4	40407	Pin, Spring [Ku]	2
▲	5	73621	Washer, Flat [Ku]	2
▲	6	73622	Nut, Hex [Ku]	2
▲	7	73623	Lever, Plate, Cntrl [Ku]	1
▲	8	73624	Lever, Stop [Ku]	1
▲	9	70983	Seal, Oil [Ku]	1
▲	10	73625	Spring, Tors [Ku]	1
▲	11	73626	Shaft, Lever, Spd [Ku]	1
	12	70984	Gasket, Cover, Spd [Ku]	1
	13	41973	Bolt, Hex [Ku]	2
	14	9004347	Stud [Ku]	2
	15	39121	Nut, Hex [Ku]	2
	16	39065	Washer, Lock, Split [Ku]	2
	17	9004449	Bolt [Ku]	1
	18	40166	Gasket, F/ Bolt [Ku]	1

Fig. 21 – Governor Group



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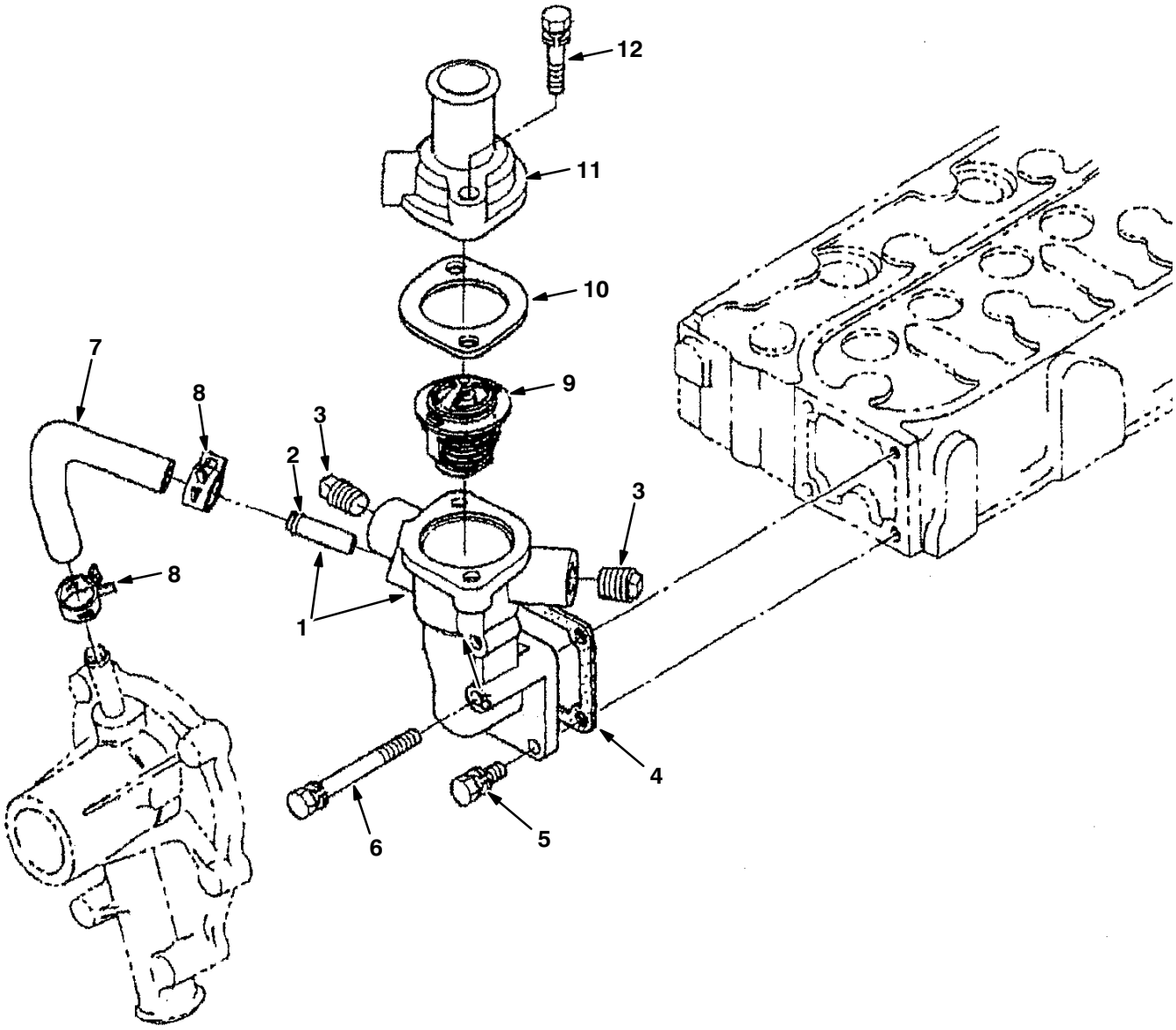
	Ref.	Part No.	Description	Qty.
	1	9004379	Spring, Start [Ku]	1
	2	9004448	Spring, Governor [Ku]	1
▽	3	9004775	Lever Assy, Fork [KU]	1
▲	4	9004381	Lever, Fork [Ku]	1
▲	5	9004382	Lever, Fork, Shaft [Ku]	1
▲	6	9004283	Belt Kit, W/ Installation Tool	1
▲	7	70989	Bearing, Ball [Ku]	1
	8	73631	Cover, Lever, Gov [Ku]	1
	9	361430	Gasket, Cover, Gov [Ku]	1
	10	71995	Screw, Hex [Ku]	2
	11	70991	Collar, Govnr [Ku]	1
	12	70992	Bearing, Ball [Ku]	1

Fig. 22 – Water Flange Group



	Ref.	Part No.	Description	Qty.
▽	1	368090	Flange, Water [Ku]	1
▲	2	384859	Pipe, Water, Return	1
	3	73632	Fitting, Pipe, Plug [Ku]	2
	4	70994	Gasket, Hsg, Thermostat [Ku]	1
	5	41973	Bolt, Hex [Ku]	3
	6	72994	Bolt	1
	7	73633	Hose, Water [Ku]	1
	8	73634	Clamp, Hose, Heater [Ku]	2
	9	10852	Thermostat, 180deg, 1.7d [Ku]	1
	10	10851	Gasket	1
	11	368091	Housing, Thermostat [Ku]	1
	12	40418	Bolt [Ku]	2