

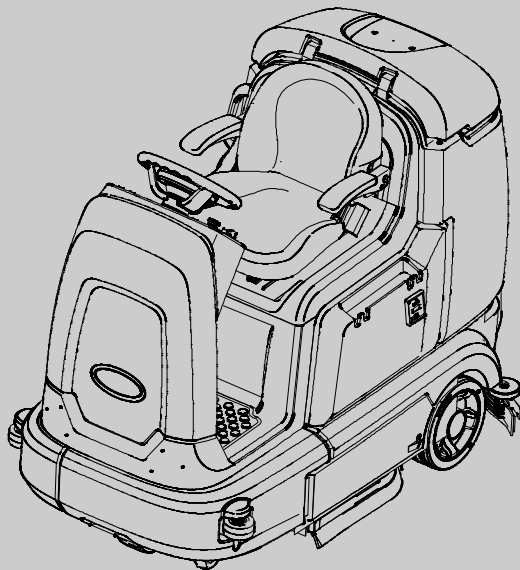
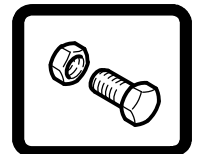


T12

(Battery)

Rider Scrubber Parts Manual

Machine Serial Number Range
(S/N 30000000–39999999)



The Safe Scrubbing Alternative®
TennantTrue® Parts
IRIS® a Tennant Technology
Insta-Fit™ Adapter



North America / International / Japan



For the latest parts manuals and other
language Operator manuals, visit:

www.tennantco.com/manuals

9012729
Rev. 11 (2-2023)



Ref	Part No.	Serial Number	Description	Qty.
	1	82681	(300000000—39999999) Bracket Wldt, Lpg Mount	1
	2	63810	(300000000—39999999) Latch Assy, Lpg Tank Mtg, W/Nut	4
	3	51839	(300000000—39999999) Nut Adjustable, Lpg Tank Mtg	2
	4	49263	(300000000—39999999) Tie, Cable	3
	5	82556	(300000000—30001564) Bracket, Vaporizer	1
	6	54930	(30001565—39999999) Vaporizer, LPG	1

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

Tennant Company
 10400 Clean Street
 Eden Prairie, MN 55344-2650
 Phone: (800) 553-8033
 www.tennantco.com

Tennant Cleaning Systems & Equipment Co., Ltd
 Room 608, Building 5, Lane 928, Shenhong Road
 Shanghai 201106
 People's Republic of China
 Phone: 86 21 6700 8000
 www.tennantco.com

Touch-N-Go, 1-STEP, Grip-N-Go, Dura-Track, SmartRelease, Duramer, Insta-Fit, are trademarks of Tennant Company.

Flow-Rite is a registered trademark of Flow-rite Controls.

Specifications and parts are subject to change without notice.

Copyright © 2013 – 2019, 2022, 2023 TENNANT Company, Printed in China

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。	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 – _____
	(D) ▽ – 确定组件 ▲ – 确定组件中包含的组件	

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 pedido indicando 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.	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 – _____
	(D) ▽ – identifica un conjunto ▲ – identifica piezas de un conjunto	

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

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。	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 – _____
	(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	

GENERAL RECOMMENDED MAINTENANCE

General Recommended Maintenance Items

Ref.	Part No.	Serial Number	Description	Qty.
	1200430	(30000000-39999999)	Blade, Sqge, Side, 22.50l, Linatex	2
	1202159	(30000000-39999999)	Blade, Sqge, Side, 22.50l, Ure	2
	1202160	(30000000-39999999)	Blade, Sqge, Side, 22.50l, Gum	2
	1200383	(30000000-39999999)	Blade, Sqge, Front, 42.59l [Linard]	1
	1200384	(30000000-39999999)	Blade, Sqge, Rear, 44.96l Linatex	1
	1201825	(30000000-39999999)	Blade, Sqge, Front, 42.59l [Gum]	1
	1201823	(30000000-39999999)	Blade, Sqge, Front, 42.59l [Urethane]	1
	1201826	(30000000-39999999)	Blade, Sqge, Rear, 44.96l Gum	1
	1201824	(30000000-39999999)	Blade, Sqge, Rear, 44.96l Urethane	1
	1054100	(30000000-39999999)	Wheel, 04.0d 2.56w 0.41b	2
	363162	(30000000-39999999)	Wheel, 04.0d 0.89w 0.64b	2
	1205850	(30000000-39999999)	Caster Assy, Swivel	2
	222280	(30000000-39999999)	Battery, Wet, 06vdc 0240ah	6
	1070587	(30000000-39999999)	Battery, Wet, 06vdc 0360ah	6
▽	9010935	(30000000-39999999)	Tool, Belt, Cyl Head, Afmkt [T12] (Cylindrical Scrub Head)	1
▲	1200334	(30000000-39999999)	Belt, Drive, 7 Grv	2
▲	1203758	(30000000-39999999)	Tool, Installation, Belt	1
	1201053	(30000000-39999999)	Skirt, Rbr, Front, Disc (Disc Scrub Head)	1
	1201185	(30000000-39999999)	Strip, Skirt, Rear, Disc (Disc Scrub Head)	1
	361144	(30000000-39999999)	Key, Ignition, Sgl	1
	16411	(30000000-39999999)	Off Whites/G Acrylic12.8oz[Acm101-00171]	1
	16412	(30000000-39999999)	Teal Blue S/G Enamel12.8oz[Icm101-70266]	1
	377540	(30000000-39999999)	Paint, Airdry, Blk, 12oz	1
	377538	(30000000-39999999)	Paint, Airdry, Gray, 12oz [Enamel]	1
	377537	(30000000-39999999)	Iron Gray S/G Enamel12.8oz[Icm101-00517]	1

SECTION 2

Contents	Page
Fig. 1 – Replacement Brushes, Scrub Head	2-2
Fig. 2 – Replacement Brushes, Side Brush	2-4
Fig. 3 – Main Frame and Wheels Group	2-6
Fig. 4 – Front Bumper and Side Door Group	2-8
Fig. 5 – Seat Support Group	2-10
Fig. 6 – Seat Group, Standard	2-12
Fig. 7 – Seat Kit, Deluxe	2-14
Fig. 8 – Steering and Instrument Panel Group, T12	2-16
Fig. 9 – Steering and Instrument Panel Group, T12XP	2-18
Fig. 10 – Front Cover and Directional Pedal Group	2-20
Fig. 11 – Scrub Head Lift Group	2-22
Fig. 12 – Scrub Head and Drive Motor Group, Disk	2-24
Fig. 13 – Scrub Head Frame Group, Cylindrical .	2-26
Fig. 14 – Scrub Head Drive Motor Group, Cylindrical	2-28
Fig. 15 – Scrub Head Side Squeegee Group, Right Hand	2-30
Fig. 16 – Scrub Head Side Squeegee Group, Left Hand	2-32
Fig. 17 – Recovery Tank Group	2-34
Fig. 18 – Vacuum Fan Group	2-36
Fig. 19 – Solution Tank Group	2-38
Fig. 20 – Rear Squeegee Lift Group	2-40
Fig. 21 – Rear Squeegee Kit	2-42
Fig. 22 – Electrical Circuit Board Group	2-44
Fig. 23 – Electrical Contactor and Wires Group .	2-46
Fig. 24 – Battery Group, 240Ah	2-48
Fig. 25 – Electrical Schematic Group (S/N 30000000–30077834)	2-50
Fig. 26 – Electrical Schematic Group (S/N 30077835–39999999)	2-54
Fig. 27 – Wire Harnesses Group	2-58
Fig. 28 – Labels Group	2-68

Fig. 1 – Replacement Brushes, Scrub Head

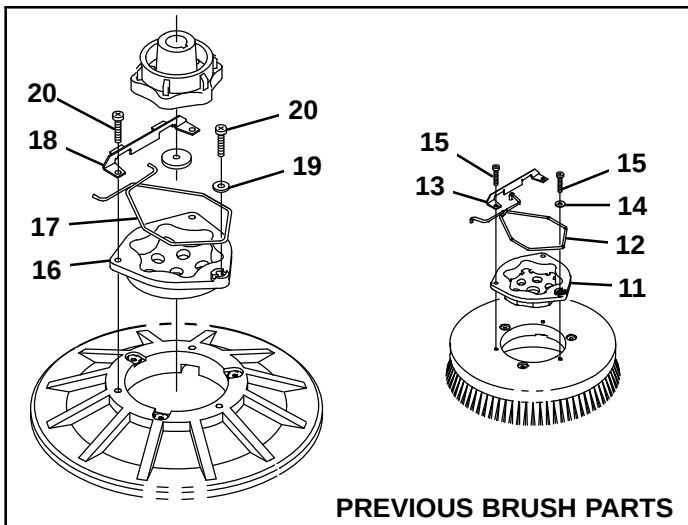
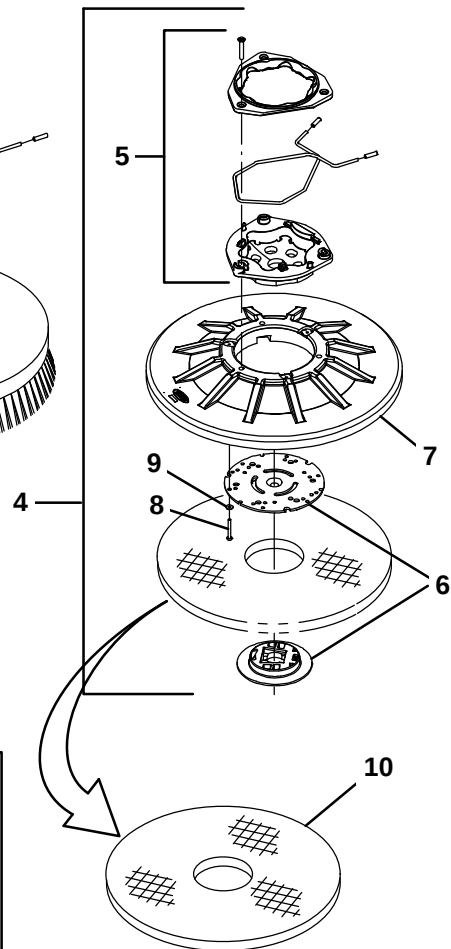
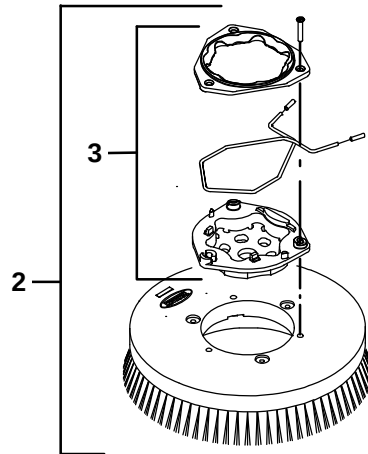
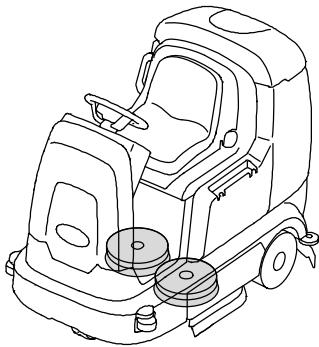
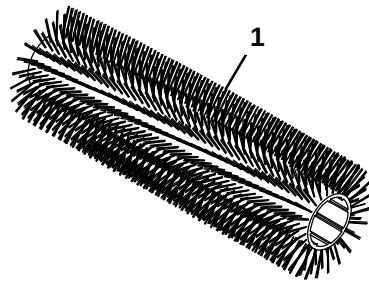
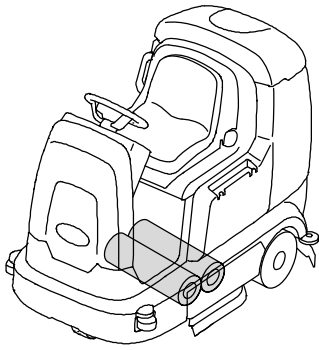


Fig. 1 – Replacement Brushes, Scrub Head

Ref.	Part No.	Serial Number	Description	Qty.	
1	1201572	(30000000–39999999)	Brush, Scb, 31l, 18sr, Polypropylene, Spiral	2	
1	1201926	(30000000–39999999)	Brush, Scb, 31l, 18sr, Heavy Duty Polypropylene, Spiral	2	
	1	1201927	(30000000–39999999)	Brush, Scb, 31l, 18sr, Polyester, Spiral	2
	1	1201928	(30000000–39999999)	Brush, Scb, 31l, 18sr, Super Abrasive, Spiral	2
▽	2	1220235	(30000000–39999999)	Brush Assy, Disk, Scrub, 16.0D, Nylon	2
▲	3	9014662	(30000000–39999999)	Brush Kit, Hub Assy, Drive, Ci [Hdpe In]	1
▽	2	1220241	(30000000–39999999)	Brush Assy, Disk, Scrub, 16.0D, Polypropylene	2
▲	3	9014662	(30000000–39999999)	Brush Kit, Hub Assy, Drive, Ci [Hdpe In]	1
▽	2	1221543	(30000000–39999999)	Brush Assy, Disk, Scrub, 16.0D, Super Abrasive	2
▲	3	9014662	(30000000–39999999)	Brush Kit, Hub Assy, Drive, Ci [Hdpe In]	1
▽	2	1220236	(30000000–39999999)	Brush Assy, Disk, Scrub, 16.0D, Heavy Duty Polyproylene	2
▲	3	9014662	(30000000–39999999)	Brush Kit, Hub Assy, Drive, Ci [Hdpe In]	1
▽	4	1220244	(30000000–39999999)	Driver Assy, Pad, 16.0D	2
▲	5	9014666	(30000000–39999999)	Brush Kit, Hub Assy, Drive, Ci [Uhmw]	1
▲	6	370095	(30000000–39999999)	Device, Centering, Clip On, Ti [Gf Pp]	1
▲	7	397976	(30000000–39999999)	Disk, Driver, Pad, W/Face, 16.0D	1
▲	8	09198	(30000000–39999999)	Screw, Pan, Phl, M4 X 0.70 X 35, Ss	3
▲	9	41579	(30000000–39999999)	Washer, Flat, 08, Ss	3
	10	63248-1	(30000000–39999999)	Pad, Stripping, 16.0d, Brown[1pick=1pad]	2
	10	63248-2	(30000000–39999999)	Pad, Scrubbing, 16.0d, Blu [1pick=1pad]	2
	10	63248-3	(30000000–39999999)	Pad, Buff, 16.0d, Red [1pick=1pad]	2
	10	63248-4	(30000000–39999999)	Pad, Polish, 16.0d, White [1pick=1pad]	2
	10	370092	(30000000–39999999)	Pad, Stripping, 16.0d[Hi Prod, Black, 1pick=1pad]	2
	10	1051027	(30000000–39999999)	Pad, Surf Prep, 16.0d [Maroon, 1pick=1pad]	2

Previous Brush Parts

Ref.	Part No.	Serial Number	Description	Qty.
11	1017368	(30000000–39999999)	Hub, Drive, Brush, Disk, 3hole 5.8bc	1
12	14838	(30000000–39999999)	Spring, Wir, 0.16d, Brush Retaining	1
13	24299	(30000000–39999999)	Bracket, Retainer, Spring	1
14	01684	(30000000–39999999)	Washer, Flat, 0.27b 0.69d .05, Ss	1
15	32746	(30000000–39999999)	Screw, Pan, Phl, M6 X 1.00 X 35, Ss	2
16	15539	(30000000–39999999)	Hub, Drive, Brush, Disk, 3hole 5.8bc[6t]	1
17	14838	(30000000–39999999)	Spring, Wir, 0.16d, Brush Retaining	1
18	24299	(30000000–39999999)	Bracket, Retainer, Spring	1
19	01684	(30000000–39999999)	Washer, Flat, 0.27b 0.69d .05, Ss	1
20	32746	(30000000–39999999)	Screw, Pan, Phl, M6 X 1.00 X 35, Ss	1
	30241	(30000000–39999999)	Brush Assy, Disk, Scb, 16.0d, Polypropylene (Replaced by 1220241)	2
	1042500	(30000000–39999999)	Brush Assy, Disk, Scb, 16.0d, Polypropylene Stiff (Replaced by 1220236)	2
	1042499	(30000000–39999999)	Brush Assy, Disk, Scb, 16.0d, Nylon (Replaced by 1220235)	2
	1042504	(30000000–39999999)	Brush Assy, Disk, Scb, 16.0d, Super Abrasive (Replaced by 1221543)	2
	397916	(30000000–39999999)	Driver Assy, Pad, 16. (Replaced by 1220244)	2

Fig. 2 – Replacement Brushes, Side Brush

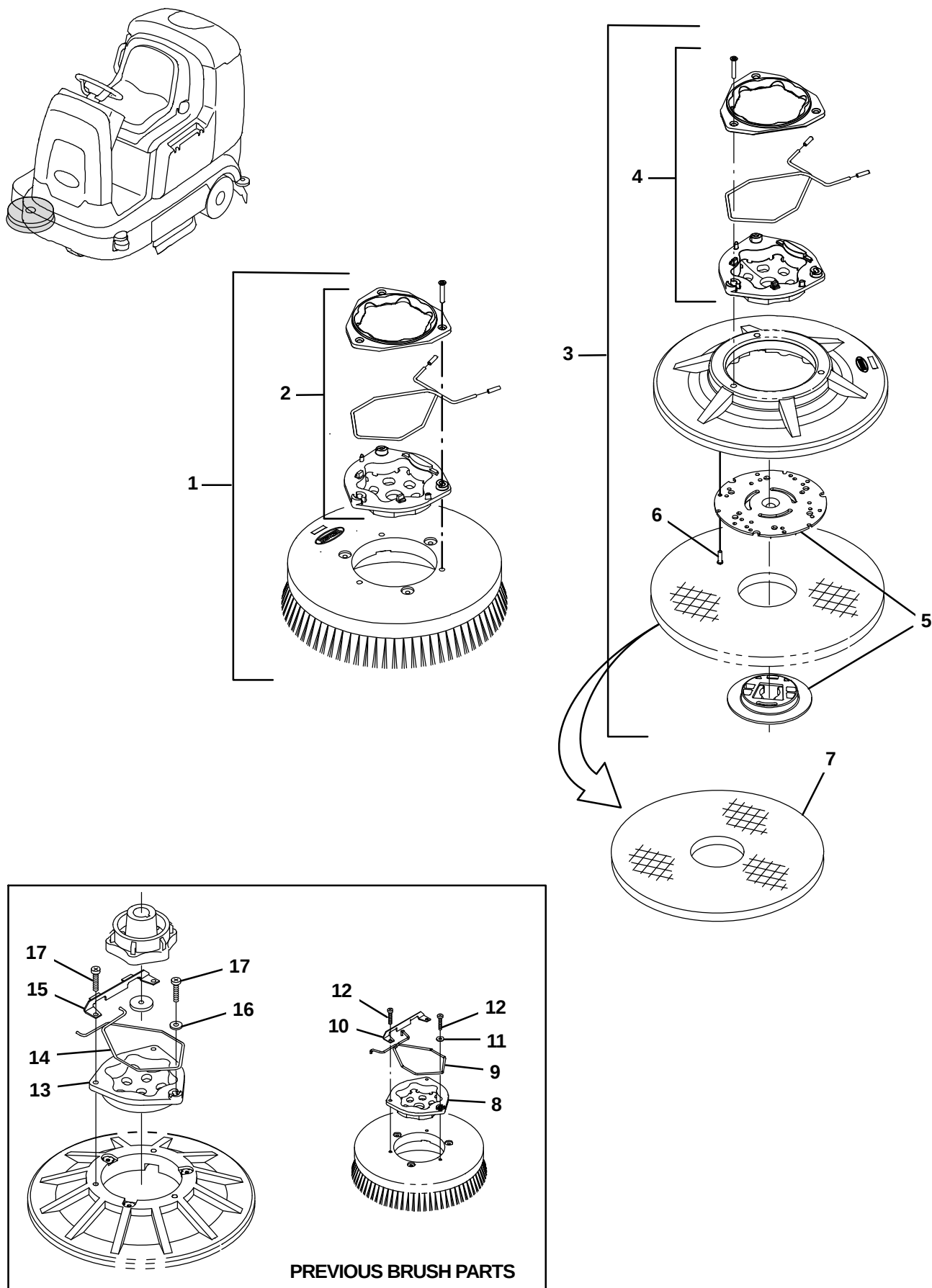


Fig. 2 – Replacement Brushes, Side Brush

Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1220230	(30000000–39999999) Brush Assy, disk, Scb, 13.0D, Nylon	2
▲	2	9014662	(30000000–39999999) Brush Kit, Hub Assy, Drive, CI (HDPE IN)	1
▽	1	1220231	(30000000–39999999) Brush Assy, disk, Scb, 13.0D, Polypropylene Stiff	2
▲	2	9014662	(30000000–39999999) Brush Kit, Hub Assy, Drive, CI (HDPE IN)	1
▽	1	1220232	(30000000–39999999) Brush Assy, disk, Scb, 13.0d, Super Abrasive	2
▲	2	9014662	(30000000–39999999) Brush Kit, Hub Assy, Drive, CI (HDPE IN)	1
▽	3	1220243	(30000000–39999999) Driver Assy, Pad, 13.0D	1
▲	4	9014664	(30000000–39999999) Brush Kit, Hub Assy, Drive, CI (HDPE)	1
▲	5	370095	(30000000–39999999) Device, Centering, Clip On, TI [Gf Pp]	1
▲	6	360943	(30000000–39999999) Screw, Pan, Phl, 10–14 X 0.75, F/Plstc	3
	7	89046	(30000000–39999999) Pad, Stripping, 13.0d, Brown[1pick=1pad]	2
	8	89047	(30000000–39999999) Pad, Scrubbing, 13.0d, Blue	2
	8	89048	(30000000–39999999) Pad, Buff, 13.0d, Red [1pick=1pad]	2
	8	89049	(30000000–39999999) Pad, Polish, 13.0d, White [1pick=1pad]	2
	8	1051024	(30000000–39999999) Pad, Surf Prep, 13.0d [Mar, 1pick=1pad]	2
Ref.	Part No.	Serial Number	Description	Qty.
	8	1017368	(30000000–39999999) Hub, Drive, Brush, Disk, 3hole 5.8bc	1
	9	14838	(30000000–39999999) Spring, Wir, 0.16d, Brush Retaining	1
	10	24299	(30000000–39999999) Bracket, Retainer, Spring	1
	11	01684	(30000000–39999999) Washer, Flat, 0.27b 0.69d .05, Ss	1
	12	32746	(30000000–39999999) Screw, Pan, Phl, M6 X 1.00 X 35, Ss	3
	13	1017368	(30000000–39999999) Hub, Drive, Brush, Disk, 3hole 5.8bc	1
	14	1017957	(30000000–39999999) Spring, Retaining, Brush	1
	15	24299	(30000000–39999999) Bracket, Retainer, Spring	1
	16	01684	(30000000–39999999) Washer, Flat, 0.27b 0.69d .05, Ss	1
	17	32746	(30000000–39999999) Screw, Pan, Phl, M6 X 1.00 X 35, Ss	3
	1042492	(30000000–39999999)	Brush Assy, Disk, Scb, 13.0d, Nylon (Scrubbing) (Replaced by 1220230)	1
	1042494	(30000000–39999999)	Brush Assy, Disk, Scb, 13.0d, Polypropylene Stiff (Scrubbing) (Replaced by 1220231)	1
	1042496	(30000000–39999999)	Brush Assy, Disk, Scb, 13.0d, Super Abrasive (Scrubbing) (Replaced by 1220232)	1
	379013	(30000000–39999999)	Driver Assy, Pad, 13.0d (Replaced by 1220243)	2

Fig. 3 – Main Frame and Wheels Group

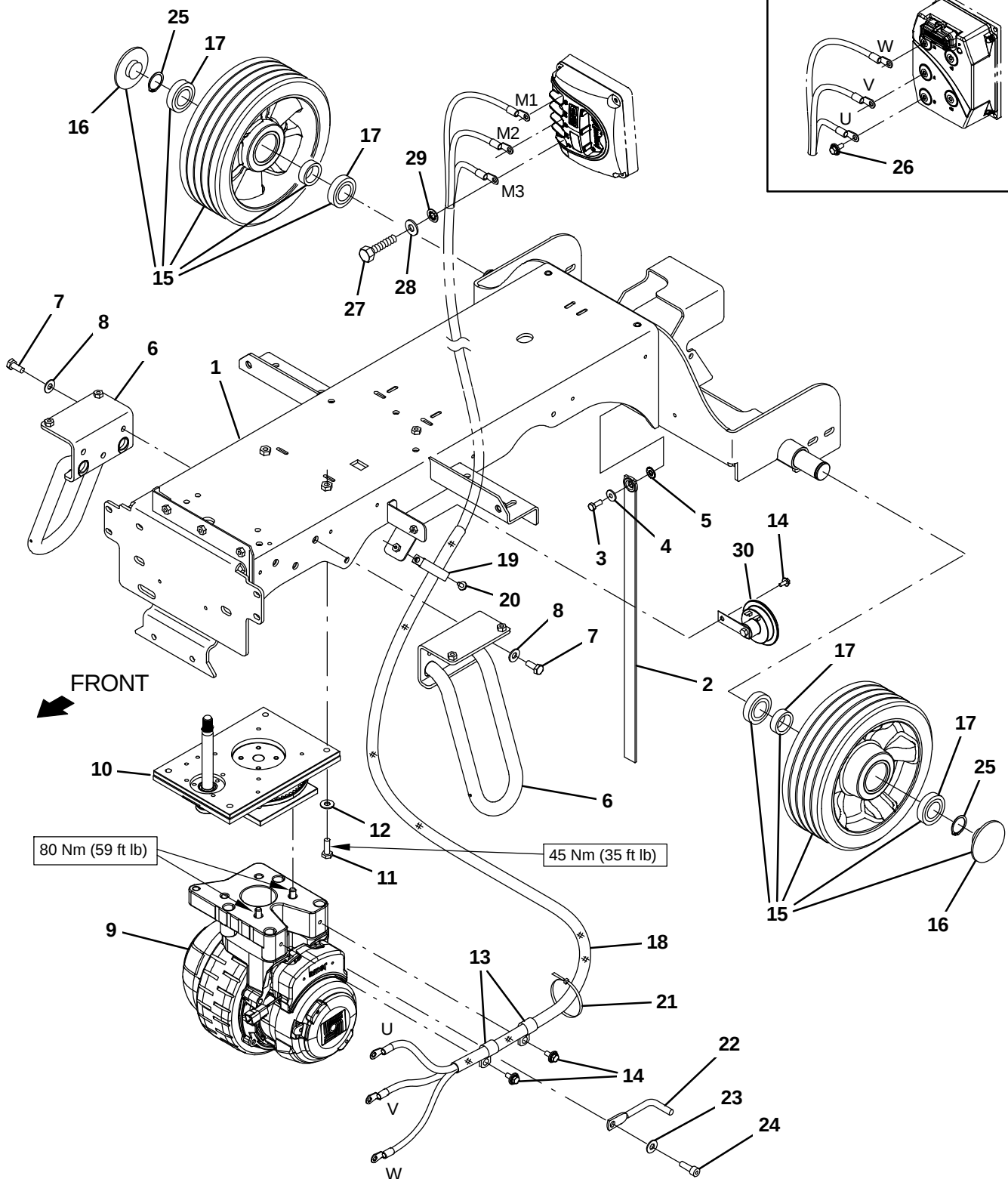


Fig. 3 – Main Frame and Wheels Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1200025	(30000000–39999999)	Frame Wldt [T12]	1
2	71579	(30000000–39999999)	Strap, Static, W/Grommet, .19 1.1w 25.0l	1
3	09011	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 30, Ss	1
4	41141	(30000000–39999999)	Washer, Lock, Int–Ext, 0.31	1
5	01685	(30000000–39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	1
6	1200298	(30000000–39999999)	Stabilizer Wldt [Cassoday]	2
7	12317	(30000000–39999999)	Screw, Hex, M10 X 1.50 X 30, Ss	6
8	01686	(30000000–39999999)	Washer, Flat, 0.44b 1.00d .08, Ss	6
9	1200150	(30000000–30094583)	Wheel, Drive, Ac (Replaced by 1255933)	1
9	1246662	(30094584–12/2021)	Wheel, Drive, Ac (See Breakdown) (Replaced by 1255933)	1
9	1255933	(12/2021–39999999)	Wheel, Drive, Ac (See Breakdown)	1
10	1200203	(30000000–12/2021)	Steer–Control Assy, Wheel Drive (See Breakdown)	1
10	1256309	(12–2021–39999999)	Steer–Control Assy, Wheel Drive (See Breakdown)	1
11	09028	(30000000–39999999)	Screw, Hex, M10 X 1.50 X 25, Ss	4
12	01686	(30000000–39999999)	Washer, Flat, 0.44b 1.00d .08, Ss	4
13	69234	(30000000–39999999)	Clamp, Cable, Stl, 1.00d X 0.75w, 1hole	2
14	1020341	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	3
▽ 15	1060626	(30000000–39999999)	Tire Assy, Solid, 300mm X 100mm, Ure	2
▲ 16	9011872	(30000000–39999999)	Cap, Hub, Wheel [For 1060626]	1
▲ 17	24899	(30000000–39999999)	Bearing, Ball 1.48B 2.38B 0.67W	2
18	82833	(30000000–39999999)	Sleeve, Nyl, 1.22id 35.0l	1
19	09570	(30000000–39999999)	Clamp, Cable, Stl, 0.9x1.8x0.62w, 1hole	1
20	1034731	(30000000–39999999)	Screw, Hex, M6 X 1.00 X 16, Ss, Sems	1
21	130773	(30000000–39999999)	Tie, Cable, Nyl, 11.0l, .14w, 3.0 Max. D	3
22	1207171	(30000000–39999999)	Rod, Sppt	1
23	33924	(30000000–39999999)	Washer, Flat, M10, Ss	1
24	41358	(30000000–39999999)	Screw, Soc, M10X1.50X35, 12.9	1
25	1059019	(30000000–39999999)	Ring, Retaining, Ext, 1.375od	2
26	1034731	(30000000–30077834)	Screw, Hex, M6 X 1.00 X 16, Ss, Sems	3
27	87308	(30077835–39999999)	Screw, Hex, M6 X 1.00 x 12, 8.8	3
28	32483	(30077835–39999999)	Washer, Flat, 0.25, Sae	3
29	32982	(30077835–39999999)	Washer, Lock, Int, 0.25	3
30	1057780	(30000000–39999999)	Horn, 36vdc, 110dba	1

Fig. 4 – Front Bumper and Side Door Group

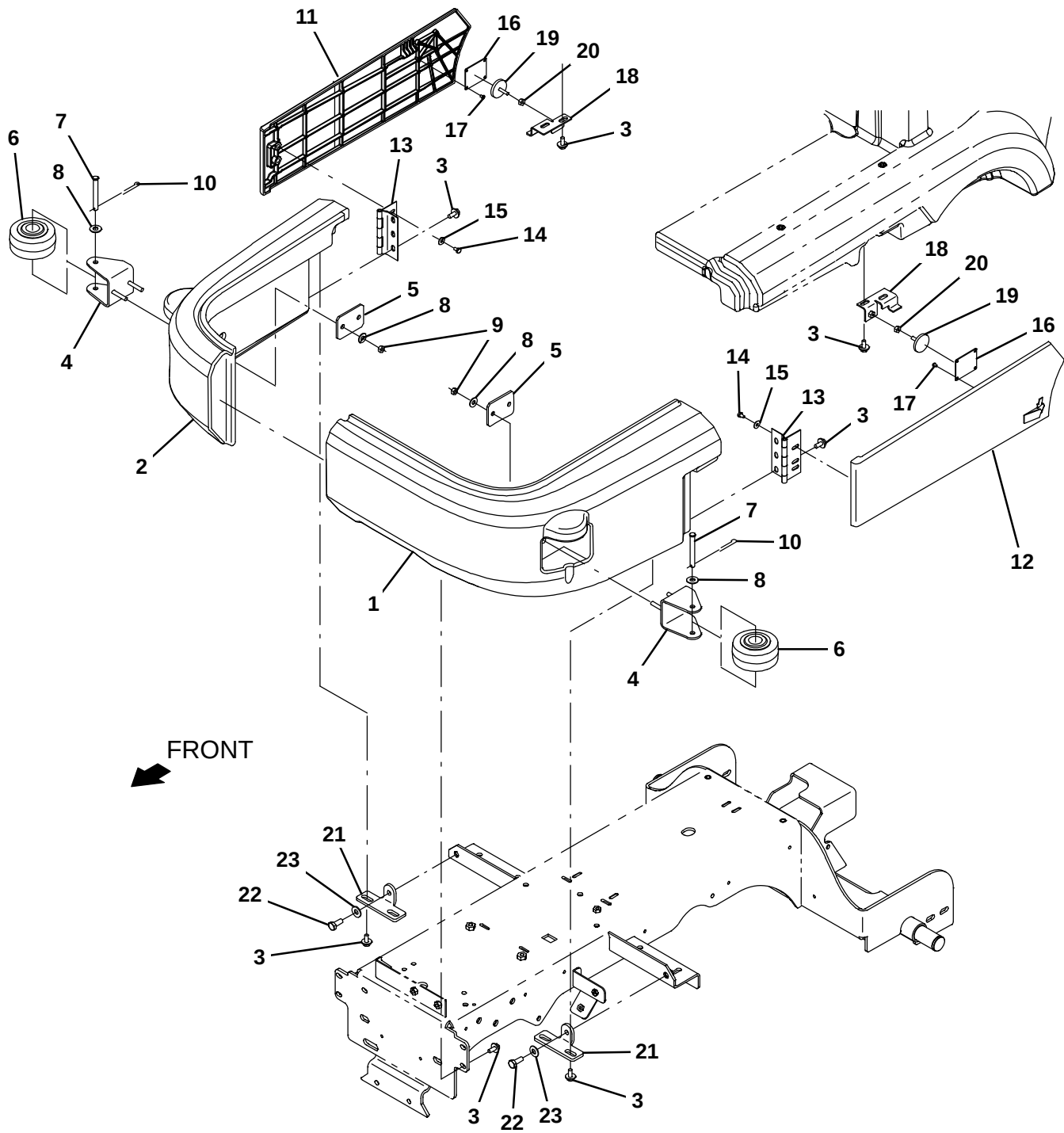


Fig. 4 – Front Bumper and Side Door Group

Ref.	Part No.	Serial Number	Description	Qty.
1	9010924	(30000000–39999999)	Bumper, Lh, Afmkt [T12]	1
2	9010925	(30000000–39999999)	Bumper, Rh, Afmkt [T12]	1
3	1020341	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	15
4	1200869	(30000000–39999999)	Channel Wldt, Rlr	2
5	1200870	(30000000–39999999)	Plate, Backing, Roller	2
6	1054100	(30000000–39999999)	Wheel, 04.0d 2.56w 0.41b	2
7	57598	(30000000–39999999)	Pin, Clevis, 0.37d X 3.25l	2
8	01685	(30000000–39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	6
9	08713	(30000000–39999999)	Nut, Hex, Lock, M8 X 1.25, NI, Ss	4
10	44906	(30000000–39999999)	Pin, Cotter, Hair, 0.38d .093 Wir	2
11	1202289	(30000000–39999999)	Panel, Door, Rh	1
12	1202392	(30000000–39999999)	Panel, Door, Lh	1
13	1202349	(30000000–39999999)	Hinge, Brush Door, Bent	2
14	06941	(30000000–39999999)	Screw, Hex, M6 X 1.00 X 10, 8.8	4
15	01684	(30000000–39999999)	Washer, Flat, 0.27b 0.69d .05, Ss	4
16	1202941	(30000000–39999999)	Plate, Latch	2
17	1203025	(30000000–39999999)	Screw, Pan, Phl, 08–16 X 0.25, F/Plstc	8
18	1200984	(30000000–39999999)	Bracket Wldt, Latch, Lh	2
19	1202779	(30000000–39999999)	Magnet, Latch, Brush Door	2
20	32520	(30000000–39999999)	Nut, Hex, Jam, .25–20	2
21	1200460	(30000000–39999999)	Bracket, Bumper, Right	2
22	09028	(30000000–39999999)	Screw, Hex, M10 X 1.50 X 25, Ss	2
23	01686	(30000000–39999999)	Washer, Flat, 0.44b 1.00d .08, Ss	2

Fig. 5 – Seat Support Group

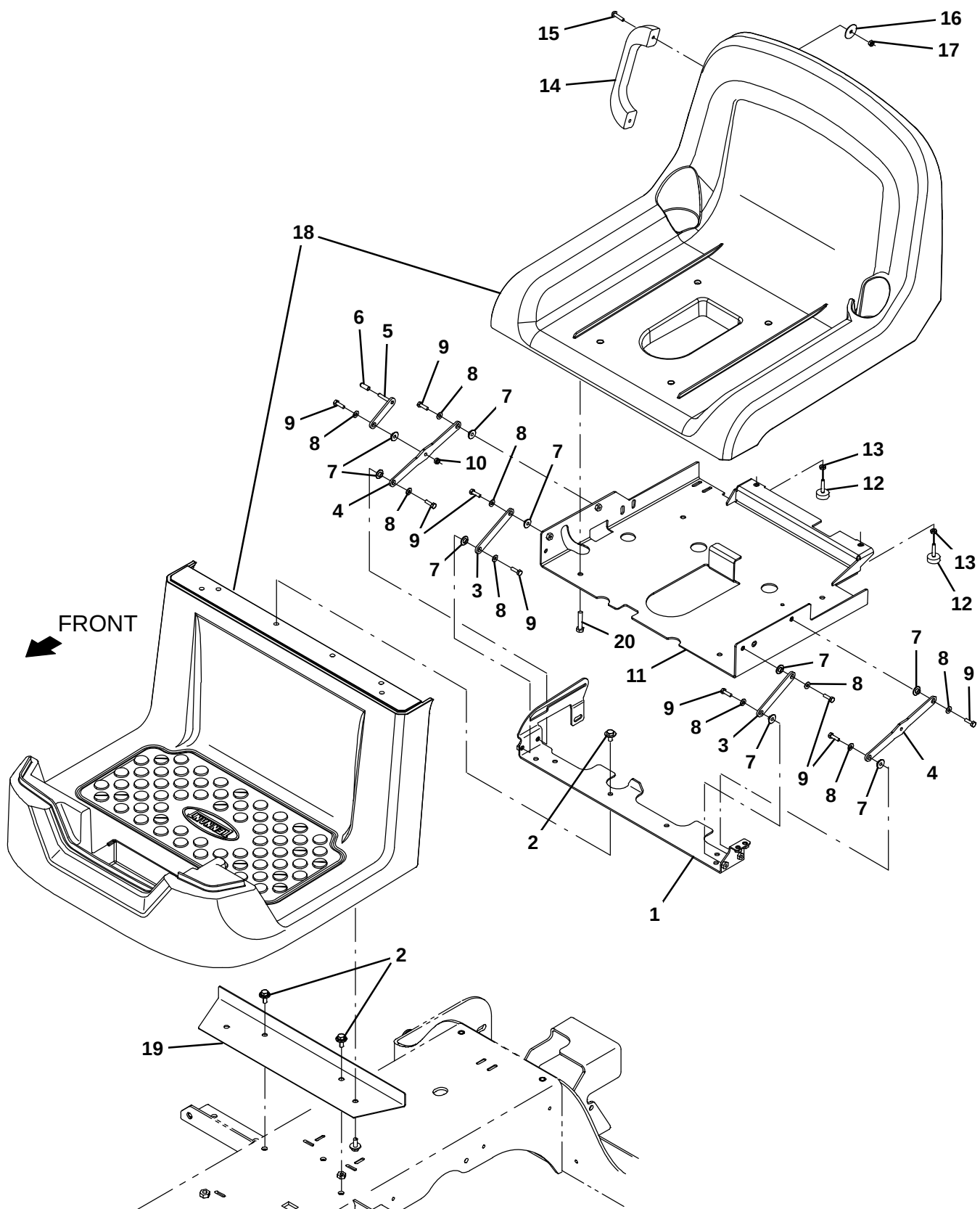


Fig. 5 – Seat Support Group

Ref.	Part No.	Serial Number	Description	Qty.
1	9011057	(30000000–39999999)	Plate Wldt, Mtg, W/Label, Aftmkt, Na	1
1	9011058	(30000000–39999999)	Plate Wldt, Mtg, W/Label, Aftmkt, JP	1
2	1020341	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	10
3	1200827	(30000000–39999999)	Link, Oprtr Station	2
4	1200828	(30000000–39999999)	Link, Oprtr Station	2
5	1201103	(30000000–39999999)	Link Wldt, Oprtr Station	1
6	1202957	(30000000–39999999)	Grip, Handle, .25d .90l Yel	1
7	1202156	(30000000–39999999)	Sleeve, Flange	9
8	19066	(30000000–39999999)	Washer, Flat, 0.25b 0.56d .05, Pl, 10	10
9	08716	(30000000–39999999)	Screw, Hex, M6 X 1.00 X 20, Ss	9
10	08708	(30000000–39999999)	Nut, Hex, Lock, M6 X 1.00, NI	1
11	1200210	(30000000–39999999)	Channel Wldt, Seat	1
12	20802	(30000000–39999999)	Bumper, Rbr, 1.0d 0.38th .25–20	2
13	32520	(30000000–39999999)	Nut, Hex, Jam, .25–20	2
14	381962	(30000000–39999999)	Handle, Container	1
15	382726	(30000000–39999999)	Screw, Pan, Phl, M6 X 1.00 X 25, 4.8	2
16	41178	(30000000–39999999)	Washer, Flat, 0.25, Fendr	2
17	08712	(30000000–39999999)	Nut, Hex, Lock, M6 X 1.00, NI, Ss	2
18	9009632	(30000000–39999999)	Part Kit, Station, Oprtn, Plstc [2Pc=1Kit]	1
19	1200612	(30000000–39999999)	Angle, Support	1
20	09026	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 40, Ss	4

Fig. 6 – Seat Group, Standard

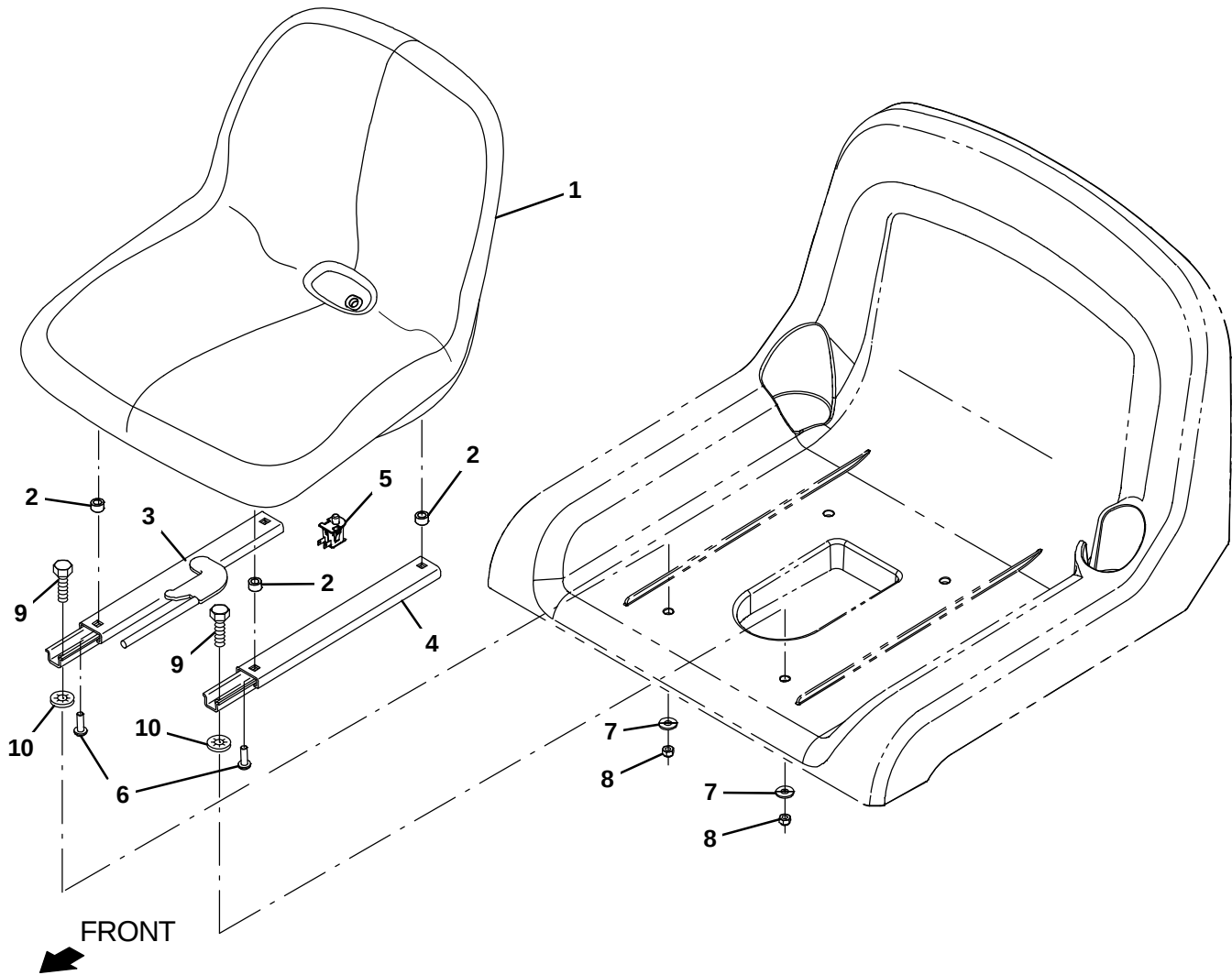


Fig. 6 – Seat Group, Standard

Ref.	Part No.	Serial Number	Description	Qty.
1	1201894	(30000000–39999999)	Seat, Std [Milsco]	1
2	1051052	(30000000–39999999)	Spacer, Rnd, .38b .88d .38l	4
3	1077071	(30000000–39999999)	Track, Locking, 12.5L, No Stud W/Handle	1
4	1077067	(30000000–39999999)	Track, N-Lkg, Seat, 12.5L, No Stud	1
5	1048955	(30000000–39999999)	Switch, Seat, No [Delta 6440–04]	1
6	1035038	(30000000–39999999)	Screw, Hex, .31–18 X 1.38, Ss, NI	4
7	01685	(30000000–39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	4
8	41437	(30000000–39999999)	Nut, Hex, Lock, .31–18, NI, Ss	4
9	76955	(30000000–39999999)	Track, N-Lkg, Seat, 12.5L, No Stud	4
10	1077073	(30000000–39999999)	Nut, Push, Bolt Retension, Stl, 5/16 Thrd	4

Fig. 7 – Seat Kit, Deluxe

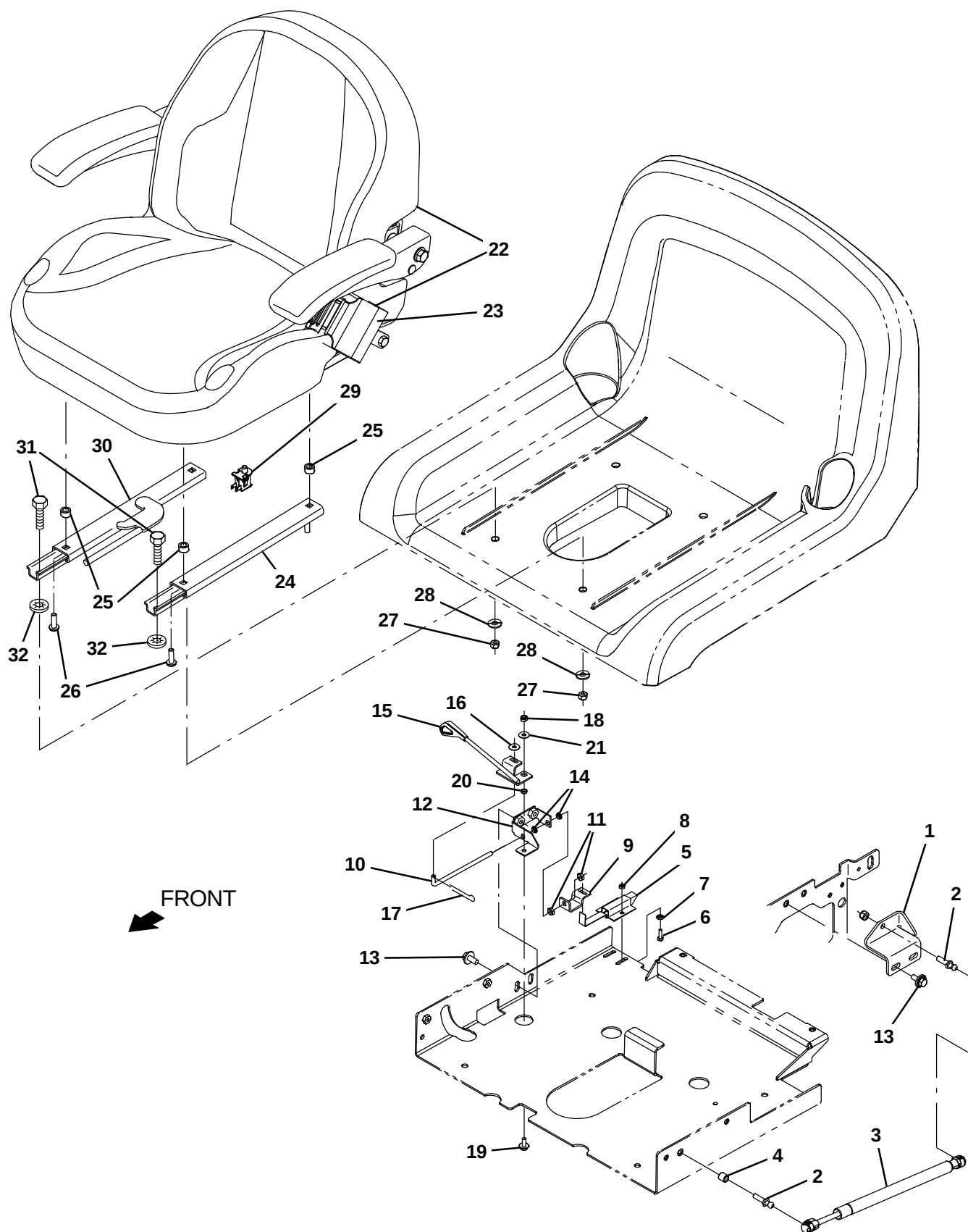


Fig. 7 – Seat Kit, Deluxe

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9009836	(30000000–39999999)	Seat Kit, Deluxe, Ci [T12]	1
▲	1	1202800	(30000000–39999999)	Bracket, Mtg, Ball Stud	1
▲	2	1012878	(30000000–39999999)	Stud, Ball, .39d .31–18	2
▲	3	1260773	(30000000–39999999)	Gas Spring, 30lb, 8.0Strk	1
▲	4	222460	(30000000–39999999)	Sleeve, P/M, 0.32b 0.50d 0.5l [430ss]	1
▲	5	1025736	(30000000–39999999)	Latch	1
▲	6	24199	(30000000–39999999)	Screw, Hex, M5 X 0.80 X 16, Ss	2
▲	7	140011	(30000000–39999999)	Washer, Flat, 0.21b 0.45d .03, Ss	2
▲	8	09739	(30000000–39999999)	Nut, Hex, Lock, M5 X 0.80, NI, Ss	2
▲	9	1200999	(30000000–39999999)	Angle, Latch	1
▲	10	1203958	(30000000–39999999)	Handle, Latch	1
▲	11	32520	(30000000–39999999)	Nut, Hex, Jam, .25–20	2
▲	12	1203946	(30000000–39999999)	Bracket Wldt, Latch	1
▲	13	1020341	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	4
▲	14	80921	(30000000–39999999)	Bushing, Snap-In, 0.25b 0.31d 0.08th Nyl	2
▲	15	1205295	(30000000–39999999)	Handle Assy, Latch, Seat	1
▲	16	01684	(30000000–39999999)	Washer, Flat, 0.27b 0.69d .05, Ss	2
▲	17	08085	(30000000–39999999)	Pin, Cotter, Hair, 0.31d .058 Wir	1
▲	18	08712	(30000000–39999999)	Nut, Hex, Lock, M6 X 1.00, NI, Ss	1
▲	19	1034731	(30000000–39999999)	Screw, Hex, M6 X 1.00 X 16, Ss, Sems	1
▲	20	1205764	(30000000–39999999)	Sleeve, P/M, 0.25b 0.38d 0.1l [430ss]	1
▲	21	29570	(30000000–39999999)	Washer, Flat, 0.28b 1.00d .06, Stl	1
▲▽	22	1201428	(30000000–39999999)	Seat, Dlx, W/ Armrests & Seatbelt	1
▲▲	23	1248442	(30000000–39999999)	Seatbelt, Orange, Retractable, Afmkt	1
▲	24	1077067	(30000000–39999999)	Track, N-Lkg, Seat, 12.5L, No Stud	1
▲	25	1051052	(30000000–39999999)	Spacer, Rnd, .38b .88d .38l	4
▲	26	1035038	(30000000–39999999)	Screw, Hex, .31–18 X 1.38, Ss, NI	4
▲	27	41437	(30000000–39999999)	Nut, Hex, Lock, .31–18, NI, Ss	4
▲	28	01685	(30000000–39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	4
▲	29	1048955	(30000000–39999999)	Switch, Seat, No [Delta 6440–04]	4
▲	30	1077071	(30000000–39999999)	Track, Locking, 12.5L, No Stud W/Handle	1
▲	31	76955	(30000000–39999999)	Screw, Hex, .31–18 X 1.00, G5	4
▲	32	1077073	(30000000–39999999)	Nut, Push, Bolt Retension, Stl, 5/16 Thrd	4

Fig. 8 – Steering and Instrument Panel Group, T12

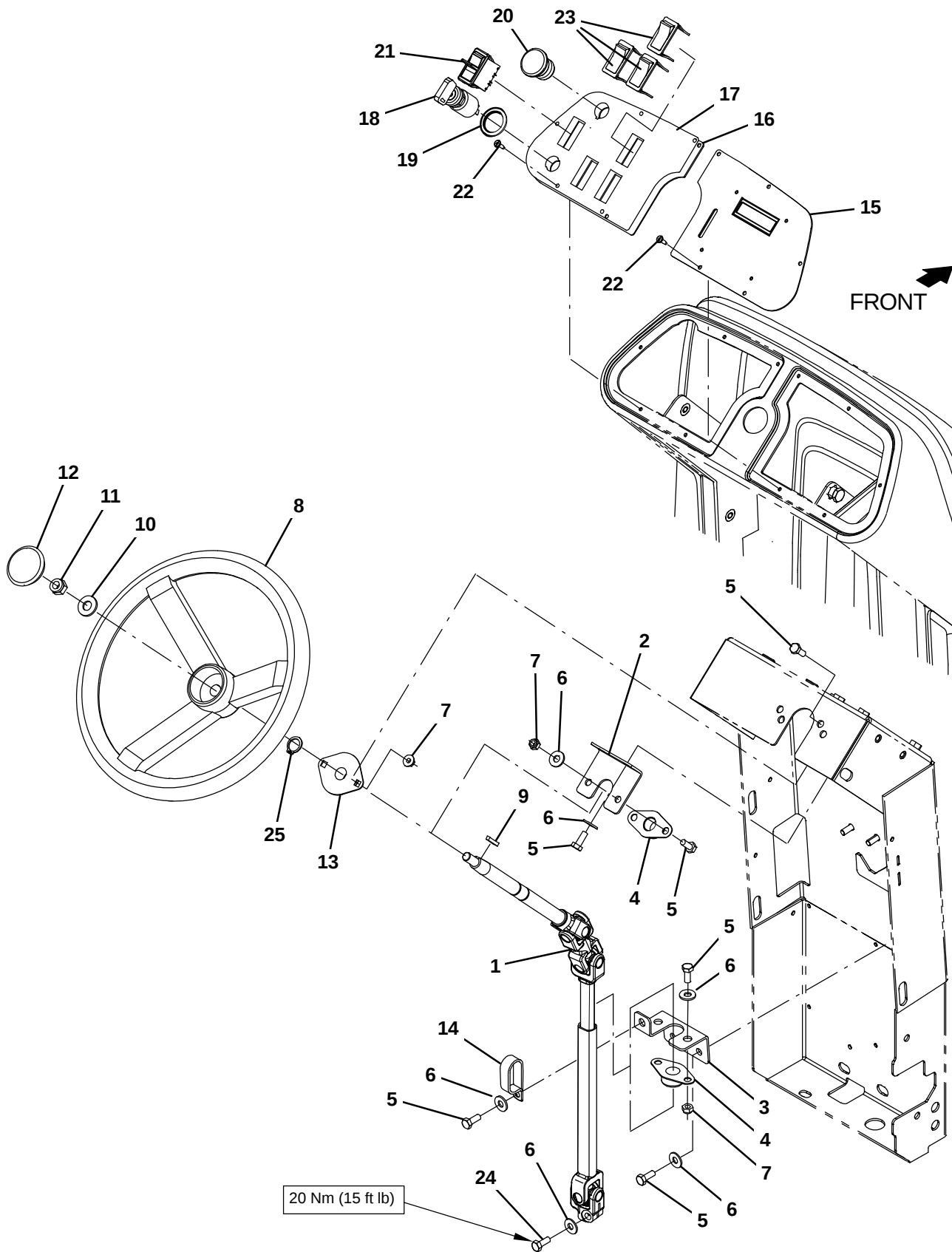


Fig. 8 – Steering and Instrument Panel Group, T12

Ref.	Part No.	Serial Number	Description	Qty.
1	1202600	(30000000–39999999)	Shaft Assy, Steering, Basic	1
2	1201253	(30000000–39999999)	Bracket, Mtg, Brg	1
3	1205753	(30000000–39999999)	Bracket Wldt, Sppt, Brg	1
4	223065	(30000000–39999999)	Bearing, Flng, 2hole, 0.75b [Nyl]	2
5	16931	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, 8.8	5
6	32491	(30000000–39999999)	Washer, Flat, 0.31, Std	8
7	08709	(30000000–39999999)	Nut, Hex, Lock, M8 X 1.25, NI	6
8	1036490	(30000000–39999999)	Wheel, Steering, 14.0d, Taper Bore	1
9	00912	(30000000–39999999)	Key, Sq, 0.19 X 0.19, 1.00l	1
10	08711	(30000000–39999999)	Nut, Hex, Lock, M12 X 1.75, NI	1
11	32493	(30000000–39999999)	Washer, Flat, 0.50, Std	1
12	1038966	(30000000–39999999)	Cap, Wheel, Steering	1
13	1057554	(30000000–39999999)	Bearing, Flng, 2hole, 0.75b	1
14	09570	(30000000–39999999)	Clamp, Cable, Stl, 0.9x1.8x0.62w, 1hole	1
15	9013277	(30000000–39999999)	Panel kit, Cntrl, Replmt [T12]	1
16	1201180	(30000000–30106799)	Panel, Console, Lh	1
16	1238865	(30106800–19999999)	Panel, Console, Lh	1
17	1204177	(30000000–30106799)	Label, Opertnl, Console, Lh	1
17	1238872	(30106800–19999999)	Label, Opertnl, Console, Lh	1
▽ 18	361076	(30000000–39999999)	Switch, Ignition [Merit Gmbh]	1
▲	361144	(30000000–39999999)	Key, ignition, Sgl	1
19	82226	(30000000–39999999)	Washer, Flat, 0.91b 1.38d .06, Stl, Pl	1
20	1011735	(30000000–39999999)	Switch, Safety, Shutoff	1
21	1058679	(30000000–39999999)	Switch, Rocker, Dpdt, On / None / On	1
22	140825	(30000000–39999999)	Screw, Pan, Phl, 06 X 0.50, Fmg/Ab, Blk	10
23	398501	(30000000–39999999)	Plug, Hole, Rt, Rocker Switch, .87 X 1.7	3
24	39277	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 25, 8.8	1
25	26428	(30000000–39999999)	Ring, Retaining, Ext, 0.75D, Hd	1

Fig. 9 – Steering and Instrument Panel Group, T12XP

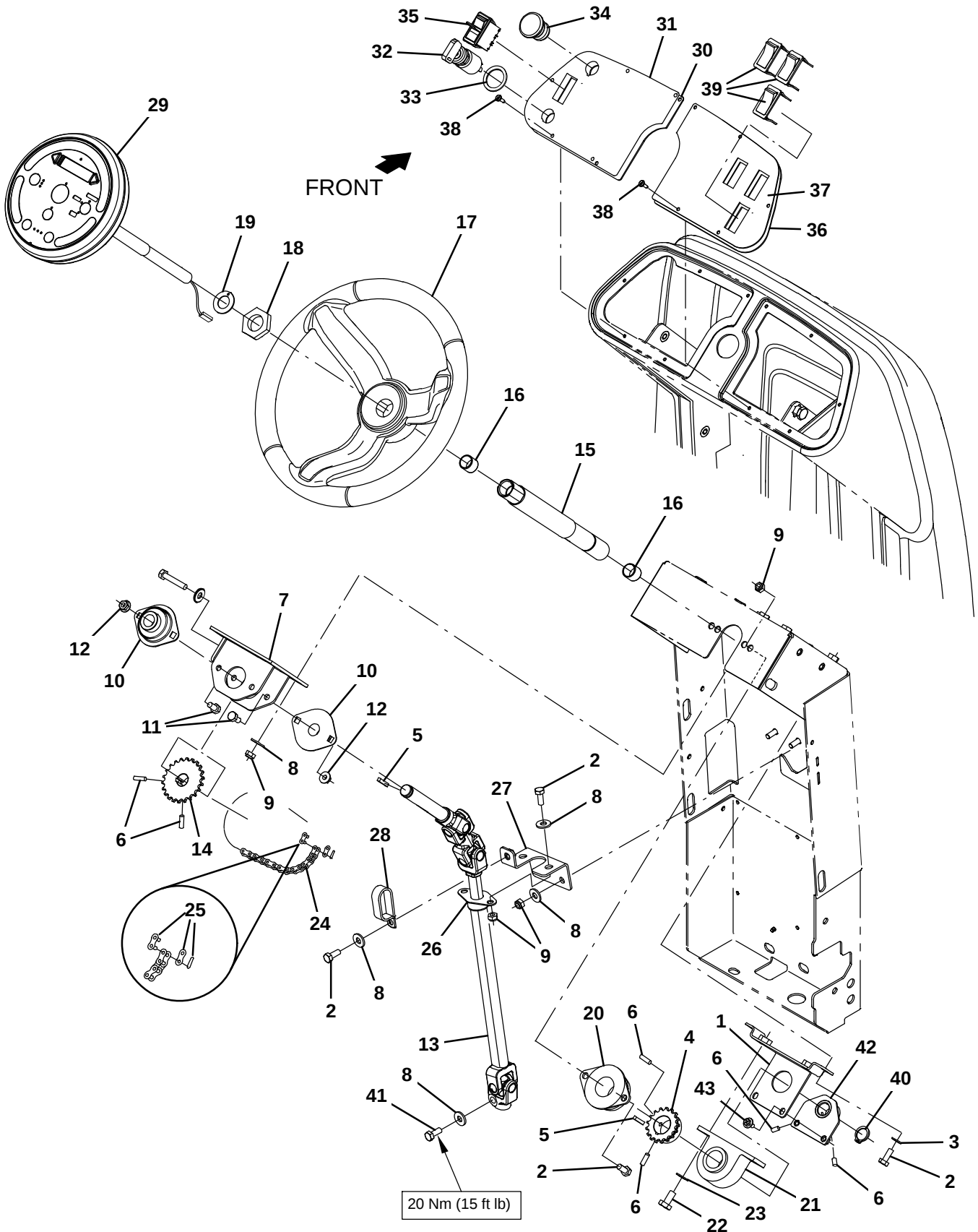


Fig. 9 – Steering and Instrument Panel Group, T12XP

Ref.	Part No.	Serial Number	Description	Qty.
1	1208622	(30000000–39999999)	Bracket Wldt, Brg	1
2	16931	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, 8.8	7
3	32490	(30000000–39999999)	Washer, Flat, 0.25, Std	2
4	9010942	(30000000–39999999)	Sprocket Kit, 1.12b, Afmkt [T12]	1
5	00912	(30000000–39999999)	Key, Sq, 0.19 X 0.19, 1.00l	2
6	09162	(30000000–39999999)	Screw, Set, M6 X 1.00 X 8, NI	6
7	1057572	(30000000–39999999)	Plate Wldt, Sppt, Brg	1
8	32491	(30000000–39999999)	Washer, Flat, 0.31, Std	10
9	08709	(30000000–39999999)	Nut, Hex, Lock, M8 X 1.25, NI	10
10	1057554	(30000000–39999999)	Bearing, Flng, 2hole, 0.75b	2
11	16735	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 16, 8.8	4
12	07791	(30000000–39999999)	Nut, Hex, Flng, M8 X 1.25	4
13	1202601	(30000000–39999999)	Shaft Assy, Steering [T12]	1
14	9010943	(30000000–39999999)	Sprocket Kit, 0.75b, Afmkt [T12]	1
15	1221846	(30000000–39999999)	Tube, Column, Steering	1
16	1057785	(30000000–39999999)	Bearing, Journal, 0.75b 0.88d 0.75l	2
17	1056412	(30000000–39999999)	Wheel, Steering, 14.4d	1
18	1059073	(30000000–39999999)	Nut, Hex, Jam, 1.12–12	1
19	04846	(30000000–39999999)	Washer, Thrust, 0.79b 1.42d 0.06[Garlok]	1
20	1057043	(30000000–39999999)	Bearing, Flng, 2hole, 1.25b	1
21	1054654	(30000000–39999999)	Bearing, Pillowblock, 1.12b	1
22	06961	(30000000–39999999)	Screw, Hex, M10 X 1.5	2
23	32485	(30000000–39999999)	Washer, Flat, 0.38, Sae	2
24	1053977	(30000000–39999999)	Chain, Rlr, 35 X 35 Pitches	1
25	14799	(30000000–39999999)	Link, Chain, Rlr, 35	1
26	223065	(30000000–39999999)	Bearing, Flng, 2hole, 0.75b [Nyl]	1
27	1205753	(30000000–39999999)	Bracket Wldt, Sppt, Brg	1
28	09570	(30000000–39999999)	Clamp, Cable, Stl, 0.9x1.8x0.62w, 1hole	1
29	9010934	(30000000–39999999)	Instr Panel, Pod, Afmkt [T12]	1
30	1201534	(30000000–30106799)	Panel, Console, Lh	1
30	1238864	(30106800–19999999)	Panel, Console, Lh	1
31	1204170	(30000000–30106799)	Label, Opertnl, Console, Lh	1
31	1238867	(30106800–19999999)	Label, Opertnl, Console, Lh	1
▽ 32	361076	(30000000–39999999)	Switch, Ignition [Merit Gmbh]	1
▲ 32	361144	(30000000–39999999)	Key, ignition, Sgl	1
33	82226	(30000000–39999999)	Washer, Flat, 0.91b 1.38d .06, Stl, Pl	1
34	1011735	(30000000–39999999)	Switch, Safety, Shutoff	1
35	1058679	(30000000–39999999)	Switch, Rocker, Dpdt, On / None / On	1
36	1201535	(30000000–39999999)	Panel, Console, Rh	1
37	1204176	(30000000–39999999)	Label, Opertnl, Console, Rh	1
38	140825	(30000000–39999999)	Screw, Pan, Phl, 06 X 0.50, Fmg/Ab, Blk	10
39	398501	(30000000–39999999)	Plug, Hole, Rt, Rocker Switch, .87 X 1.7	3
40	70651	(30000000–39999999)	Ring, Retaining, Ext, 1.12d	1
41	39277	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 25, 8.8	1
42	1208625	(30000000–39999999)	Plate Wldt, Brg	1
43	1034731	(30000000–39999999)	Screw, Hex, m6 X 1.00 X 16, Sems, Ss	2

Fig. 10 – Front Cover and Directional Pedal Group

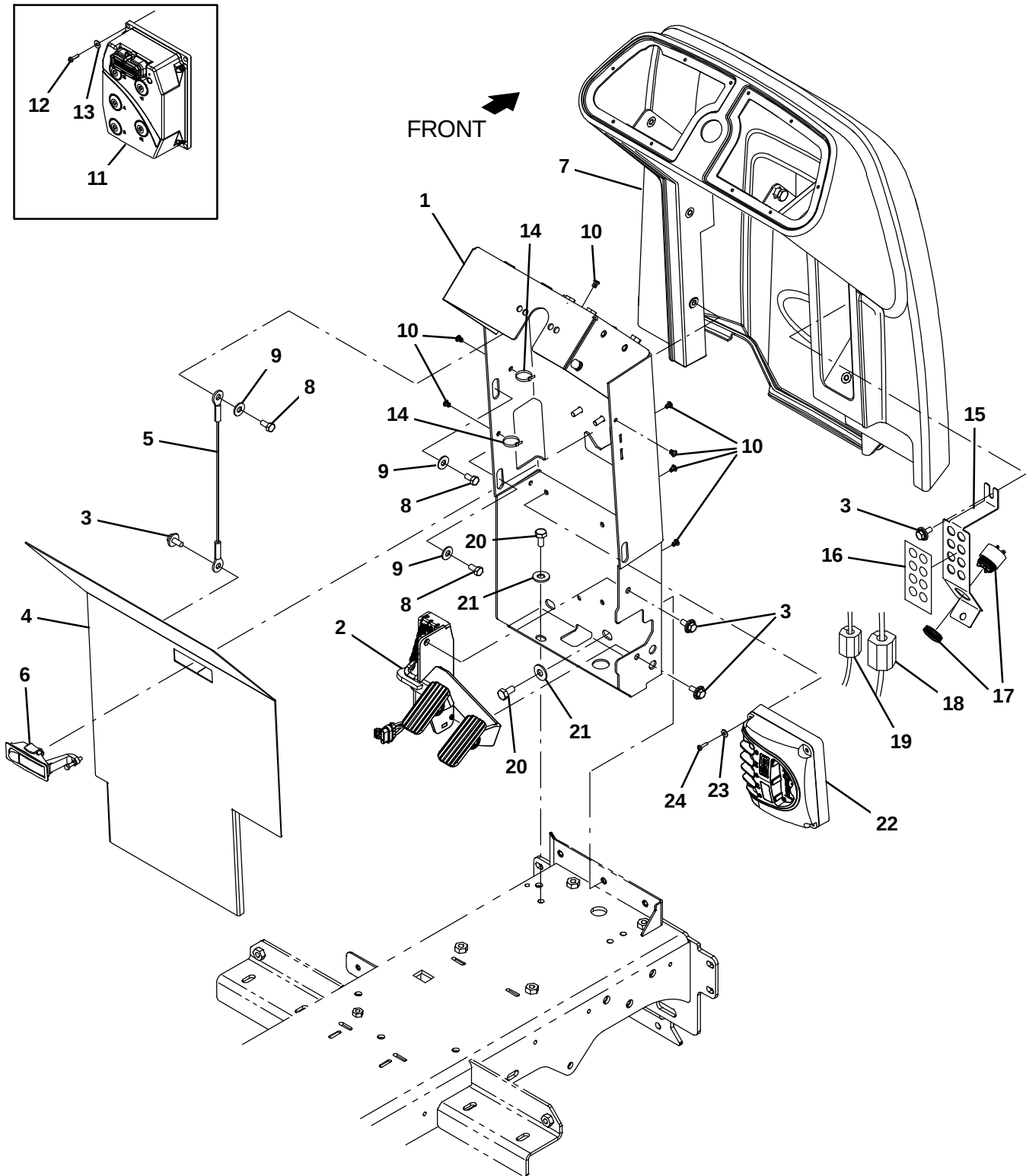


Fig. 10 – Front Cover and Directional Pedal Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1200146	(30000000–30077834)	Channel Wldt, Steering, Pntd	1
1	1218569	(30077835–39999999)	Channel Wldt, Steering, Pntd	1
2	1200253	(30000000–39999999)	Pedal Assy, Accelerator, Brake (See Breakdowns)	1
3	1020341	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	5
4	9010930	(30000000–39999999)	Panel, Access, Front, Afmkt [T12]	1
4	9011168	(30000000–39999999)	Panel, Access, Front, Afmkt [Jp]	1
5	19676	(30000000–39999999)	Cable, Glv .09d 013.0l .38eye /.38eye	1
6	398806	(30000000–39999999)	Latch	1
7	9010928	(30000000–39999999)	Shroud, Front, Afmkt [T12]	1
8	15675	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 16, Ss	5
9	32491	(30000000–39999999)	Washer, Flat, 0.31, Std	5
10	1202868	(30000000–39999999)	Clip, Tie, 0.25d, Plstc	7
11	1202308	(30000000–30077834)	Controller, 36vdc, 200a [Ac Propel]	1
12	24265	(30000000–30077834)	Screw, Pan, Phl, M4 X 0.70 X 16, Ss	4
13	01683	(30000000–30077834)	Washer, Flat, 10, Ss	4
14	130773	(30000000–39999999)	Tie, Cable, Nyl, 11.0l, .14w, 3.0 Max. D	7
15	1201212	(30000000–39999999)	Bracket, Ele, Cb [T12]	1
16	1201864	(30000000–39999999)	Label, Circuitbreaker	1
17	1052726	(30000000–39999999)	Alarm, 9–48vdc, 95 Db(A) [Ec–H20]	1
18	1052120	(30000000–39999999)	Inductor, 25Mmid [218 Imp At 25Mhz] (Australia Only)	1
19	1052123	(30000000–39999999)	Inductor, 18Mmid [156 Imp At 25Mhz] (Australia Only)	1
20	39283	(30000000–39999999)	Screw, Hex, M10x 1.50 x 25, 8.8	4
21	32492	(30000000–39999999)	Washer, Flat, 0.38, Std	4
22	1218104	(30077835–39999999)	Controller, Drive [T12]	1
23	19066	(30077835–39999999)	Washer, Flat, 0.25B 0.56D, .05, Pl, 10	4
24	06939	(30077835–39999999)	Screw, Pan, Phl, M5X0.80 X 45, 4.8	4

Fig. 11 – Scrub Head Lift Group

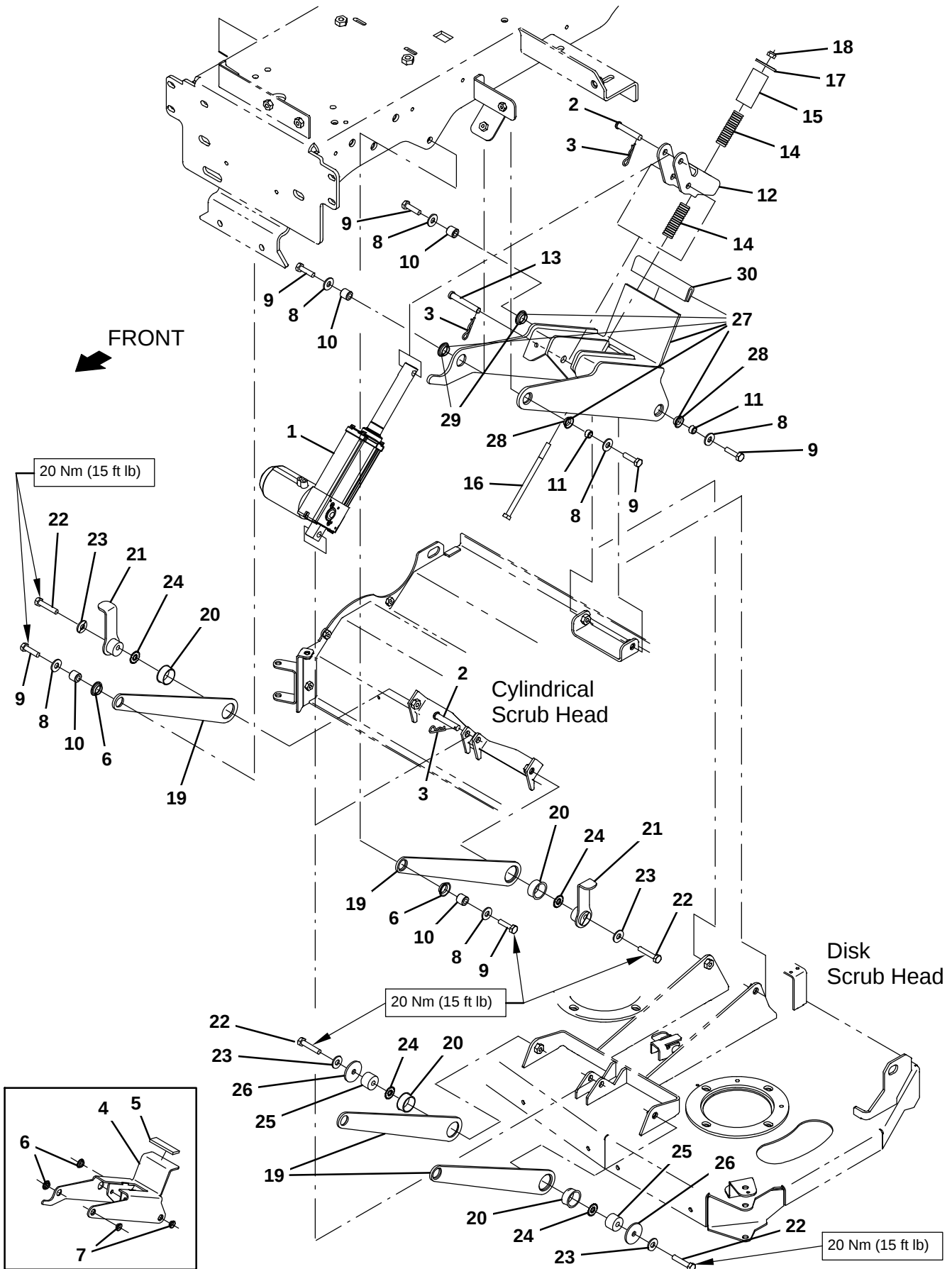


Fig. 11 – Scrub Head Lift Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1200774	(30000000–39999999)	Actuator, 36vdc, 3.9strk, 450lb	1
2	29584	(30000000–39999999)	Pin, Clevis, 0.37d X 2.00l	2
3	44906	(30000000–39999999)	Pin, Cotter, Hair, 0.38d .093 Wir	3
4	1200735	(30000000–30049481)	Arm Wldt, Pivot (Replaced by 9013613)	1
5	1200440	(30000000–30049481)	Pad, Stop, Rbr (Replaced by 9013613)	1
6	04843	(30000000–30049481)	Bushing, Flng, 0.63b 0.72d 0.25l	4
7	1054662	(30000000–39999999)	Bushing, Flng, 0.50b 0.59d 0.25l	2
8	01685	(30000000–39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	6
9	09011	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 30, Ss	6
10	80409	(30000000–30049481)	Sleeve, P/M, 0.34b 0.63d 0.6l, Bnz	4
11	222516	(30000000–39999999)	Sleeve, P/M, 0.32b 0.50d 0.3l [430ss]	2
12	1200764	(30000000–39999999)	Bracket, Pivot, Spring	1
13	365180	(30000000–39999999)	Pin, Clevis, 0.38d X 2.50l	1
14	1203336	(30000000–39999999)	Spring, Cmpr, .73od 2.5l	2
15	1204185	(30000000–39999999)	Tube, Bumper	1
16	1201996	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 140, Ss	1
17	379829	(30000000–39999999)	Washer, Flat, 0.34b 1.50d .12, Stl, Pl	1
18	08713	(30000000–39999999)	Nut, Hex, Lock, M8 X 1.25, NI, Ss	1
19	1201033	(30000000–39999999)	Link, Head Scb	2
20	367313	(30000000–39999999)	Bushing, Flng, 1.00b 1.13d 0.50l	2
21	1201080	(30000000–39999999)	Pivot Wldt	2
22	09026	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 40, Ss	2
23	01685	(30000000–39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	2
24	41141	(30000000–39999999)	Washer, Lock, Int–Ext, 0.31	2
25	1201354	(30000000–39999999)	Pivot, Lift	2
26	379829	(30000000–39999999)	Washer, Flat, 0.34b 1.50d .12, Stl, Pl	2
▽	27	9013613	Arm Kit, Lift, Scb [T12]	1
▲	28	1054662	Bushing, Flng, 0.50B 0.59D 0.25L	2
▲	29	04843	Bushing, Flng, 0.63B 0.72D 0.25L	2
▲	30	1020168	Molding, Afmkt, Trim , Pvc, .08 .11, 01Ft	1

Fig. 12 – Scrub Head and Drive Motor Group, Disk

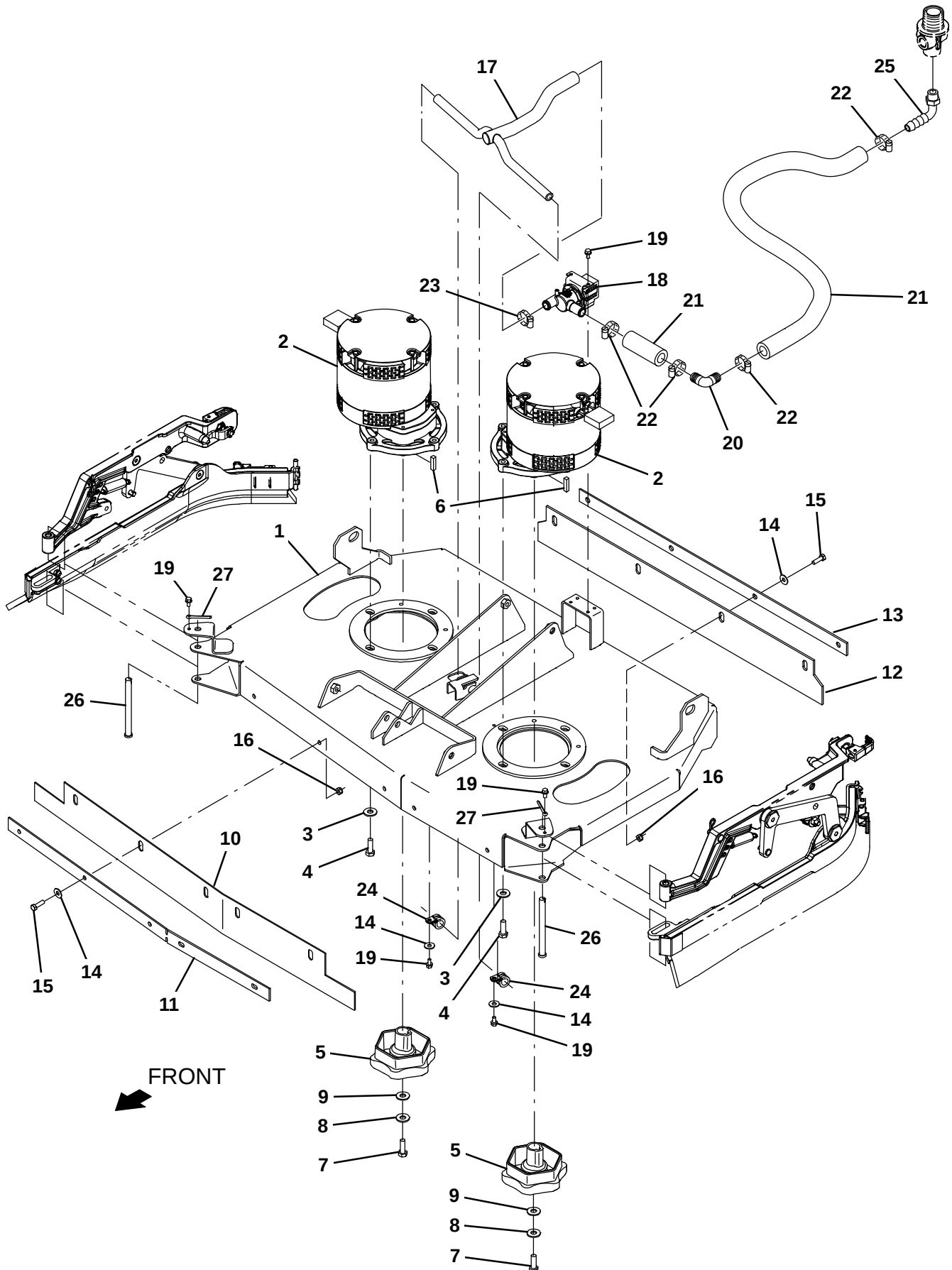


Fig. 12 – Scrub Head and Drive Motor Group, Disk

Ref.	Part No.	Serial Number	Description	Qty.
▽ ▲	1	1258968	(30000000-39999999) Head Wldt, Scrbr, Disc	1
	2	1200168	(30000000-39999999) Motor, Ele, 36vdc 0315rpm	2
		9009577	(30000000-39999999) Brush Kit, Motor	2
	3	01685	(30000000-39999999) Washer, Flat, 0.38b 0.88d .08, Ss	8
	4	09011	(30000000-39999999) Screw, Hex, M8 X 1.25 X 30, Ss	8
	5	377364	(30000000-39999999) Hub, Drive, Brush, Disk, 0.75b [6t]	2
	6	00928	(30000000-39999999) Key, Sq, 0.25 X 0.25, 1.00l	2
	7	09010	(30000000-39999999) Screw, Hex, M8 X 1.25 X 25, Ss	2
	8	01685	(30000000-39999999) Washer, Flat, 0.38b 0.88d .08, Ss	2
	9	41186	(30000000-39999999) Washer, Flat, Belleville, .31	2
	10	1201053	(30000000-39999999) Skirt, Rbr, Front, Disc	1
	11	1201190	(30000000-39999999) Strip, Retainer, Front	1
	12	1201127	(30000000-39999999) Skirt, Rbr, Rear, Disc	1
	13	1201185	(30000000-39999999) Strip, Skirt, Rear, Disc	1
	14	01684	(30000000-39999999) Washer, Flat, 0.27b 0.69d .05, Ss	11
	15	09007	(30000000-39999999) Screw, Hex, M6 X 1.00 X 25, Ss	9
	16	08708	(30000000-39999999) Nut, Hex, Lock, M6 X 1.00, NI	9
	17	1201215	(30000000-39999999) Tube, Distribution, Disc	1
	18	1075240	(30000000-39999999) Valve, Water, Solenoid, 36vdc Bm12/Bm12	1
	19	223198	(30000000-39999999) Screw, Hex, M5 X 0.80 X 10, Fmg	6
	20	391365	(30000000-39999999) Fitting, Plstc, E90, Bm10/Bm10	1
	21	1015026	(30000000-39999999) Hose, Afmkt, Pvc, Brd, 0.62id, 03ft, Clr	1
	22	63810	(30000000-39999999) Clamp, Hose, Wormdrive, 0.56-1.06d, .56w	4
	23	54333	(30000000-39999999) Clamp, Hose, Wormdrive, 0.31-0.88d, .31w	1
	24	1016354	(30000000-39999999) Clamp, Cable, Ss, 0.50d X 0.50w [Insul]	2
	25	630371	(30000000-39999999) Fitting, Plstc, E90, Bm10/Pm08	1
	26	1205975	(30000000-39999999) Pin, Clevis, 0.37d X 5.00l	2
	27	08236	(30000000-39999999) Pin, Cotter, .156 X 1.25	2

Fig. 13 – Scrub Head Frame Group, Cylindrical

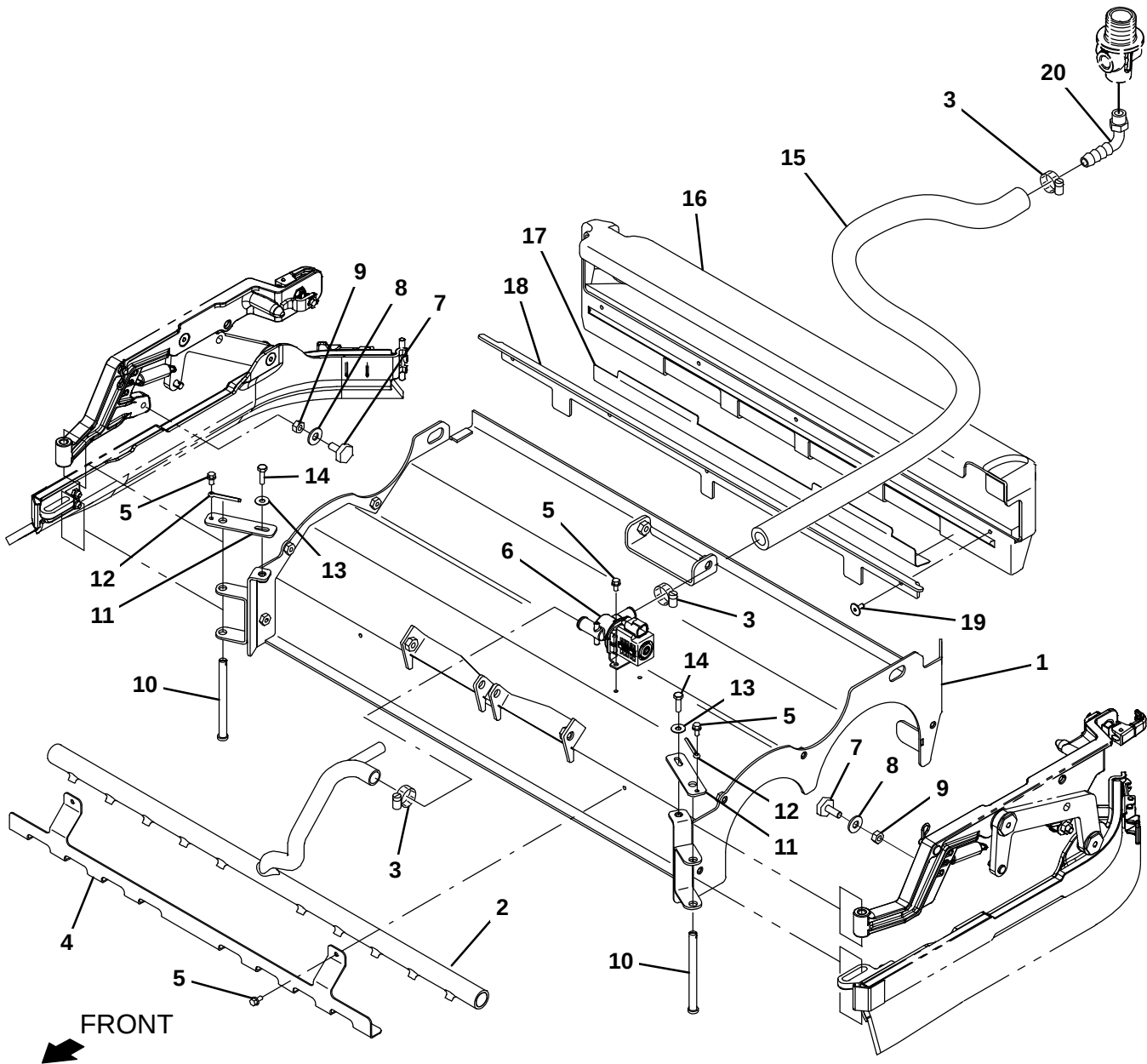


Fig. 13 – Scrub Head Frame Group, Cylindrical

Ref.	Part No.	Serial Number	Description	Qty.	
1	1200292	(30000000-39999999)	Head Wldt, Scb, Cyl	1	
2	1200012	(30000000-39999999)	Tube, Distribution, T12	1	
3	63810	(30000000-39999999)	Clamp, Hose, Wormdrive, 0.56-1.06d, .56w	3	
4	1201447	(30000000-39999999)	Bracket, Scrbr, Watertube	1	
5	223198	(30000000-39999999)	Screw, Hex, M5 X 0.80 X 10, Fmg	6	
6	1075240	(30000000-39999999)	Valve, Water, Solenoid, 36vdc Bm12/Bm12	1	
7	1204335	(30000000-39999999)	Bumper, Rbr, 1.0 Hex	2	
8	01685	(30000000-39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	2	
9	07786	(30000000-39999999)	Nut, Hex, Std, M8 X 1	2	
10	1205975	(30000000-39999999)	Pin, Clevis, 0.37d X 5.00l	2	
11	1202301	(30000000-39999999)	Bracket, Retainer, Pin	2	
12	08236	(30000000-39999999)	Pin, Cotter, .156 X 1.25	2	
13	01684	(30000000-39999999)	Washer, Flat, 0.27b 0.69d .05, Ss	2	
14	08716	(30000000-39999999)	Screw, Hex, M6 X 1.00 X 20, Ss	2	
15	1015026	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.62id, 03ft, Clr	1	
▽	16	9010927	(30000000-39999999)	Debris Tray, Cyl, Afmkt [T12]	1
▲	17	1201574	(30000000-39999999)	Angle, Stl, Perforated .03 1.4 1.4 22l	1
▲	18	1201126	(30000000-39999999)	Lip, Tray, Debris	1
▲	19	32548	(30000000-39999999)	Rivet, Blind, .188d X 0.45 X .62d, Alm	5
	20	630371	(30000000-39999999)	Fitting, Plstc, E90, Bm10/Pm08	1

Fig. 14 – Scrub Head Drive Motor Group, Cylindrical

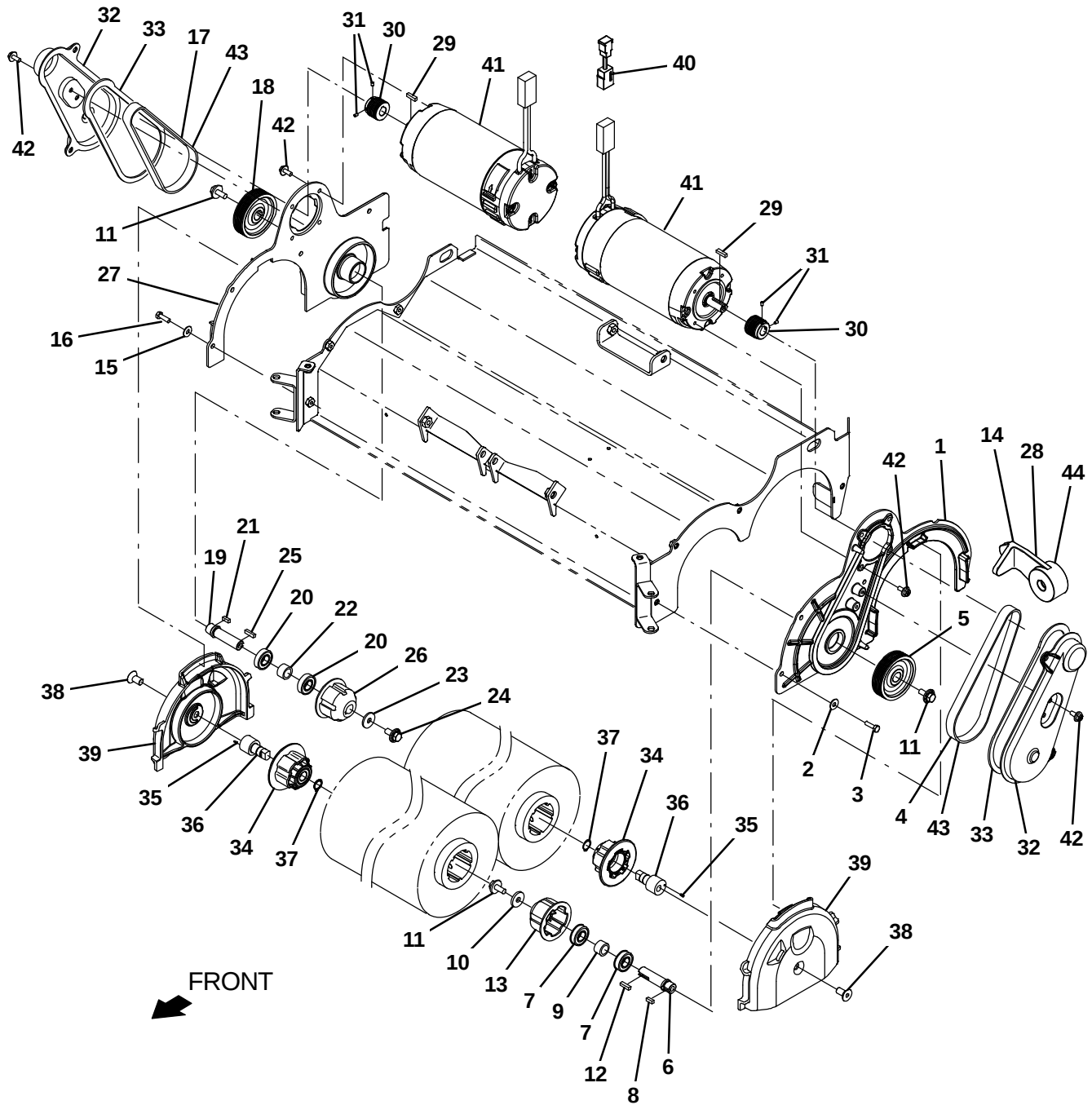


Fig. 14 – Scrub Head Drive Motor Group, Cylindrical

Ref.	Part No.	Serial Number	Description	Qty.
▽		9010939	(30000000-39999999) Side Panel Assy, Cyl, Lh, Afmkt [T12]	1
▲	1	1200900	(30000000-39999999) Plate, Side, Scrubhead, Lh	1
▲	2	01684	(30000000-39999999) Washer, Flat, 0.27b 0.69d .05, Ss	4
▲	3	08716	(30000000-39999999) Screw, Hex, M6 X 1.00 X 20, Ss	4
▲	4	1200334	(30000000-39999999) Belt, Drive	1
▲	5	1200215	(30000000-39999999) Sheave, 07grv, 2.96pd 0.63b [Pj]	1
▲	6	1200281	(30000000-39999999) Shaft, Drive	1
▲	7	41360	(30000000-39999999) Bearing, Ball, 0.59b 1.26d 0.35w[2seal]	2
▲	8	00961	(30000000-39999999) Key, Sq, 0.19 X 0.19, 0.50l	1
▲	9	1002077	(30000000-39999999) Tube, 0.59id 0.81od 00.5l	1
▲	10	41186	(30000000-39999999) Washer, Flat, Belleville, .31	1
▲	11	1020341	(30000000-39999999) Screw, Hex, M8 X 1.25 X 20, Ss, Sems	2
▲	12	00911	(30000000-39999999) Key, Sq, 0.19 X 0.19, 0.75l	1
▲	13	378805	(30000000-39999999) Plug, Drive, Brush, Mach	1
▲	14	1203758	(30000000-39999999) Tool, Installation, Belt	1
▽		9010940	(30000000-39999999) Side Panel Assy, Cyl, Rh, Afmkt [T12]	1
▲	15	01684	(30000000-39999999) Washer, Flat, 0.27b 0.69d .05, Ss	4
▲	16	08716	(30000000-39999999) Screw, Hex, M6 X 1.00 X 20, Ss	4
▲	17	1200334	(30000000-39999999) Belt, Drive	1
▲	18	1200215	(30000000-39999999) Sheave, 07grv, 2.96pd 0.63b [Pj]	1
▲	19	1200281	(30000000-39999999) Shaft, Drive	1
▲	20	41360	(30000000-39999999) Bearing, Ball, 0.59b 1.26d 0.35w[2seal]	2
▲	21	00961	(30000000-39999999) Key, Sq, 0.19 X 0.19, 0.50l	1
▲	22	1002077	(30000000-39999999) Tube, 0.59id 0.81od 00.5l	1
▲	23	41186	(30000000-39999999) Washer, Flat, Belleville, .31	1
▲	24	1020341	(30000000-39999999) Screw, Hex, M8 X 1.25 X 20, Ss, Sems	2
▲	25	00911	(30000000-39999999) Key, Sq, 0.19 X 0.19, 0.75l	1
▲	26	378805	(30000000-39999999) Plug, Drive, Brush, Mach	1
▲	27	1200898	(30000000-39999999) Plate, Side, Scrubhead, Rh	1
▲	28	1203758	(30000000-39999999) Tool, Installation, Belt	1
	29	1014328	(30000000-39999999) Key, Sq, 05mm X 05mm, 25mml	2
	30	1054581	(30000000-39999999) Sheave, 07grv, 1.22pd 0.55b [Pj]	2
	31	222818	(30000000-39999999) Screw, Set, Soc, 08-32 X 0.25, NI	4
	32	1200283	(30000000-39999999) Cover, Belt	2
	33	1201341	(30000000-39999999) Gasket, Cover, Belt	1
▽		222752	(30000000-39999999) Plug Assy, Idler, Brush	2
▲	34	1057629	(30000000-39999999) Plug, Idler, Brush [Sgl Brg]	1
▲	35	222184	(30000000-39999999) Pin, Roll, .094d X 0.25l, .094/.097	1
▲	36	222177	(30000000-39999999) Shaft, Plug, Idler	1
▲	37	01516	(30000000-39999999) Ring, Retaining, Ext, 0.59d, Basic	1
	38	390996	(30000000-39999999) Screw, Flt, Soc, M10 X 1.50 X 20,10.9,NI	2
	39	1200309	(30000000-39999999) Door, Brush	2
	40	1059170	(30000000-39999999) Harness, Wire, Adapter [Deutsch, Dtp]	1
	41	1053342	(30000000-39999999) Motor, Ele, 36vdc 1750rpm 1.00hp 22.0a (See Breakdowns)	2
	42	1034731	(30000000-39999999) Screw, Hex, M6 X 1.00 X 16, Ss, Sems	12
▽		9010935	(30000000-39999999) Belt, Cyl Head, W/Too;l, Afmkt	1
▲	43	1200334	(30000000-39999999) Belt, Drive	2
▲	44	1203758	(30000000-39999999) Tool, Installation, Belt	1

Fig. 15 – Scrub Head Side Squeegee Group, Right Hand

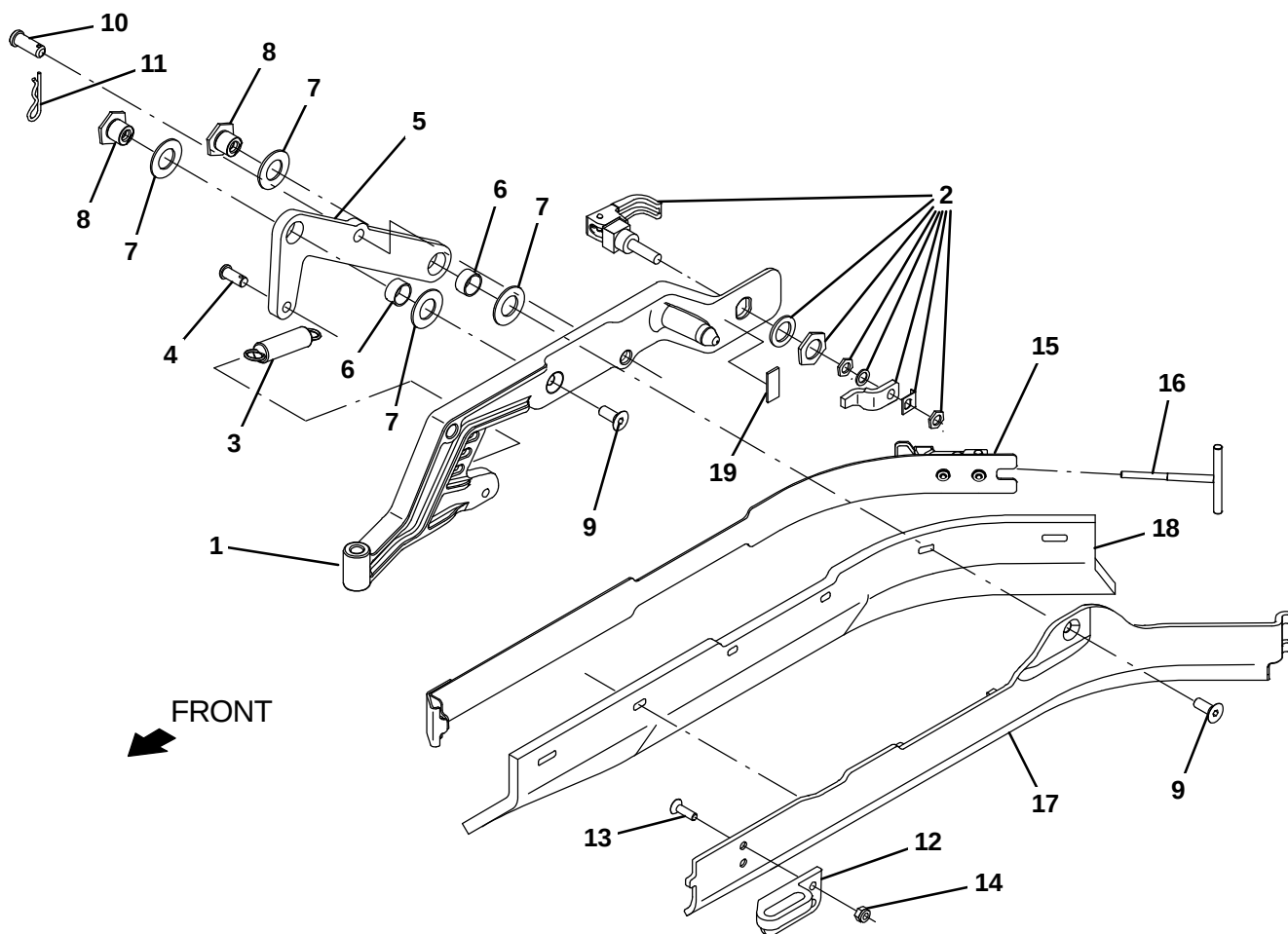


Fig. 15 – Scrub Head Side Squeegee Group, Right Hand

Ref.	Part No.	Serial Number	Description	Qty.
1	1202243	(30000000-39999999)	Door, Casting, Squeegee, Rh	1
2	1065134	(30000000-39999999)	Latch, Cmpr, Yel Grip	1
3	363469	(30000000-39999999)	Spring, Extn, 0.75od 0.10wir 03.0l	1
4	46800	(30000000-39999999)	Pin, Clevis, 0.31D X 0.75L	1
5	1202100	(30000000-39999999)	Bellcrank, Lift, Sqge [T12]	1
6	71607	(30000000-39999999)	Bushing, Sleeve, 0.63b 0.72d 0.38l	2
7	64425	(30000000-39999999)	Washer, Thrust, 0.61b 1.25d .06, Fgl	4
8	1200525	(30000000-39999999)	Nut, T, M8 X 1.25	2
9	79246	(30000000-39999999)	Screw, Flt, Soc, M8 X 1.25 X 20, 18-8,Ss	2
10	09088	(30000000-39999999)	Pin, Clevis, 0.37d X 1.00l	1
11	44906	(30000000-39999999)	Pin, Cotter, Hair, 0.38d .093 Wir	1
12	1243722	(30000000-39999999)	Block, Sqge, Guide, Rh	1
13	1016421	(30000000-39999999)	Screw, Flt, M6 X 1.0 X 20, Ss	2
14	08708	(30000000-39999999)	Nut, Hex, Lock, M6 X 1.00, NI	2
15	1201453	(30000000-39999999)	Strap Wldt, Sqge	1
16	1054312	(30000000-39999999)	Hook Wldt, Latch	1
17	1200221	(30000000-39999999)	Frame, Sqge, Side, Rh	1
18	1200430	(30000000-39999999)	Blade, Sqge, Side, 22.50l, Linatex (Standard)	1
18	1202159	(30000000-39999999)	Blade, Sqge, Side, 22.50l, Urethane (Option)	1
18	1202160	(30000000-39999999)	Blade, Sqge, Side, 22.50l, Gum (Option)	1
19	1243007	(30000000-39999999)	Gasket, Cushion, Side Squeegee Door	1

Fig. 16 – Scrub Head Side Squeegee Group, Left Hand

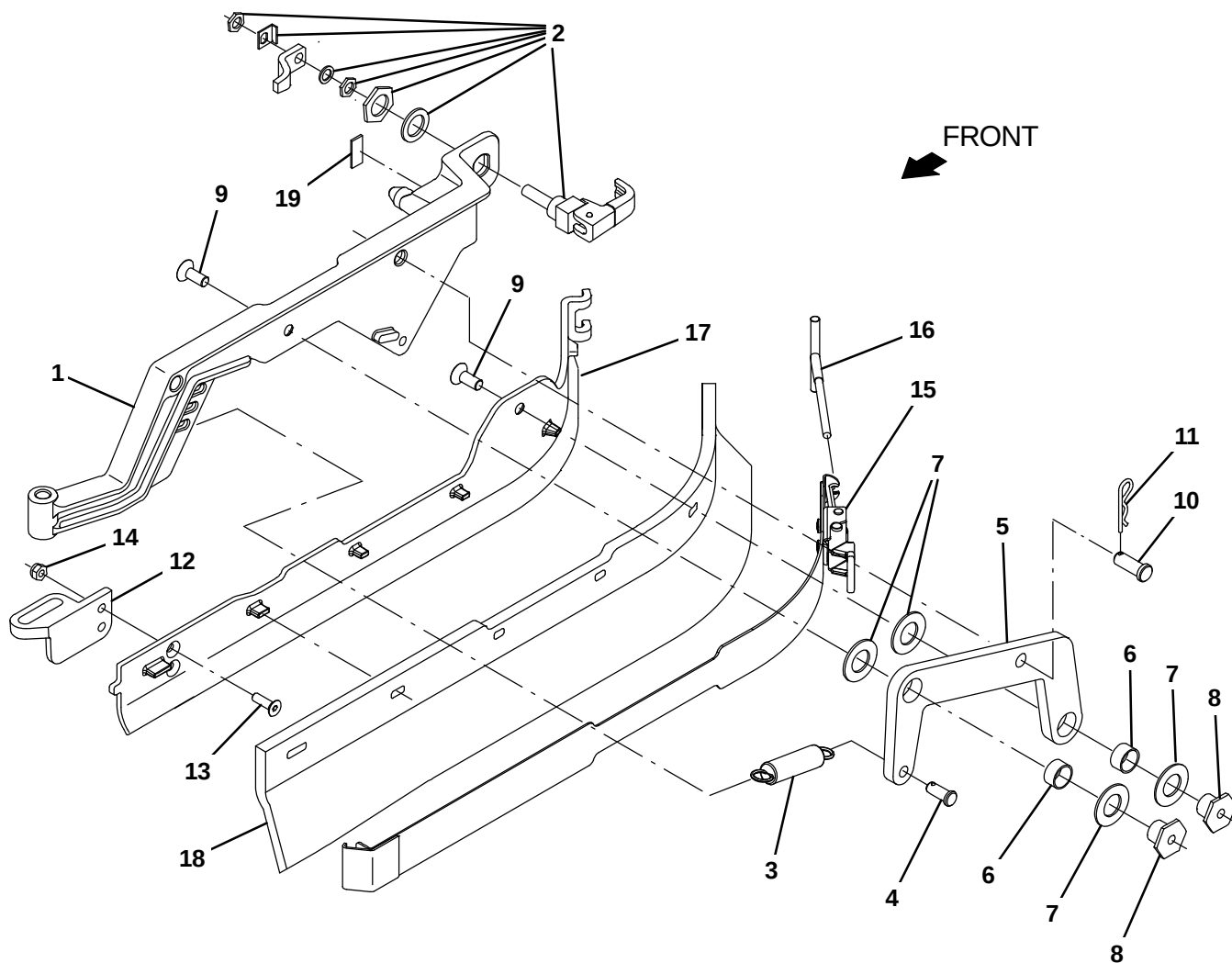


Fig. 16 – Scrub Head Side Squeegee Group, Left Hand

Ref.	Part No.	Serial Number	Description	Qty.
1	1202221	(30000000-39999999)	Door, Casting, Squeegee, Lh	1
2	1065134	(30000000-39999999)	Latch, Cmpr, Yel Grip	1
3	363469	(30000000-39999999)	Spring, Extn, 0.75od 0.10wir 03.0l	1
4	46800	(30000000-39999999)	Pin, Clevis, 0.31D X 0.75L	1
5	1200213	(30000000-39999999)	Bellcrank, Lift, Sqge [T12]	1
6	71607	(30000000-39999999)	Bushing, Sleeve, 0.63b 0.72d 0.38l	2
7	64425	(30000000-39999999)	Washer, Thrust, 0.61b 1.25d .06, Fgl	4
8	1200525	(30000000-39999999)	Nut, T, M8 X 1.25	2
9	79246	(30000000-39999999)	Screw, Flt, Soc, M8 X 1.25 X 20, 18-8,Ss	2
10	09088	(30000000-39999999)	Pin, Clevis, 0.37d X 1.00l	1
11	44906	(30000000-39999999)	Pin, Cotter, Hair, 0.38d .093 Wir	1
12	1243718	(30000000-39999999)	Block, Guide, Sqge	1
13	1016421	(30000000-39999999)	Screw, Flt, M6 X 1.0 X 20, Ss	2
14	08708	(30000000-39999999)	Nut, Hex, Lock, M6 X 1.00, NI	2
15	1201453	(30000000-39999999)	Strap Wldt, Sqge	1
16	1054312	(30000000-39999999)	Hook Wldt, Latch	1
17	1200011	(30000000-39999999)	Frame, Sqge, Side, Lh	1
18	1200430	(30000000-39999999)	Blade, Sqge, Side, 22.50l, Linatex (Standard)	1
18	1202159	(30000000-39999999)	Blade, Sqge, Side, 22.50l, Urethane (Option)	1
18	1202160	(30000000-39999999)	Blade, Sqge, Side, 22.50l, Gum (Option)	1
19	1243007	(30000000-39999999)	Gasket, Cushion, Side Squeegee Door	1

Fig. 17 – Recovery Tank Group

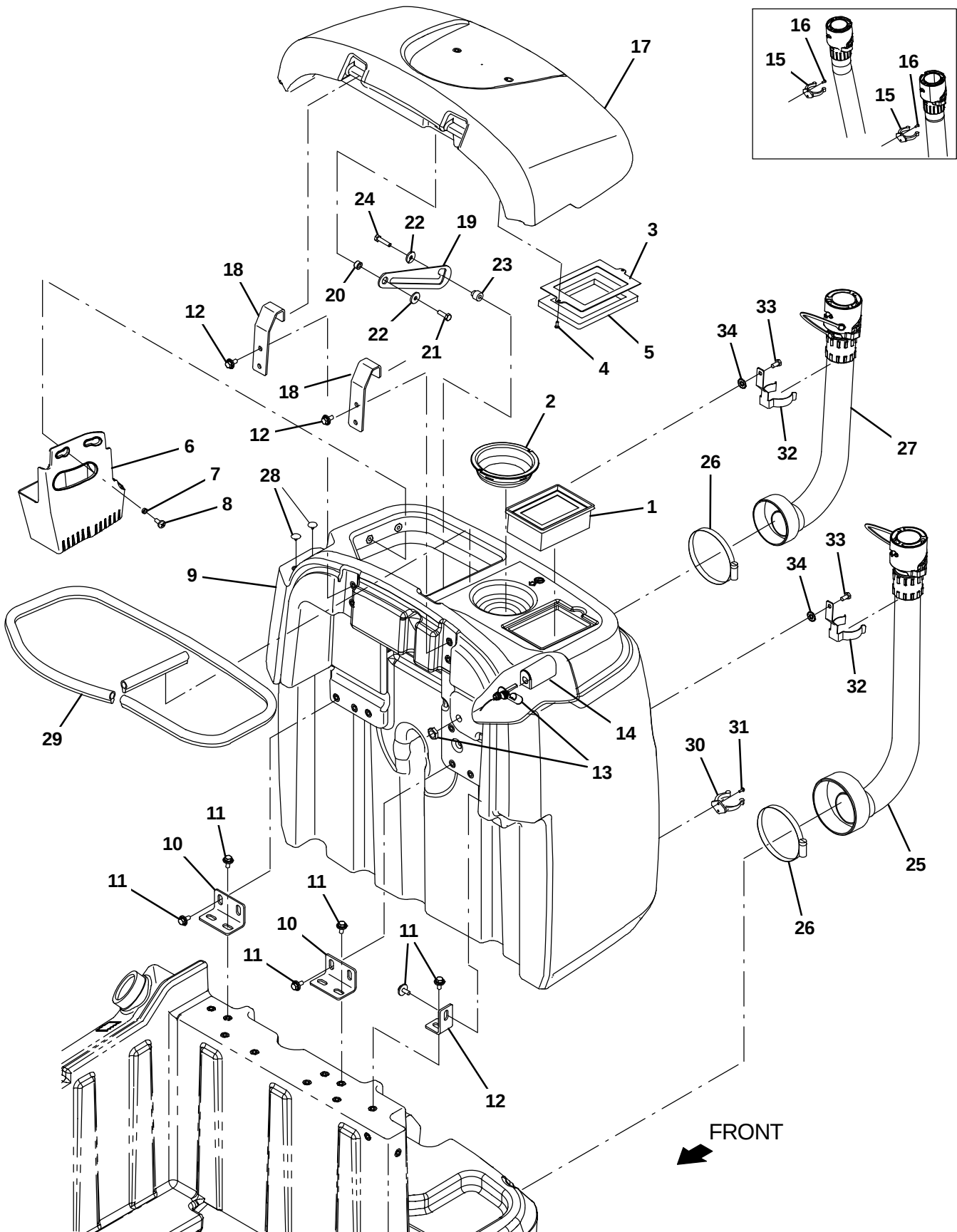


Fig. 17 – Recovery Tank Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1037821	(30000000–39999999)	Filter, Panl, Dust, 2.3 X 04.5 X 06.4	1
2	1026014	(30000000–39999999)	Screen, Vacuum	1
3	1201157	(30000000–39999999)	Plate, Mtg, Gasket	1
4	140825	(30000000–39999999)	Screw, Pan, Phl, 06 X 0.50, Fmg/Ab, Blk	2
5	1016392	(30000000–39999999)	Gasket, Ure, .50, 03.74w 05.31l, Adh	1
6	1201340	(30000000–39999999)	Tray, Debris	1
7	1066720	(30000000–39999999)	Sleeve, P/M, 0.32b 0.44d 0.2l [430ss]	2
8	09737	(30000000–39999999)	Screw, Pan, Phl, M8 X 1.25 X 20, 4.8	2
9	9010920	(30000000–39999999)	Recovery Tank, Afmkt [T12]	1
9	9011173	(30000000–39999999)	Recovery Tank, Afmkt, Jp [T12]	1
10	1200458	(30000000–39999999)	Bracket, Mtg, Tank	3
11	1020341	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	18
12	1054823	(30000000–39999999)	Angle, Mtg, Tank	1
13	385685	(30000000–39999999)	Sensor, Level, Liq, 14vdc 01a .62–11	1
14	1019285	(30000000–39999999)	Bracket, Protector, Float Switch	1
15	1200746	(30000000–30079418)	Clip, Hose, Plstc 1.88–2.12	2
16	49697	(30000000–30079418)	Screw, Pan, Phl, M4 X 0.70 X 10, Ss	4
17	9010921	(30000000–39999999)	Cover, Recovery Tank, Afmkt [T12]	1
18	1200519	(30000000–39999999)	Bracket, Mtg, Cover	2
19	1057214	(30000000–39999999)	Plate, Arm, Prop	1
20	360460	(30000000–39999999)	Sleeve, P/M, 0.34b 0.63d 0.4l, Ss / Oil	1
21	12333	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 25, Ss, NI	1
22	1017218	(30000000–39999999)	Washer, Flat, 0.32b 1.00d .12, Ss	2
23	230735	(30000000–39999999)	Sleeve, P/M, Flng, 0.33b 0.75/0.50d 0.8l	1
24	59658	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 35, NI, Ss	1
25	9013951	(30000000–30079418)	Hose Kit, Mtg, Brkt T12 (819.0) (Solution Tank)	1
25	1216347	(30079419–39999999)	Hose Assy, Drain. 2.0ID x 32.2L, Blk (Solution Tank)	1
26	1201434	(30000000–39999999)	Clamp, Hose, Wormdrive, 4.63–5.50, 0.5w	2
27	9013950	(30000000–30079418)	Hose kit, Mtg, Brk, T12 (665.5) (Recovery Tank)	1
27	1216370	(30079419–39999999)	Hose Assy, Drain, 2.0ld X 26.2L, Blk (Recovery Tank)	1
28	1066063	(30000000–39999999)	Plug, Hole, Rnd, 0.25H 0.43L, Brb, Nyl	4
29	1066433	(30000000–39999999)	Seal, Afmkt, Bulb, Dual, 08ft [F/.30gap]	1
30	1200746	(30000000–39999999)	Clip, Hose, Plstc 1.88–2.12	1
31	49697	(30000000–39999999)	Screw, Pan, Phl, M4 X 0.70 X 10, Ss	2
32	1213730	(30079419–39999999)	Bracket, Mtg, Hose	2
33	15675	(30079419–39999999)	Screw, Hex, M8 X 1.25 X 16, Ss	2
34	41141	(30079419–39999999)	Washer, Lock, Int–Ext, 0.31	2

Fig. 18 – Vacuum Fan Group

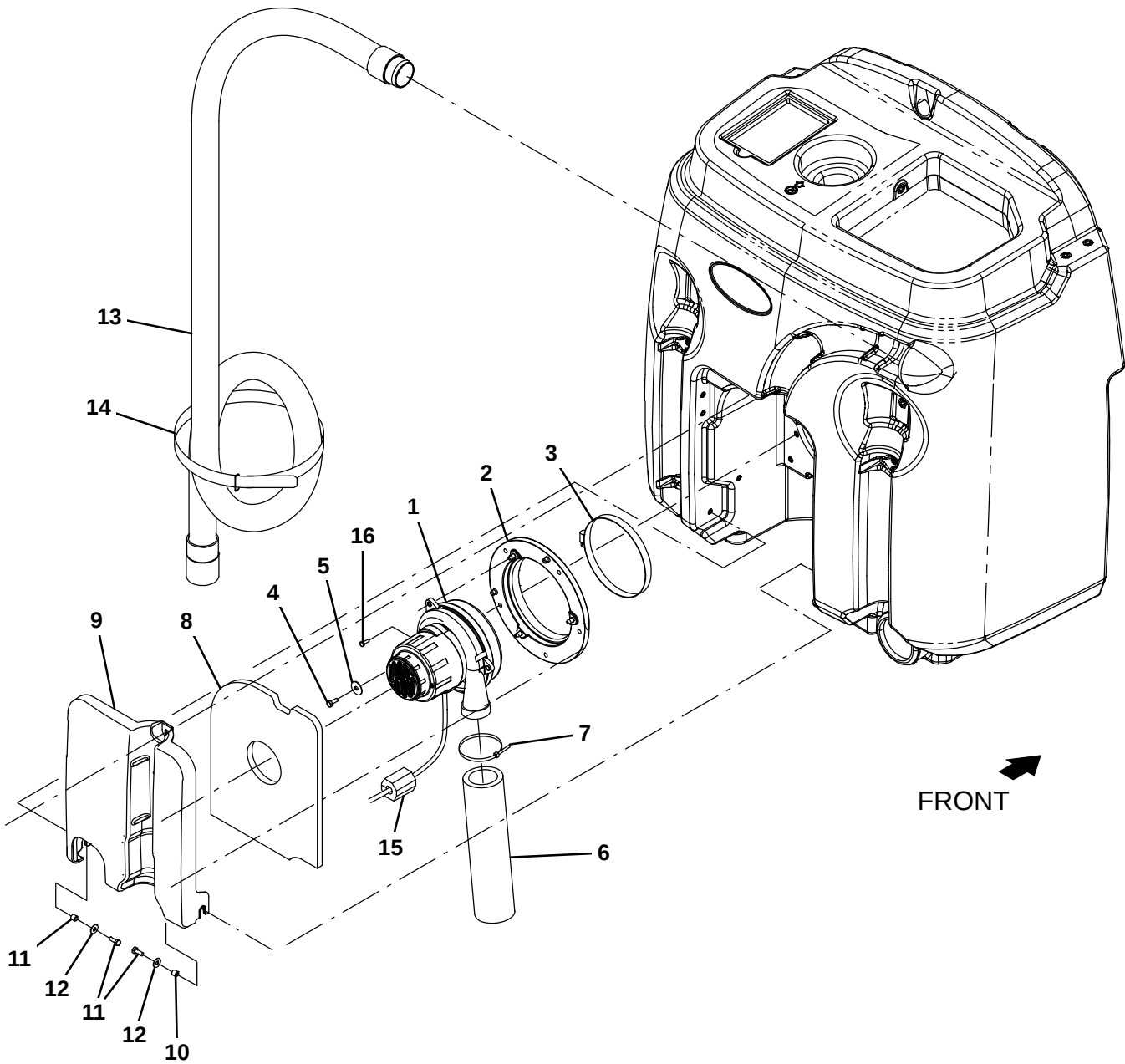


Fig. 18 – Vacuum Fan Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1200149	(30000000–39999999)	Fan, Vac, 6.6 Dia, Ametek	1
▲		1206774	(30000000–39999999)	Brush Kit, Motor, Fan	1
	2	1201267	(30000000–39999999)	Assy, Seal, Mtg, Vacfan	1
	3	49891	(30000000–39999999)	Clamp, Hose, Wormdrive, 5.56–6.50d, .56w	1
	4	08716	(30000000–39999999)	Screw, Hex, M6 X 1.00 X 20, Ss	5
	5	29570	(30000000–39999999)	Washer, Flat, 0.28b 1.00d .06, Stl	5
	6	1203848	(30000000–39999999)	Muffler, Vacfan, 11.0 L	1
	7	130773	(30000000–39999999)	Tie, Cable, Nyl, 11.0l, .14w, 3.0 Max. D	1
	8	1200369	(30000000–39999999)	Insulation, Acstc, 0.5, 10.4 X 13.0 C–0	1
	9	1200649	(30000000–39999999)	Cover, Fan, Vacuum	1
	10	140154	(30000000–39999999)	Sleeve, P/M, 0.25b 0.38d 0.3l, Pl	2
	11	15678	(30000000–39999999)	Screw, Hex, M6 X 1.00 X 16, Ss	2
	12	01684	(30000000–39999999)	Washer, Flat, 0.27b 0.69d .05, Ss	2
	13	1201875	(30000000–39999999)	Hose, Vacuum, 1.75id X 68.6l, 2 Cuff	1
	14	1067964	(30000000–39999999)	Fastener, 25.0 [Hook & Loop]	1
	15	1052126	(30000000–39999999)	Inductor, 12.7Mmid [156 Imp At 25Mz] (Australia Only)	1
	16	16944	(30000000–39999999)	Screw, hex, m4 X 0.70 X 10, Fmg	1

Fig. 19 – Solution Tank Group

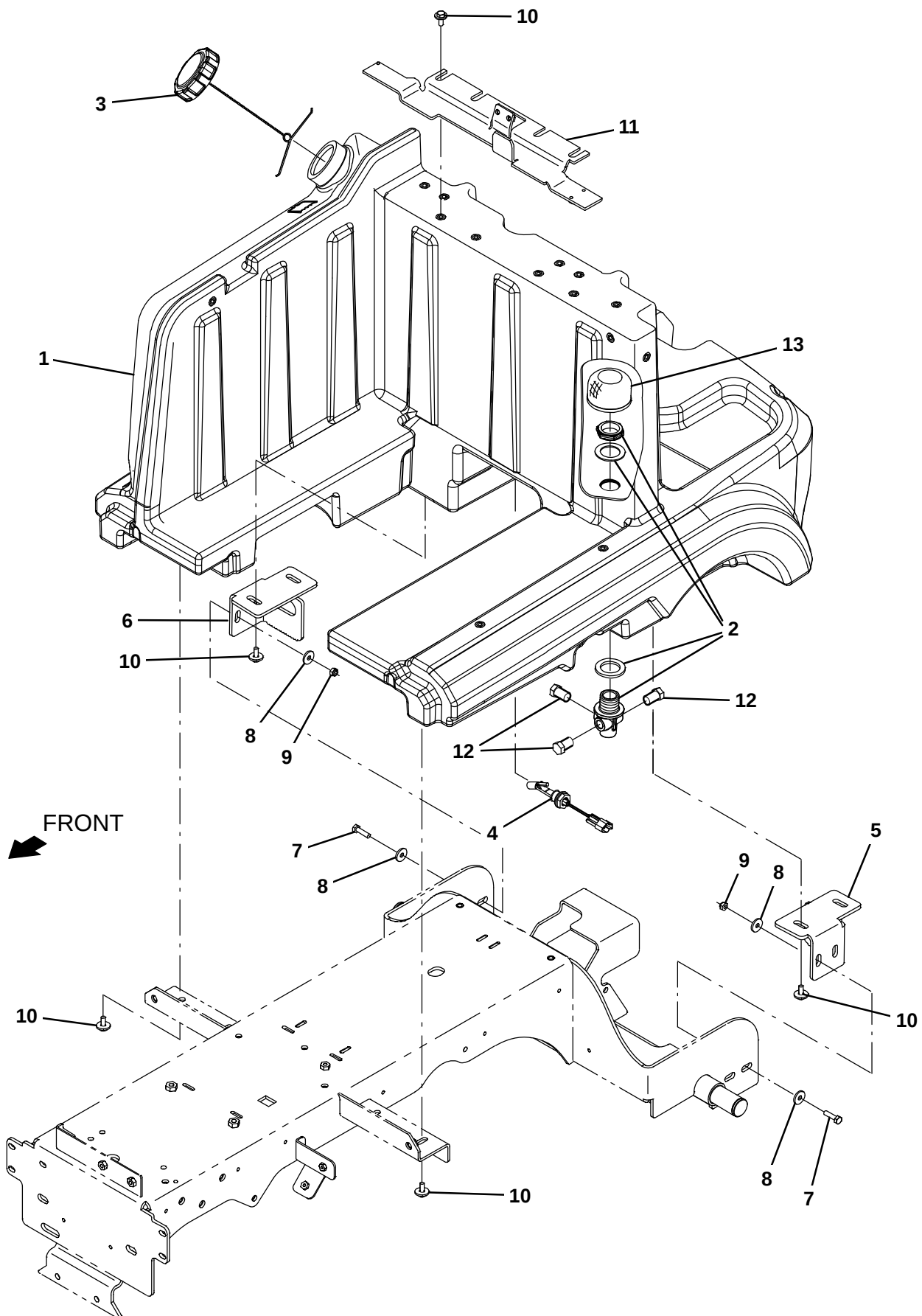


Fig. 19 – Solution Tank Group

Ref.	Part No.	Serial Number	Description	Qty.
1	9010919	(30000000–39999999)	Solution Tank, Afmkt [T12]	1
2	1059317	(30000000–39999999)	Fitting Assy, Soltn, Bh	1
3	1011885	(30000000–39999999)	Cap, Tank	1
4	1201588	(30000000–39999999)	Sensor, Level, Liq, 30watt, Spst	1
5	1201077	(30000000–39999999)	Bracket, Sppt, Tank, Lh	1
6	1201079	(30000000–39999999)	Bracket, Sppt, Tank, Rh	1
7	12317	(30000000–39999999)	Screw, Hex, M10 X 1.50 X 30, Ss	4
8	01686	(30000000–39999999)	Washer, Flat, 0.44b 1.00d .08, Ss	8
9	08714	(30000000–39999999)	Nut, Hex, Lock, M10 X 1.5, NI, Ss	4
10	1020341	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	12
11	1205727	(30000000–39999999)	Bracket Wldt, Sppt, Seat	1
12	630146	(30000000–39999999)	Fitting, Plug, Pm06, Nyl	3
13	1027290	(30000000–39999999)	Filter, Soltn, 020Mesh, Pm12 3.1D 02.6L	1

Fig. 20 – Rear Squeegee Lift Group

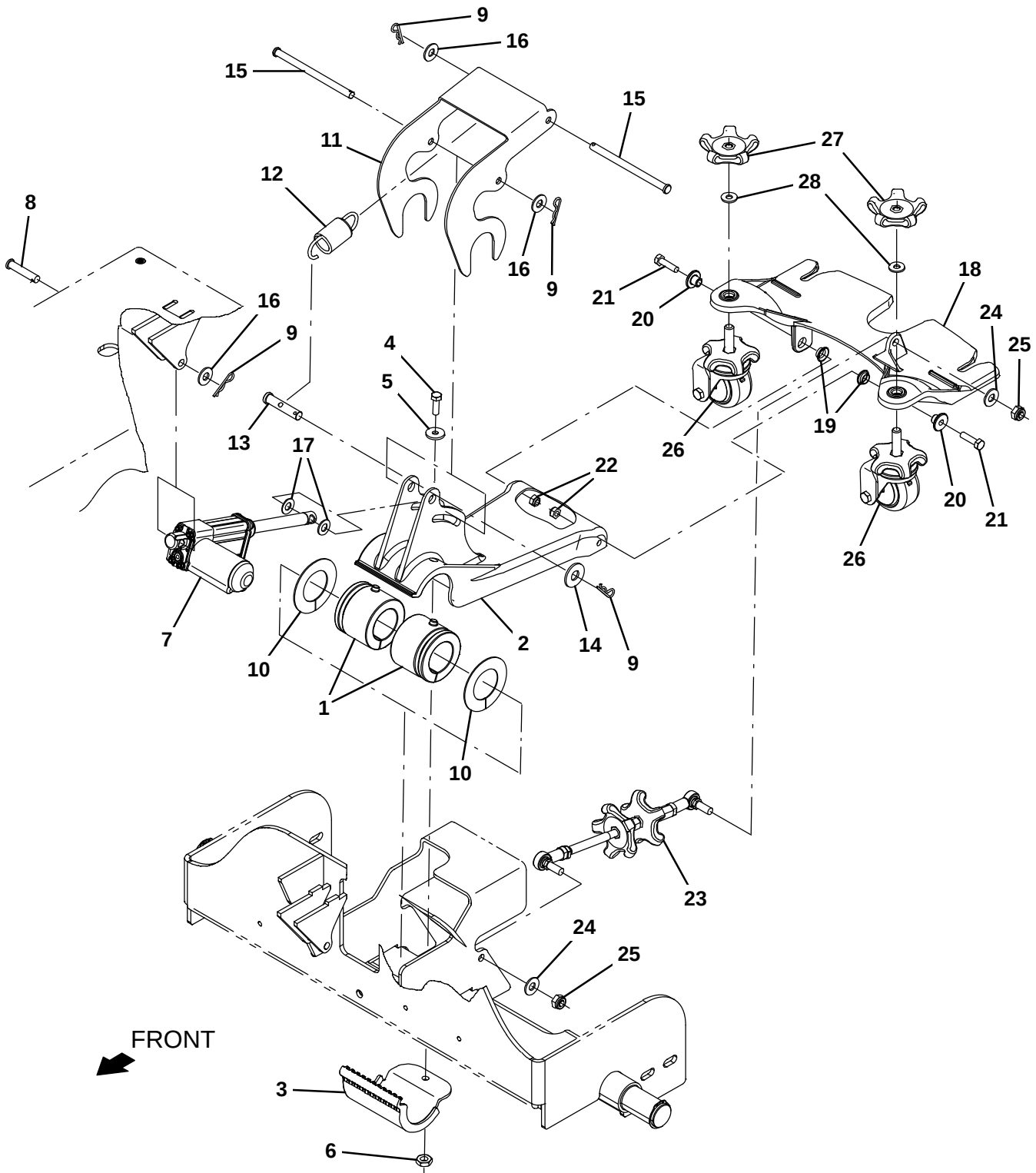


Fig. 20 – Rear Squeegee Lift Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1053815	(30000000–39999999)	Bushing, Flex, Ure	2
2	1053870	(30000000–39999999)	Arm, Lift, Sqge	1
3	1053814	(30000000–39999999)	Clamp, Pivot, Link	1
4	09010	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 25, Ss	1
5	1017218	(30000000–39999999)	Washer, Flat, 0.32b 1.00d .12, Ss	1
6	08713	(30000000–39999999)	Nut, Hex, Lock, M8 X 1.25, NI, Ss	3
7	1201489	(30000000–39999999)	Actuator, 36vdc, 02.0strk, 0180lb	1
8	94877	(30000000–39999999)	Pin, Clevis, 10mmd X	1
9	44906	(30000000–39999999)	Pin, Cotter, Hair, 0.38d .093 Wir	4
10	1059969	(30000000–39999999)	Washer, Thrust, 1.81b 2.93d .06w, Plstc	2
11	1059316	(30000000–39999999)	Link, Tensioner, Spring	1
12	1201370	(30000000–39999999)	Spring, Extn, 1.26od 0.162wir 03.3l	1
13	1059498	(30000000–39999999)	Pin, Clevis, 0.50d X 2.25l	1
14	32493	(30000000–39999999)	Washer, Flat, 0.50, Std	1
15	1059338	(30000000–39999999)	Pin, Clevis, 0.37d X 5.25l	2
16	01686	(30000000–39999999)	Washer, Flat, 0.44b 1.00d .08, Ss	5
17	1018151	(30000000–39999999)	Washer, Flat, 0.44b 0.88d .06, Nyl	2
18	1204957	(30000000–39999999)	Coupling, Sqge	1
19	1054662	(30000000–39999999)	Bushing, Flng, 0.50b 0.59d 0.25l	2
20	1059990	(30000000–39999999)	Sleeve, Flng, 0.32b 1.00/0.50d 0.6l, Ss	2
21	09011	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 30, Ss	2
22	08713	(30000000–39999999)	Nut, Hex, Lock, M8 X 1.25, NI, Ss	2
23	9010937	(30000000–39999999)	Turnbuckle Replmt, Afmkt [T12]	1
24	01686	(30000000–39999999)	Washer, Flat, 0.44b 1.00d .08, Ss	2
25	08714	(30000000–39999999)	Nut, Hex, Lock, M10 X 1.5, NI, Ss	2
26	1205850	(30000000–39999999)	Caster Assy, Swivel	2
27	1055516	(30000000–39999999)	Knob Assy, Star, 3.21d 5ear M12	2
28	578430	(30000000–39999999)	Washer, Flat, 0.50d, PI [Spring-Disc]	2

Fig. 21 – Rear Squeegee Kit

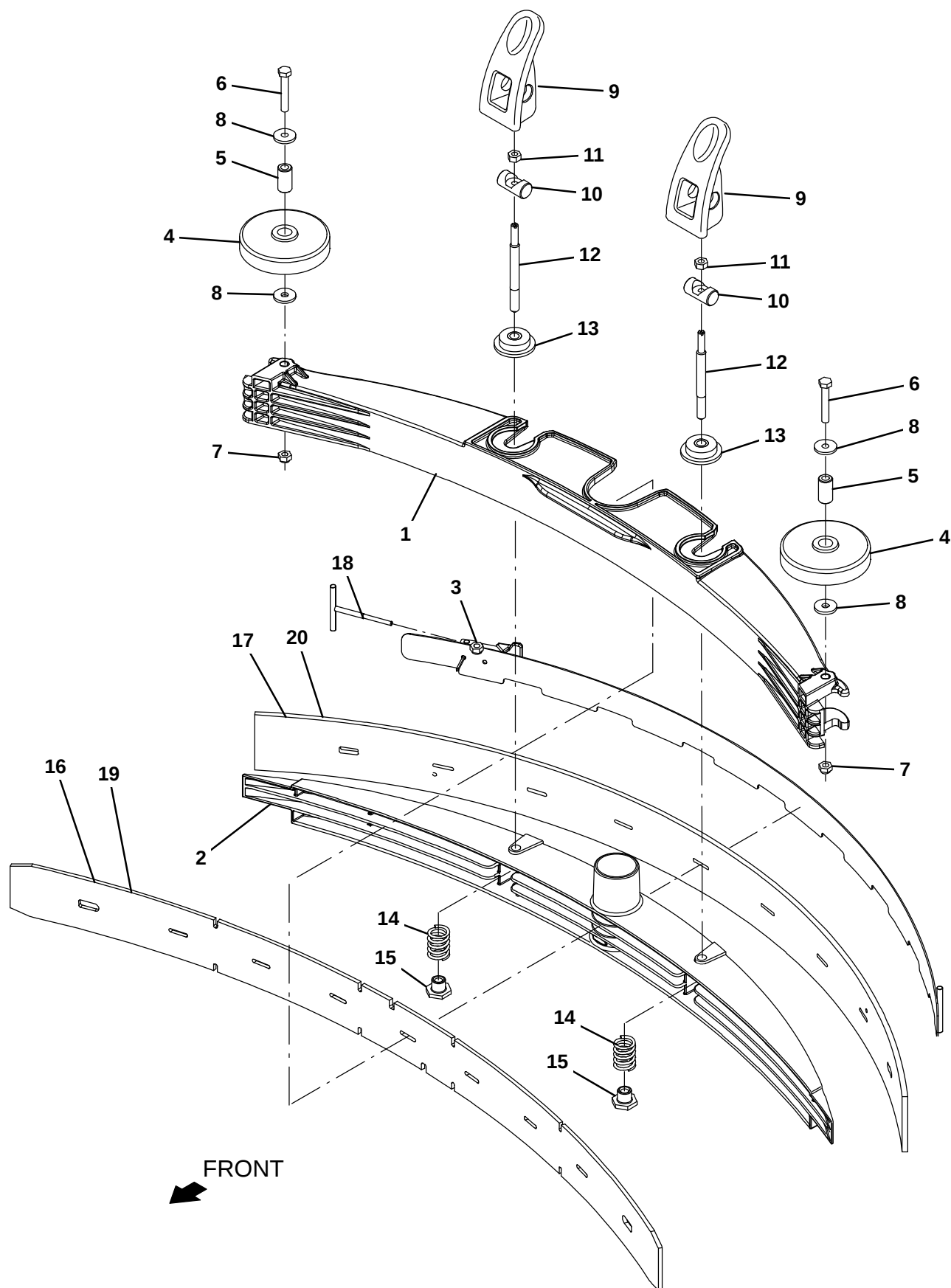


Fig. 21 – Rear Squeegee Kit

Ref.	Part No.	Serial Number	Description	Qty.
▽	9009817	(30000000–39999999)	Squeegee Kit, Rear, Ci [T12]	1
▲	1 1200219	(30000000–39999999)	Frame, Sqge, Outer	1
▲	2 1200218	(30000000–39999999)	Frame, Sqge, Inner	1
▲	3 1200466	(30000000–39999999)	Clamp Wldt, Retainer, Sqge	1
▲	4 363162	(30000000–39999999)	Wheel, 04.0d 0.89w 0.64b	2
▲	5 363301	(30000000–39999999)	Sleeve, P/M, 0.34b 0.63d 1.2l, Bnz	2
▲	6 49694	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 50, Ss	2
▲	7 08713	(30000000–39999999)	Nut, Hex, Lock, M8 X 1.25, NI, Ss	2
▲	8 1017218	(30000000–39999999)	Washer, Flat, 0.32b 1.00d .12, Ss	4
▲	9 1052532	(30000000–39999999)	Grip, Lock	2
▲	10 1055396	(30000000–39999999)	Pin, 0.63d, 02.0l [W/Cbore, M8 Screw]	2
▲	11 07786	(30000000–39999999)	Nut, Hex, Std, M8 X 1	2
▲	12 1057407	(30000000–39999999)	Rod, Thrld, 2end, M8x1.25/ M10x1.5 04.7l	2
▲	13 1055506	(30000000–39999999)	Ring, Mtg, Sqge, .38l	2
▲	14 1064770	(30000000–39999999)	Spring, Cmpr, 0.98od .13wir 01.3l, Ss	2
▲	15 391345	(30000000–39999999)	Nut, T, M10 X 1.50 X 0.62od X 0.5l	2
▲	16 1200383	(30000000–39999999)	Blade, Sqge, Front, 42.59l [Linard]	1
▲	17 1200384	(30000000–39999999)	Blade, Sqge, Rear, 44.96l Linatex	1
▲	18 1054312	(30000000–39999999)	Hook Wldt, Latch	
	19 1201825	(30000000–39999999)	Blade, Sqge, Front, 42.59L [Gum] (Option)	1
	19 1201823	(30000000–39999999)	Blade, Sqge, Front, 42.59l [Urethane] (Option)	1
	19 1212213	(30000000–39999999)	Blade, Sqge, Front, Tile, Tile, 42.59L [Linard} (Option)	1
	20 1201826	(30000000–39999999)	Blade, Sqge, Rear, 44.96l Gum (Option)	1
	20 1201824	(30000000–39999999)	Blade, Sqge, Rear, 44.96l Urethane (Option)	1

Fig. 22 – Electrical Circuit Board Group

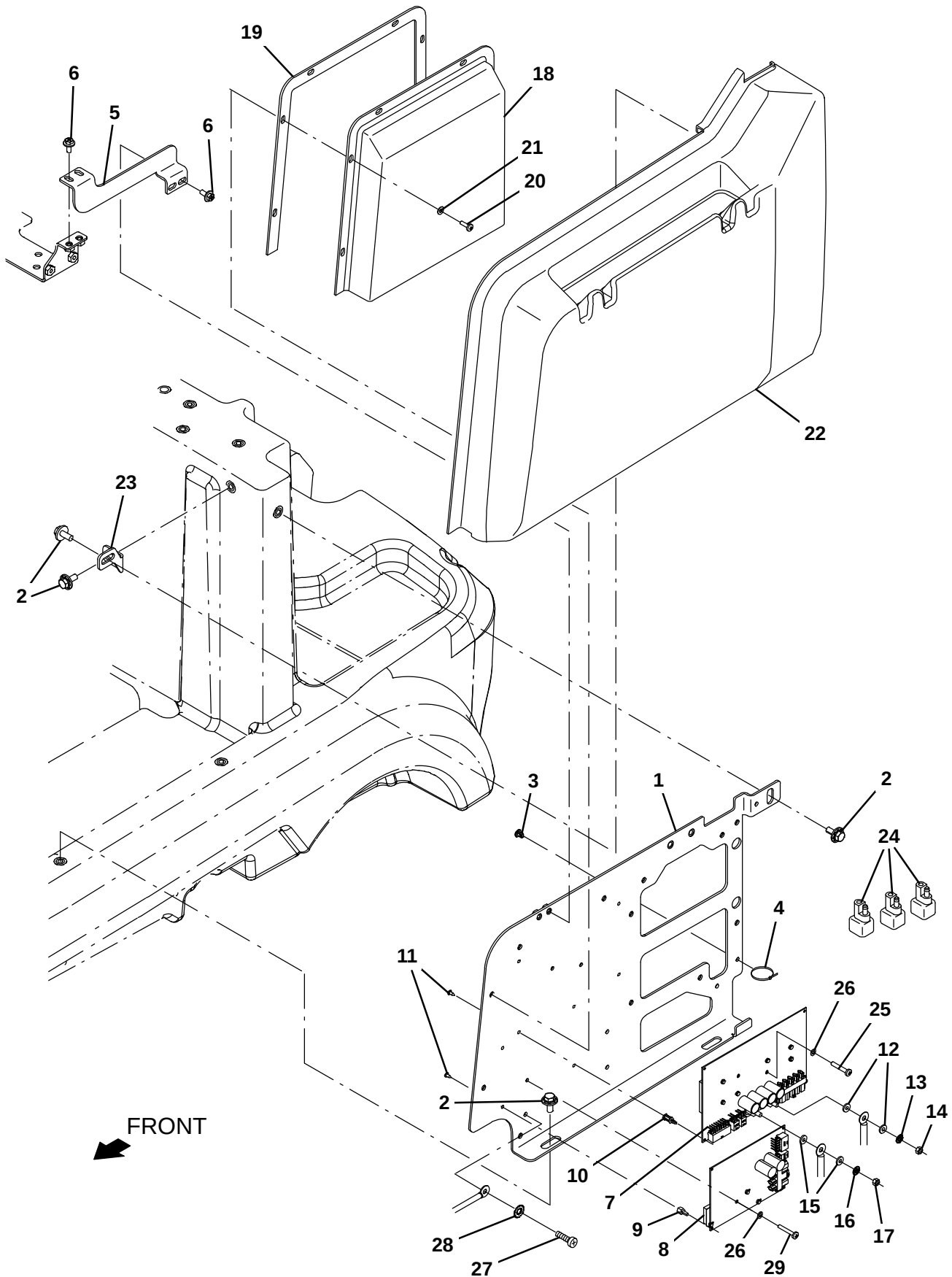


Fig. 22 – Electrical Circuit Board Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1200918	(30000000–39999999)	Plate Wldt, Mtg, Electronic Component	1
2	1020341	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	5
3	1202868	(30000000–39999999)	Clip, Tie, 0.25d, Plstc	7
4	130773	(30000000–39999999)	Tie, Cable, Nyl, 11.0l, .14w, 3.0 Max. D	7
5	1203717	(30000000–39999999)	Bracket, Stiffener	1
6	1034731	(30000000–39999999)	Screw, Hex, M6 X 1.00 X 16, Ss, Sems	4
7	9010931	(30000000–39999999)	Circuit Board Kit, Scrub, Afmkt [T12]	1
8	9010932	(30000000–39999999)	Circuit board Kit, H20_Sba, Afmkt [T12]	1
9	1016825	(30000000–39999999)	Support, Circuitboard	4
10	1202869	(30000000–39999999)	Support, Circuitboard [0.5"]	4
11	3701.6	(30000000–39999999)	Screw, Pan, Phl, 06–32 x 0.38, Shmtl, Ss	8
12	1202862	(30000000–39999999)	Washer, Flat, .21b .39d .04, Brs	2
13	07514	(30000000–39999999)	Washer, Lock, Int, 10, Ss	1
14	1202864	(30000000–39999999)	Nut, Hex, Std, M5 X 0.80, Brs	1
15	1061918	(30000000–39999999)	Washer, Flat, 0.25b 0.47d .06, Brs	2
16	07515	(30000000–39999999)	Washer, Lock, Int, 0.25, Ss	1
17	1061910	(30000000–39999999)	Nut, Hex, Std, M6 X 1.00, Brs	1
18	1200792	(30000000–39999999)	Cover, Box, Circuitboard	1
19	1201210	(30000000–39999999)	Gasket, Cover, Circuitboard	1
20	06934	(30000000–39999999)	Screw, Pan, Phl, M5 X 0.80 X 20, 4.8	6
21	140011	(30000000–39999999)	Washer, Flat, 0.21b 0.45d .03, Ss	6
22	9010922	(30000000–39999999)	Side Cover, Std, Afmkt [T12]	1
23	1201024	(30000000–39999999)	Bracket, Mtg, Panel	1
24	222290	(30000000–39999999)	Diode, Ele, Plug	3
25	06929	(30000000–39999999)	Screw, Pan, Phl, M4 X 0.70 X 25, 4.8	2
26	1202860	(30000000–39999999)	Washer, Flat, 0.17b 0.31d .03, Nyl	3
27	24199	(30000000–39999999)	Screw, Hex, M5 X 0.80 X 16, Ss	1
28	41140	(30000000–39999999)	Washer, Lock, Int–Ext, 0.25	1
29	24265	(30000000–39999999)	Screw, Pan, Phl, M4 X 0.70 X 16, Ss	1

Fig. 23 – Electrical Contactor and Wires Group

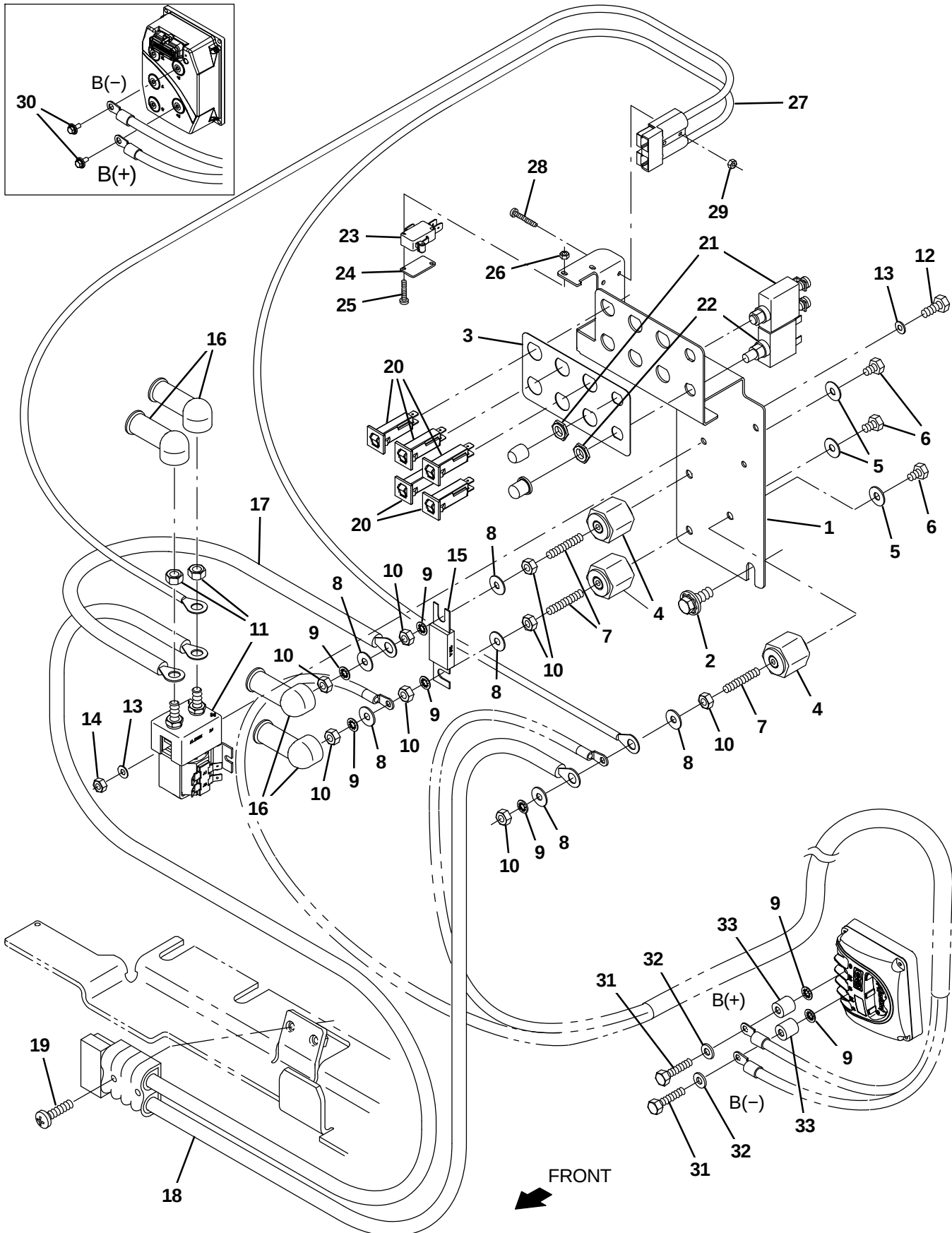


Fig. 23 – Electrical Contactor and Wires Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1246191	(30000000-39999999)	Plate, Electrical	1
2	1020341	(30000000-39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	2
3	1200913	(30000000-39999999)	Label, Circuitbreaker	1
4	76062	(30000000-39999999)	Stand-Off, Wir, 0.25, Insulator, Panel	3
5	01684	(30000000-39999999)	Washer, Flat, 0.27b 0.69d .05, Ss	3
6	58670	(30000000-39999999)	Screw, Hex, .25-20 X 0.50, NI	3
7	41702	(30000000-39999999)	Rod, Thrld, Full, .25-20 01.5l	3
8	32490	(30000000-39999999)	Washer, Flat, 0.25, Std	6
9	32982	(30000000-39999999)	Washer, Lock, Int, 0.25	7
10	01690	(30000000-39999999)	Nut, Hex, Std, .25-20	8
11	397609	(30000000-39999999)	Contactor, 36vdc, No	1
12	09738	(30000000-39999999)	Screw, Hex, M5 X 0.80 X 12, Ss	2
13	140011	(30000000-39999999)	Washer, Flat, 0.21b 0.45d .03, Ss	4
14	09739	(30000000-39999999)	Nut, Hex, Lock, M5 X 0.80, NI, Ss	2
15	87318	(30000000-39999999)	Fuse, 080a, 0.88 2.4l, 125volt, Slow-Blow	1
16	1016314	(30000000-39999999)	Boot, 90deg .50id 1.00id 2.50l, Red	4
17	1069894	(30000000-39999999)	Cable, 06ga 5.5l Brown .25ring /.312ring	1
18	1069897	(30000000-39999999)	Cable, Battery, 4ga, .25ring /.312ring	1
19	33944	(30000000-39999999)	Screw, Pan, Phl, M6 X 1.00 X 35, 4.8	2
20	1064184	(30000000-39999999)	Circuitbreaker, 02.5a, Resetable	5
21	383724	(30000000-39999999)	Circuitbreaker, 25.0a, Resetable	1
22	1206757	(30000000-39999999)	Circuitbreaker, 60.0a, resetable	1
23	600437	(30000000-39999999)	Switch, Snap, 15a, Rlr	1
24	601359	(30000000-39999999)	Plate, Backing, Switch	1
25	06922	(30000000-39999999)	Screw, Pan, Phl, M3 X 0.50 X 20, 4.8	2
26	01754	(30000000-39999999)	Nut, Hex, Std, M3 X 0	2
27	1059169	(30000000-39999999)	Cable Assy, 10ga .25ring /.31ring, 050a	1
28	25005	(30000000-39999999)	Screw, Pan, Phl, 06-32 X 1.00, G1	2
29	75939	(30000000-39999999)	Nut, Hex, Lock, #06-32, NI	2
30	1034731	(30000000-30077834)	Screw, Hex, M6 X 1.00 X 16, Ss, Sems	2
31	06946	(30077835-39999999)	Screw, Hex, M6 X 1.00 X 35, 8.8	2
32	32483	(30077835-39999999)	Washer, Flat, 0.25, Sae	2
33	1206722	(30077835-39999999)	Sleeve, P/M, 0.25B 0.38D 0.8L	2

Fig. 24 – Battery Group, 240Ah

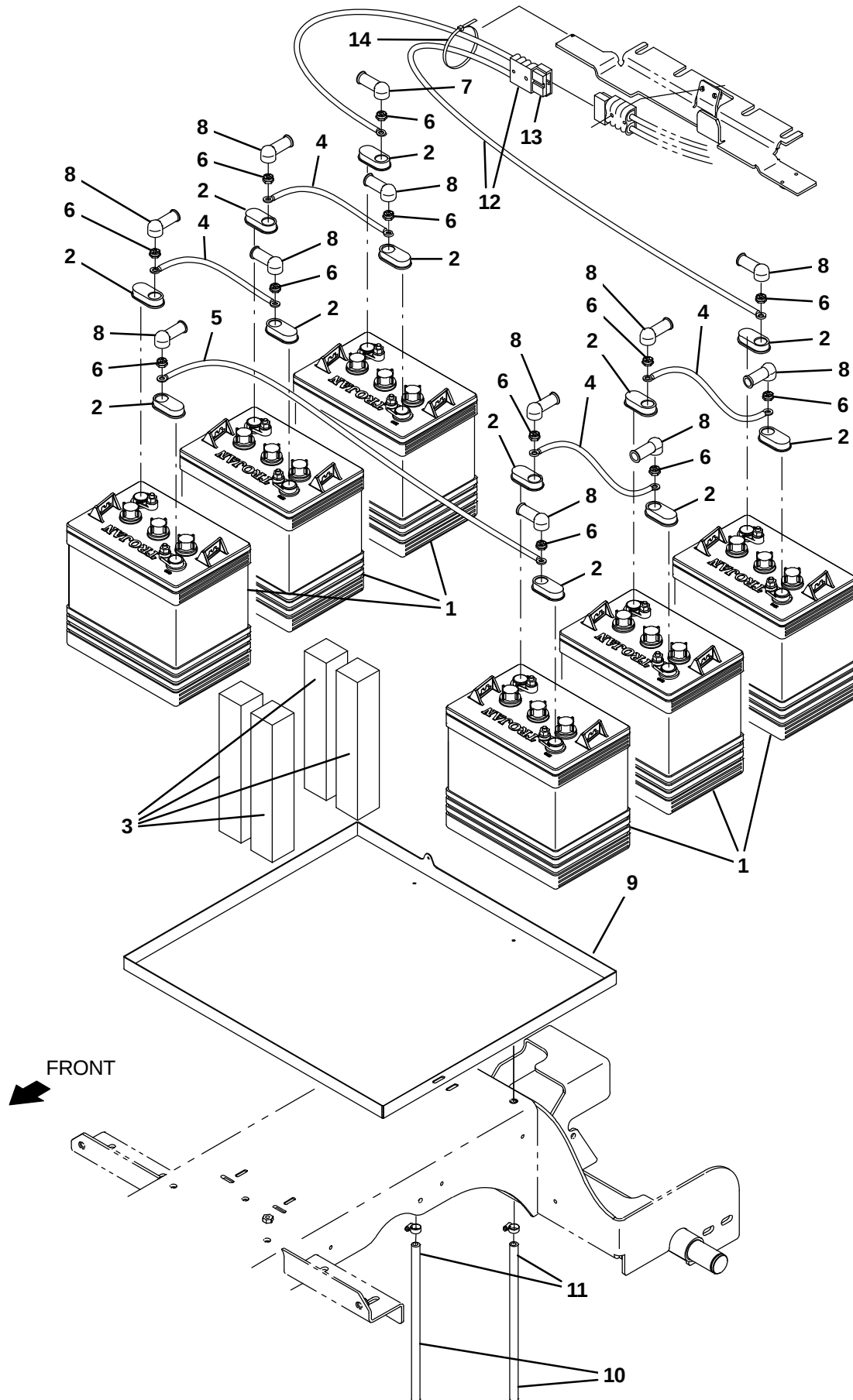
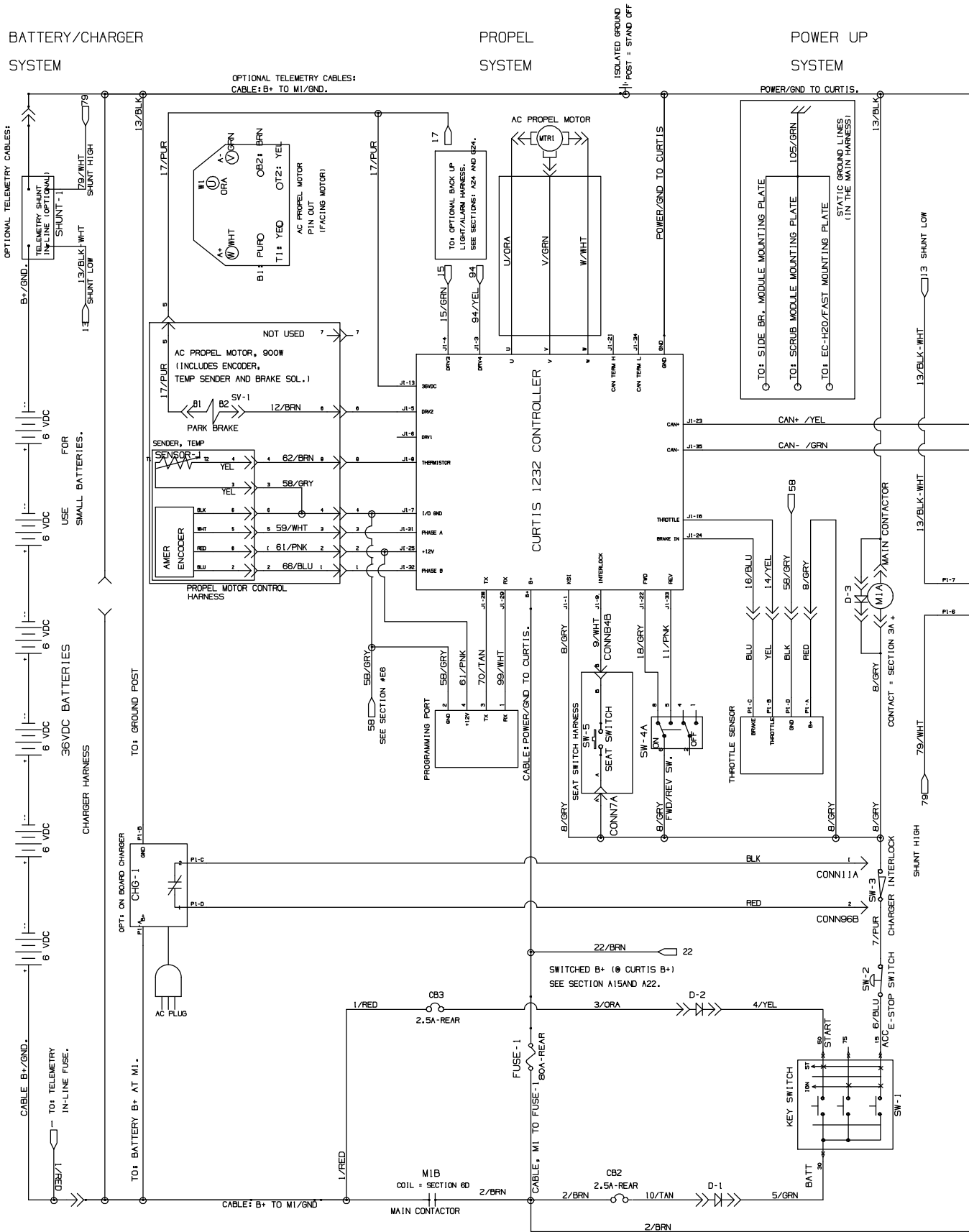


Fig. 24 – Battery Group, 240Ah

Ref.	Part No.	Serial Number	Description	Qty.
1	222280	(30000000–39999999)	Battery, Wet, 06vdc 0240ah	6
2	1041030	(30000000–39999999)	Cap, Battery	12
3	83415	(30000000–39999999)	Spacer, Battery, Foam, 2.00 X 2.0 X 11.0	4
4	223355	(30000000–39999999)	Cable, 04ga 08.0l Blk .34ring /.34ring	4
5	223356	(30000000–39999999)	Cable, 04ga 12.0l Blk .34ring /.34ring	1
6	87435	(30000000–39999999)	Nut, Hex, Flexlock, .31–18	12
7	1016314	(30000000–39999999)	Boot, 90deg .50id 1.00id 2.50l, Red	1
8	611221	(30000000–39999999)	Boot, Terminal, Battery, 25.4mm, Blk	11
9	1201303	(30000000–39999999)	Tray Wldt, Battery	1
10	1006401	(30000000–39999999)	Hose, Afmkt, Pvc, Brd, 0.50id, 03ft, Clr	1
11	54333	(30000000–39999999)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
▽ 12	223361	(30000000–39999999)	Cable Assy, 04ga .34ring /.34ring, 175a	1
▲ 13	22892	(30000000–39999999)	Connector, Anderson, 175a, Gray	1
14	130773	(30000000–39999999)	Tie, Cable, Nyl, 11.0l, .14w, 3.0 Max. D	1

Fig. 25 – Electrical Schematic Group (S/N 30000000–30077834)



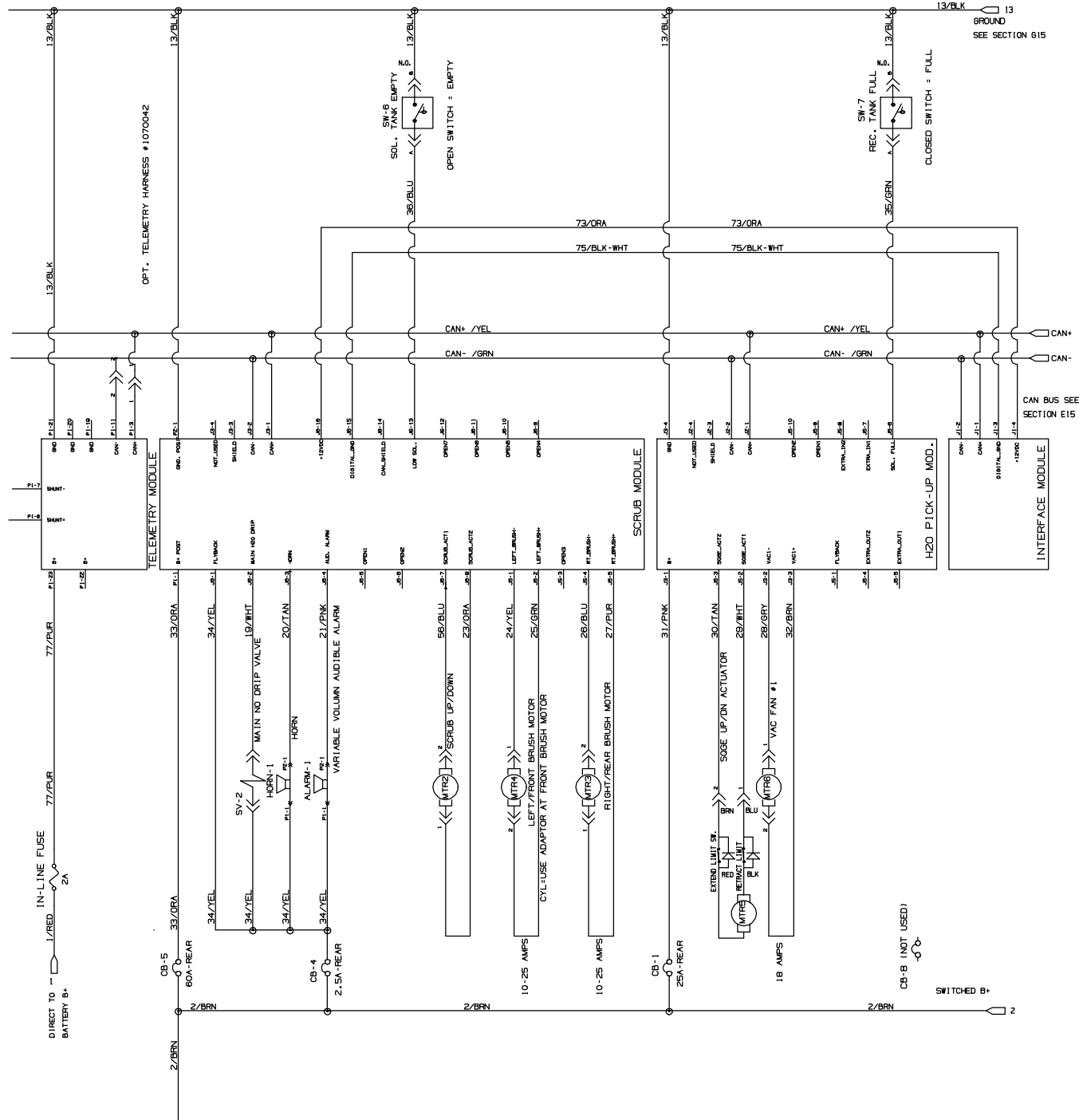
1071333-356358

Fig. 25 – Electrical Schematic Group (S/N 30000000–30077834)

SCRUB
MODULE

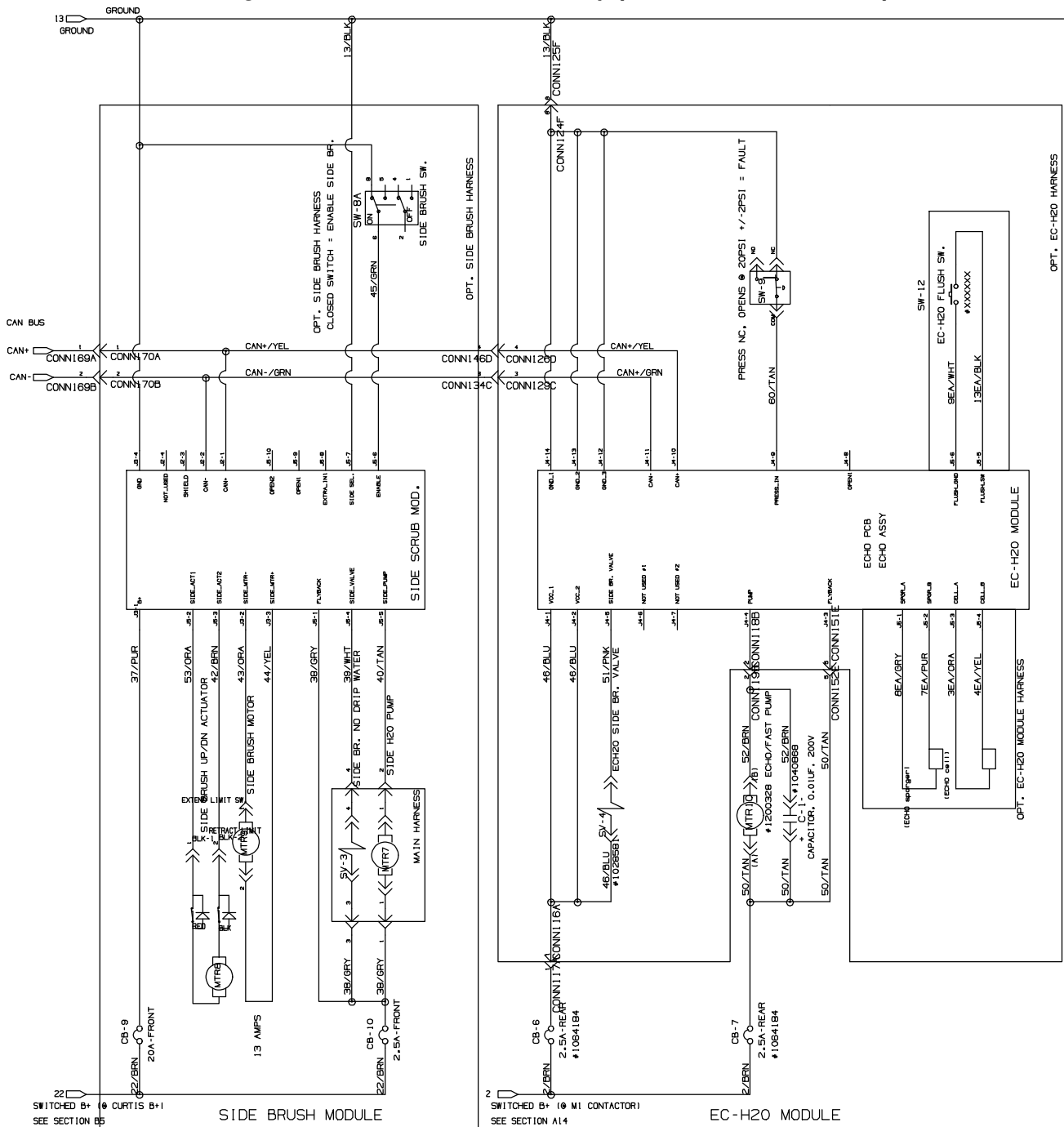
WATER PICK UP
MODULE

USER INTERFACE
MODULE



1071333-356358

Fig. 25 – Electrical Schematic Group (S/N 30000000–30077834)



1071333-356358

Fig. 25 – Electrical Schematic Group (S/N 30000000–30077834)

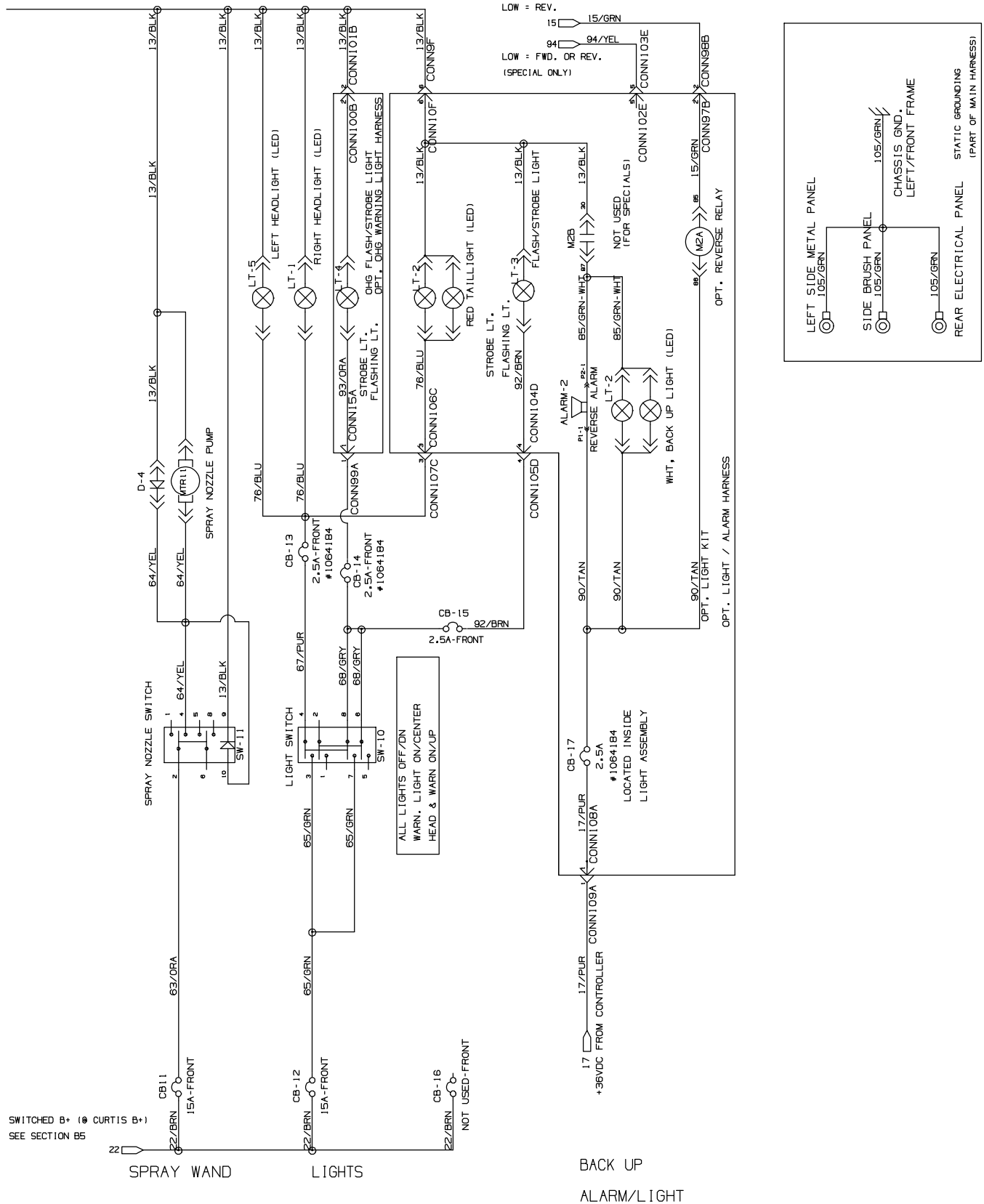
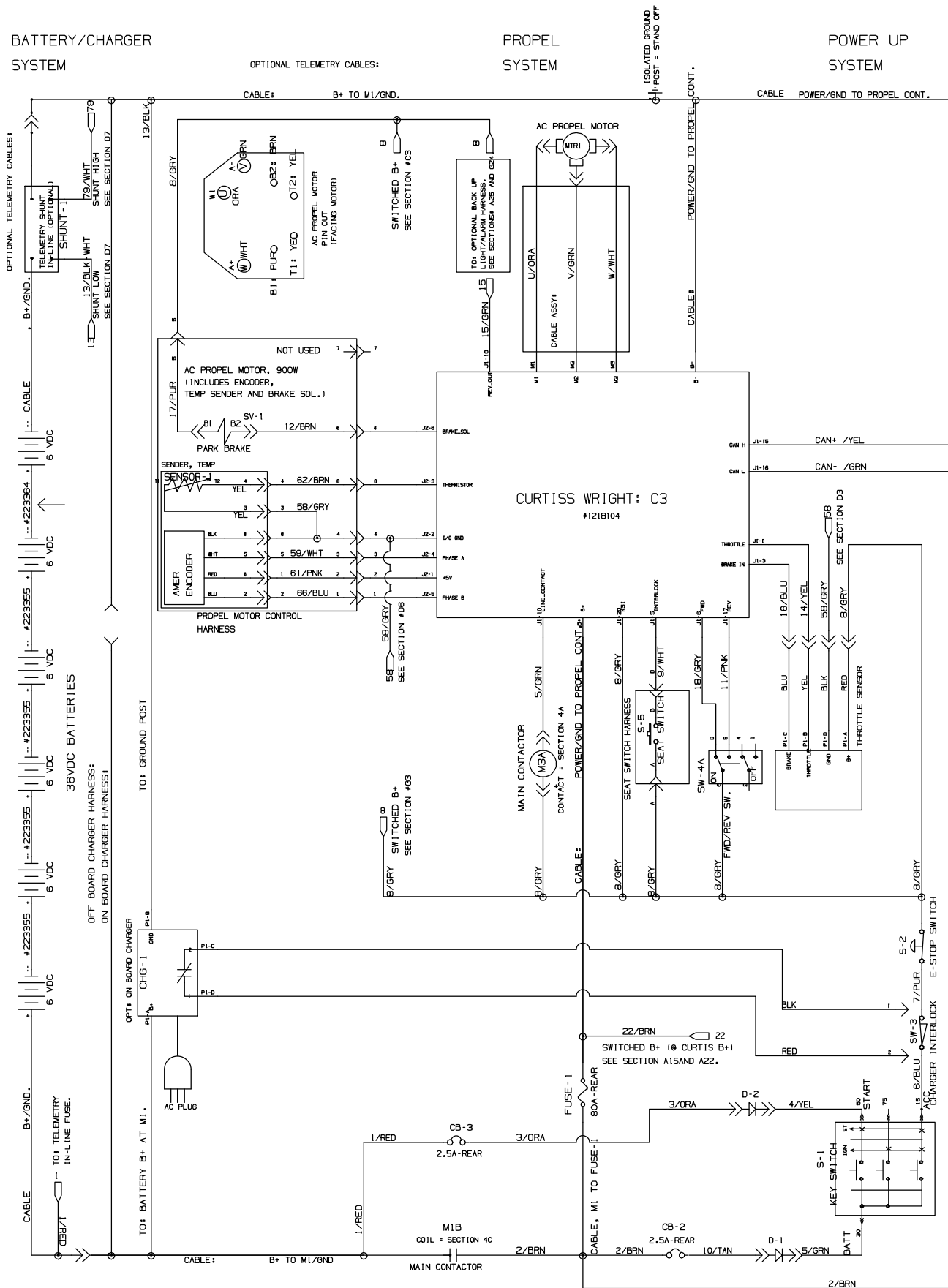


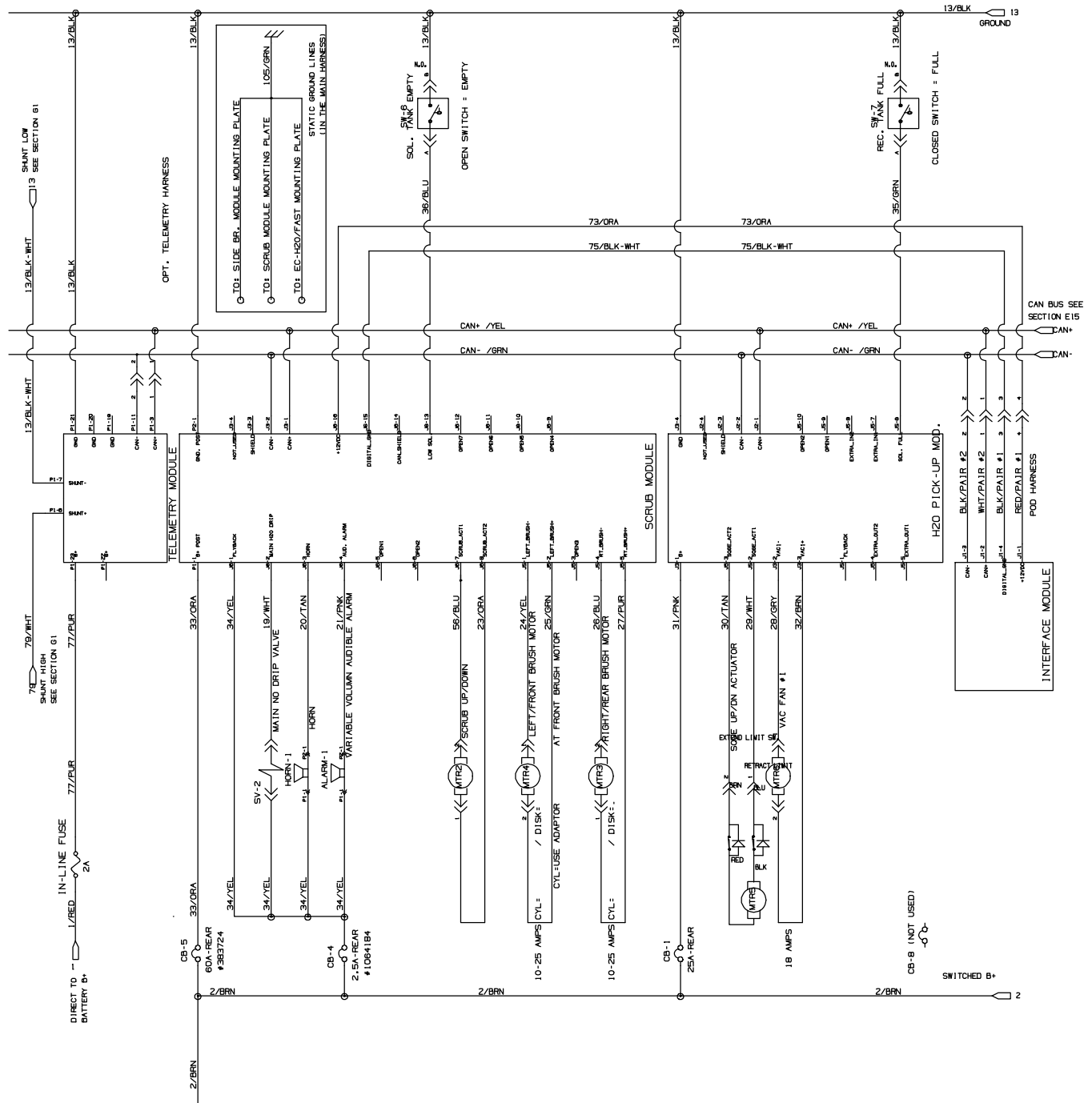
Fig. 26 – Electrical Schematic Group (S/N 30077835–39999999)



SCRUB
MODULE

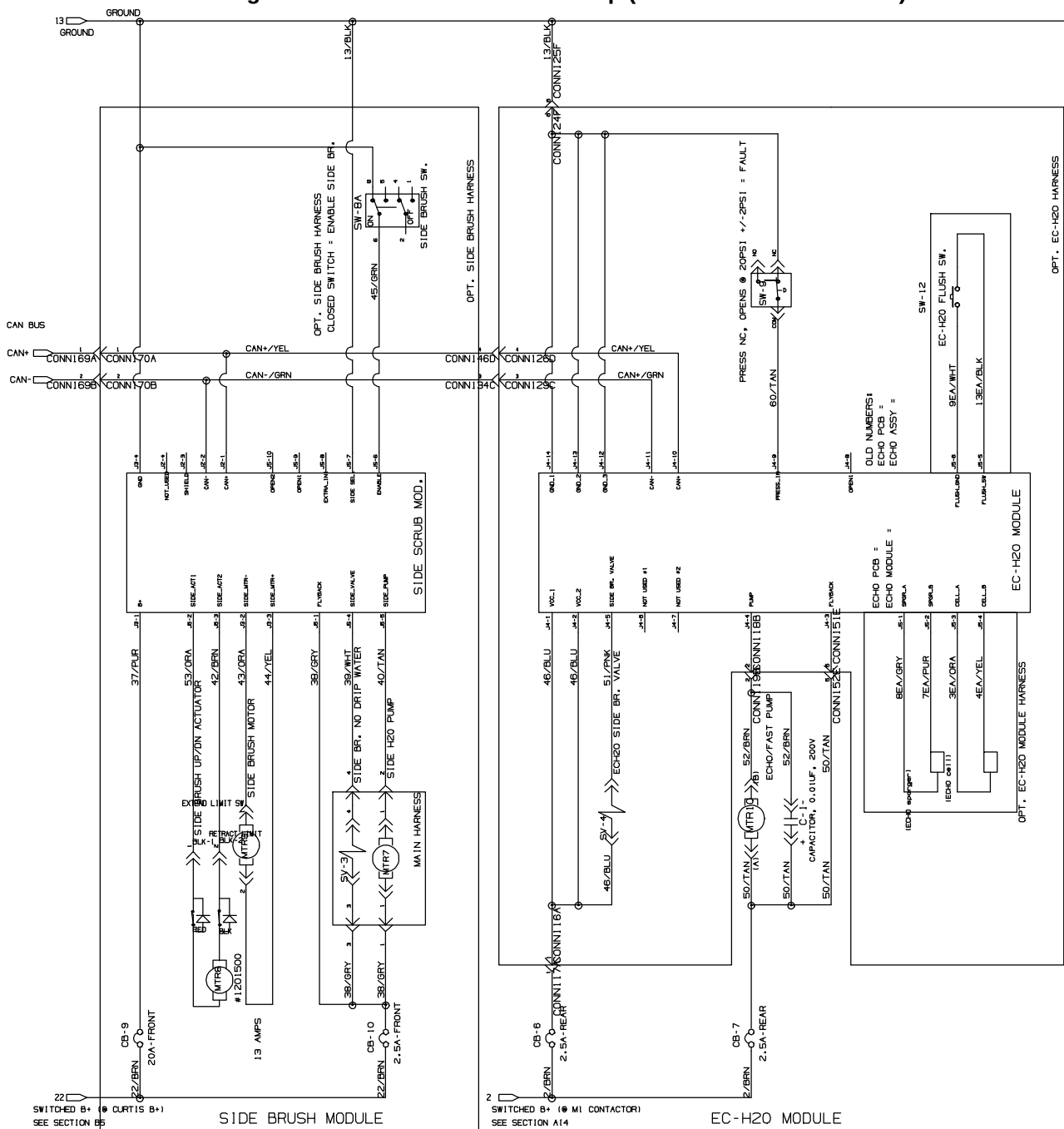
WATER PICK UP
MODULE

USER INTERFACE
MODULE



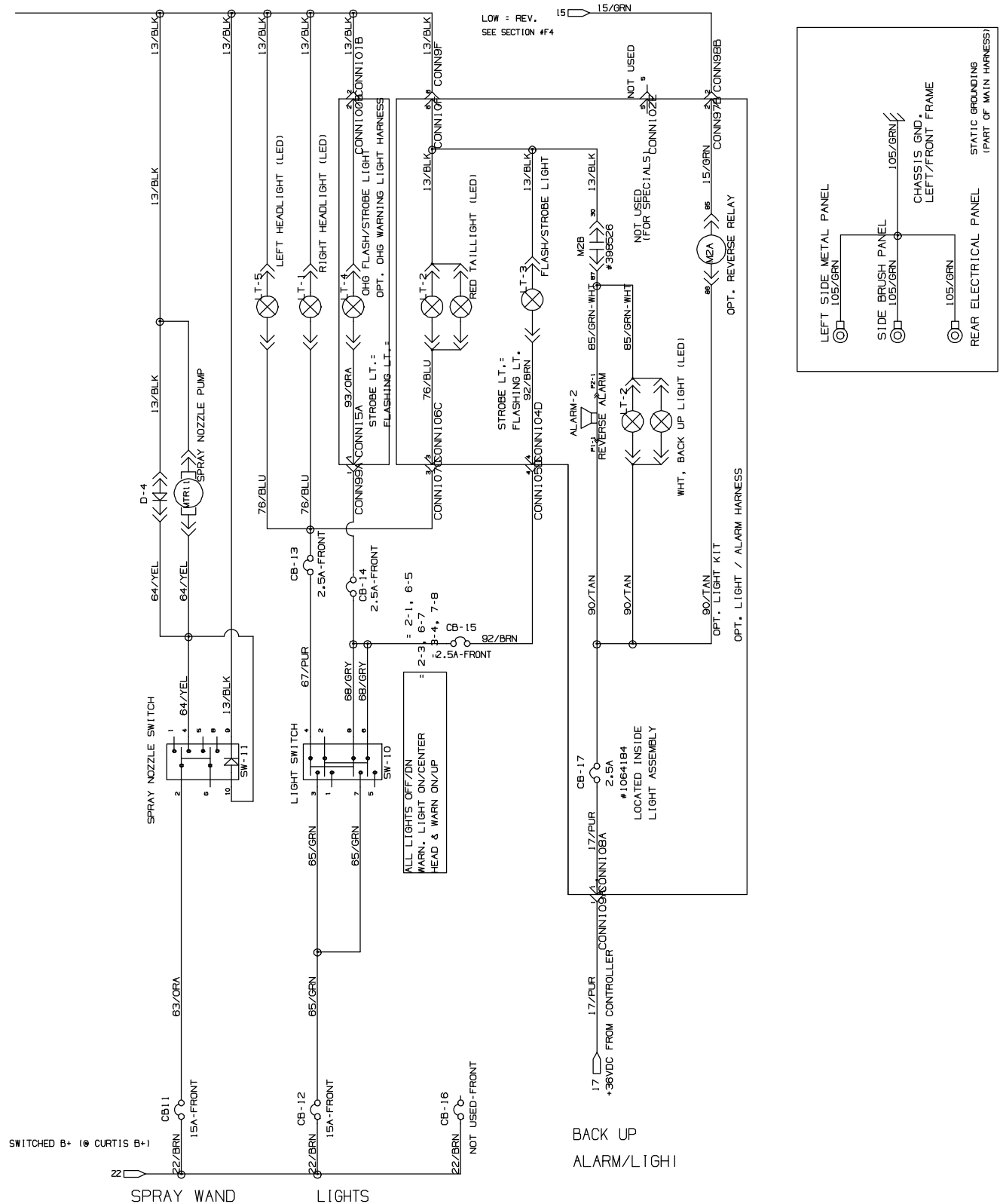
1071333-356358

Fig. 26 – Electrical Schematic Group (S/N 30077835–39999999)



1071333 – 356358

Fig. 26 – Electrical Schematic Group (S/N 30077835–39999999)



1071333-356358

T12 9012729 (05-2018)

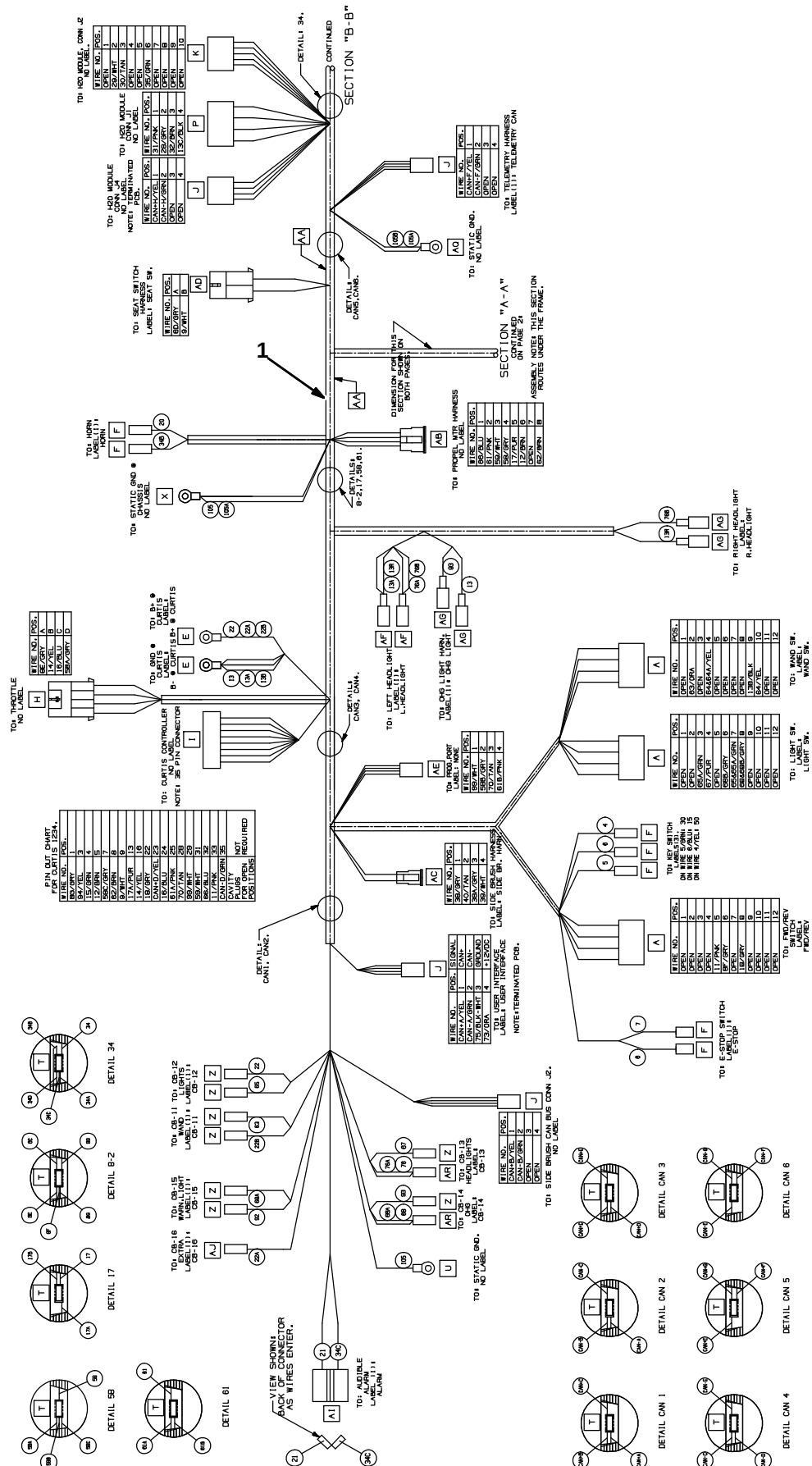
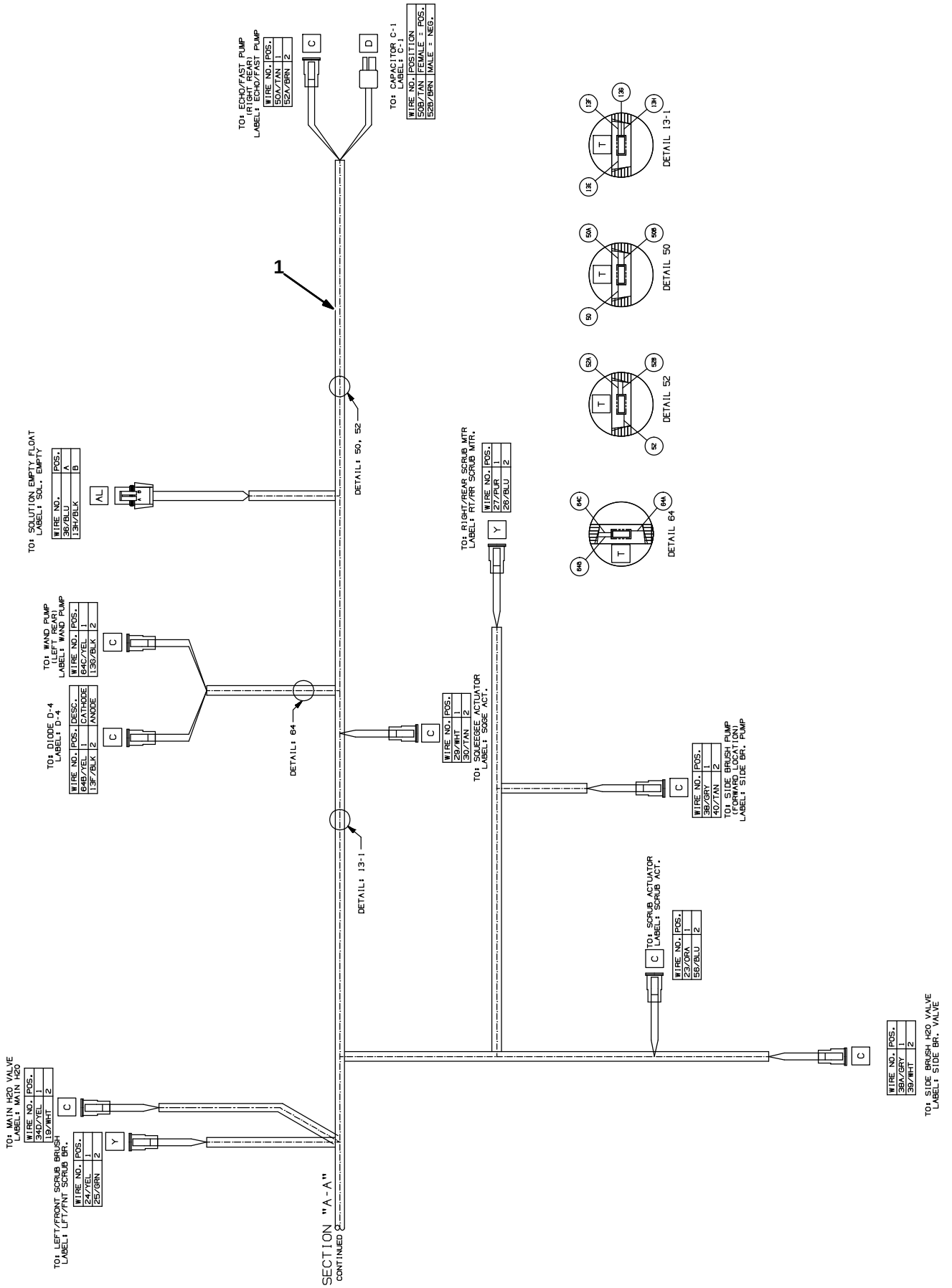
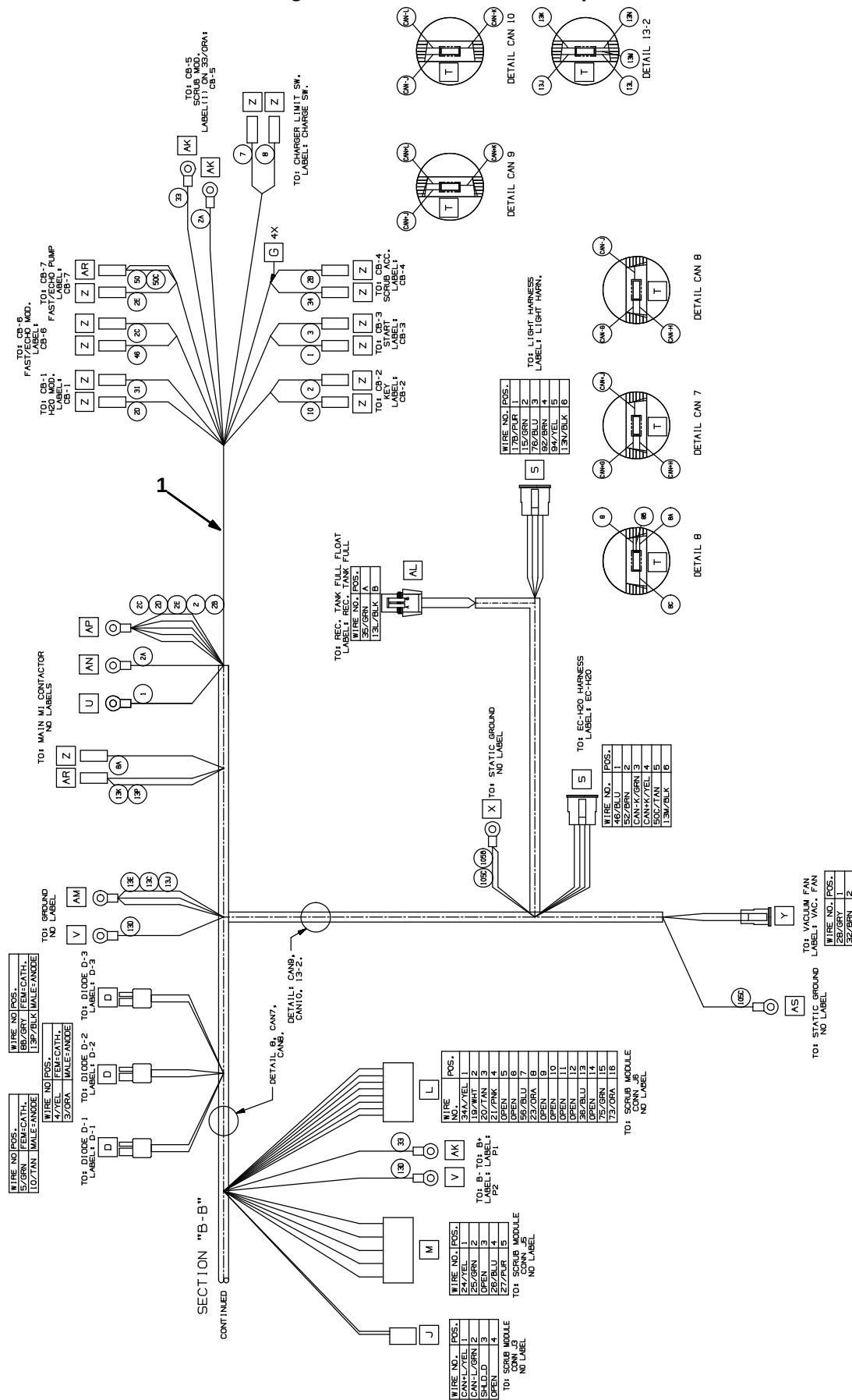


Fig. 27 – Wire Harnesses Group



T12 9012729 (05-2018)



2-61

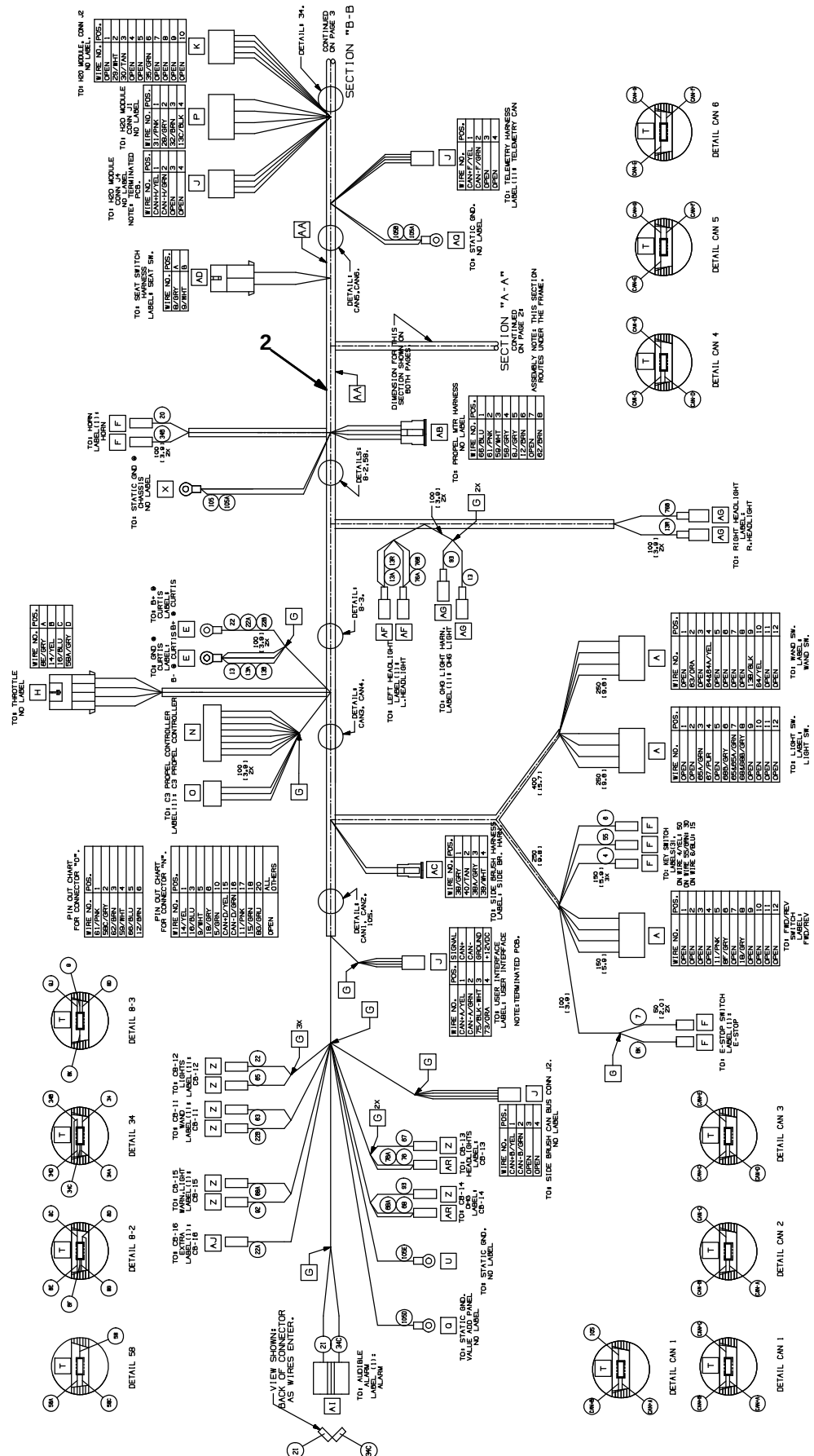


Fig. 27 – Wire Harnesses Group

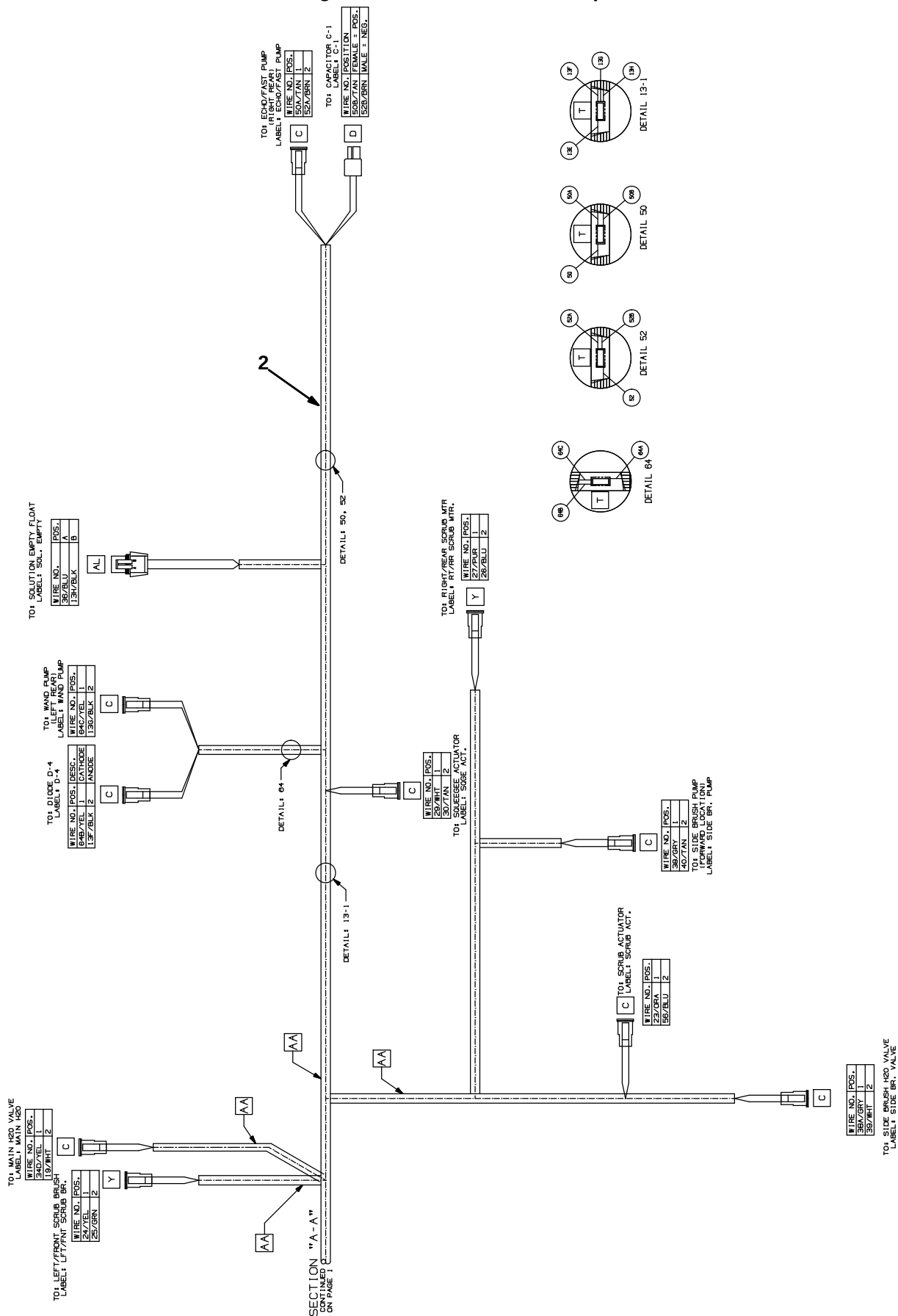


Fig. 27 – Wire Harness Group

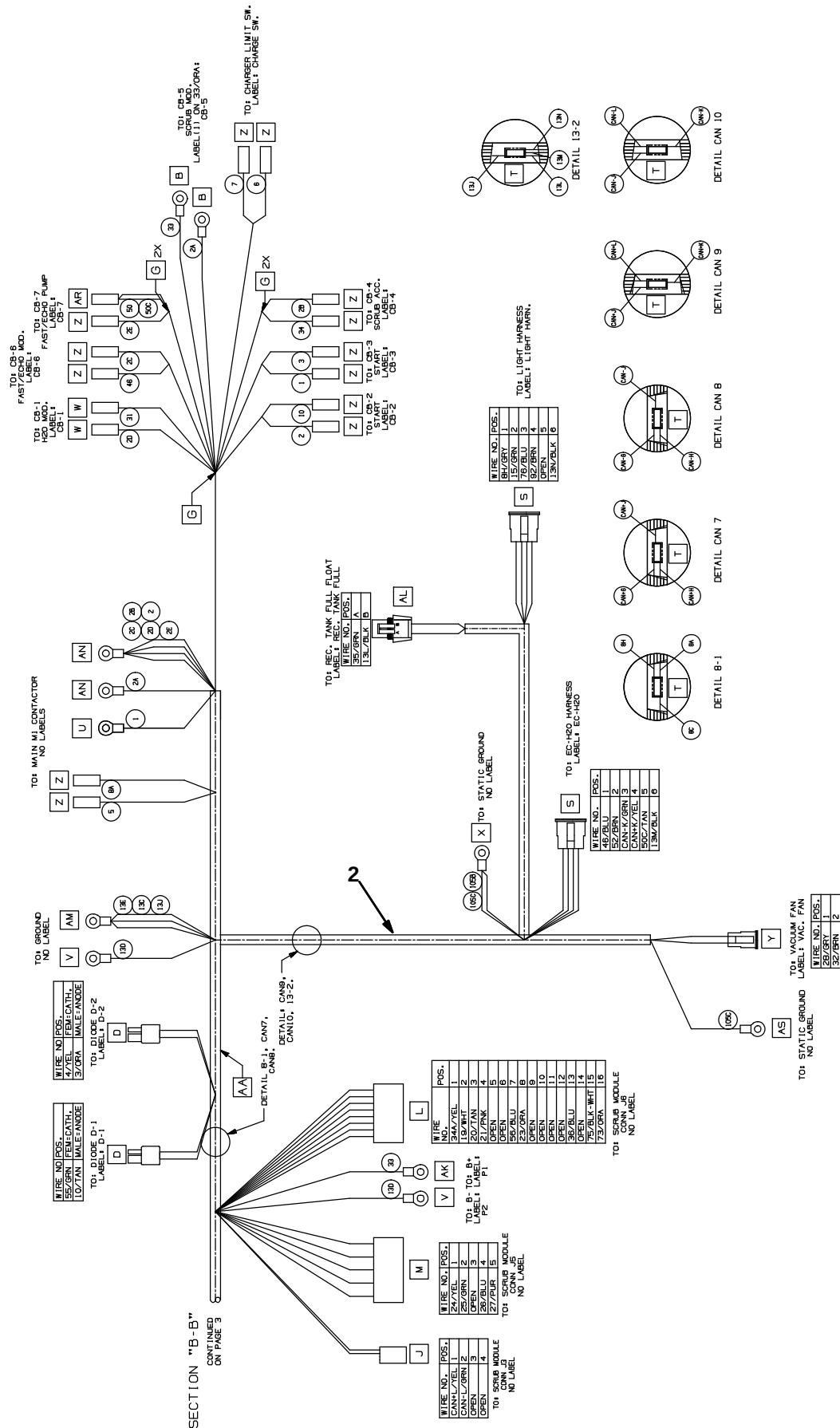


Fig. 27 – Wire Harnesses Group

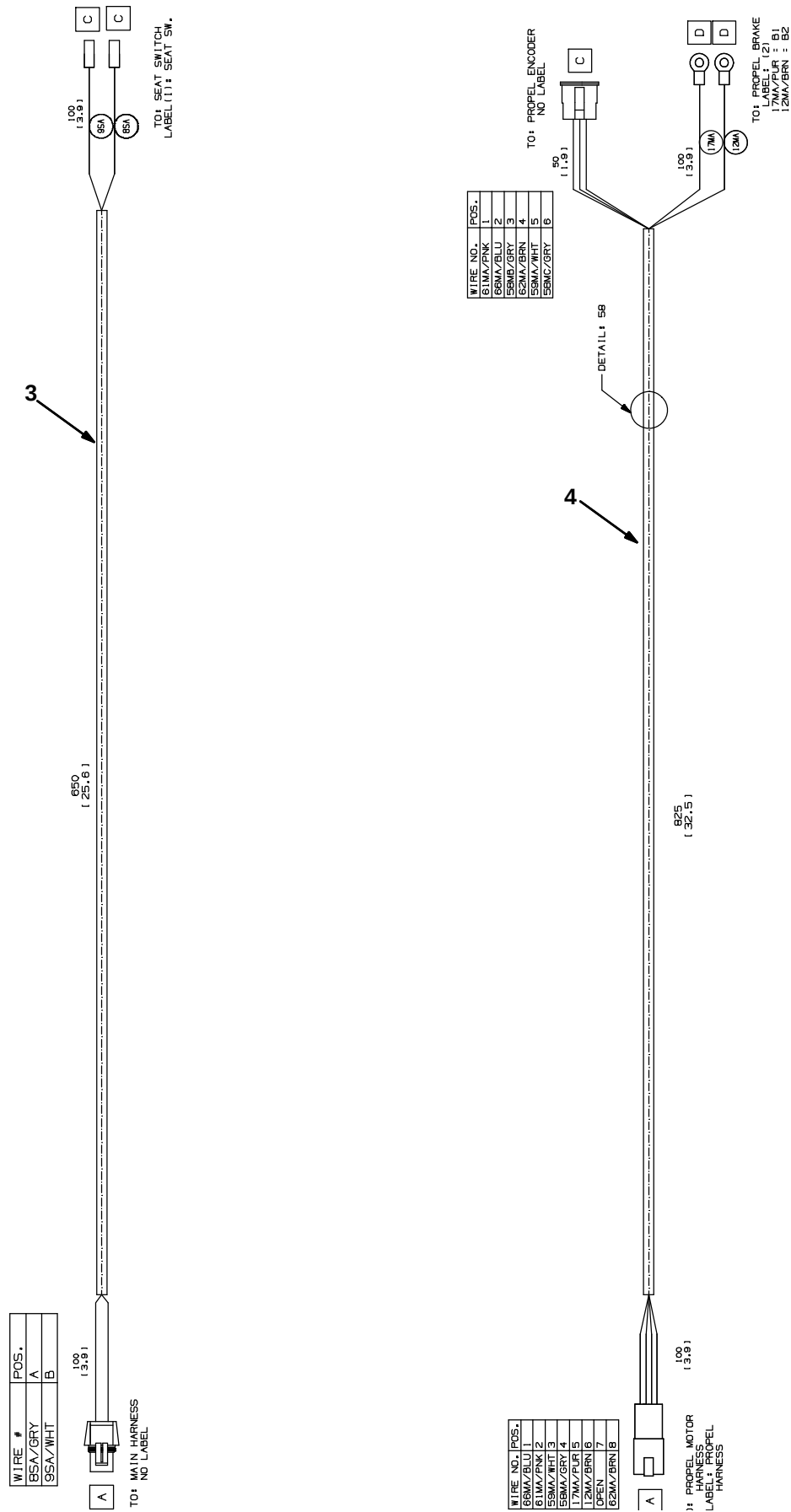


Fig. 27 – Wire Harnesses Group

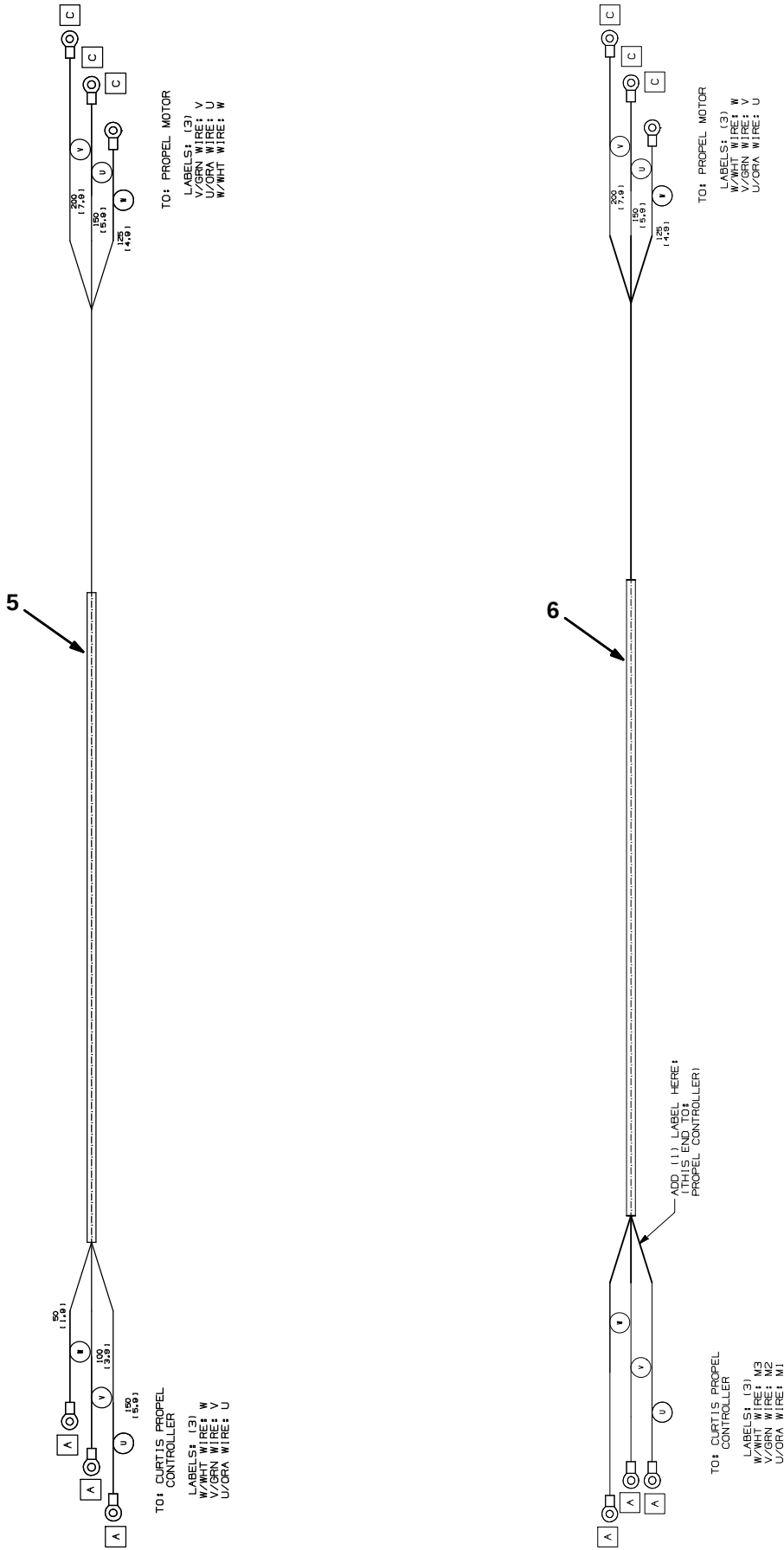


Fig. 27 – Wire Harnesses Group

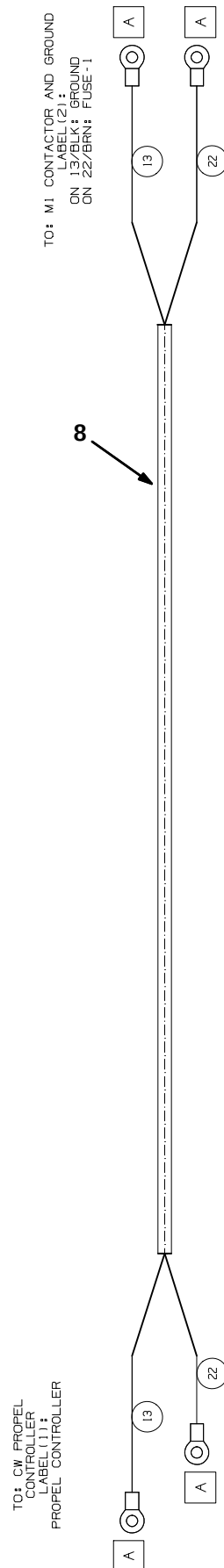
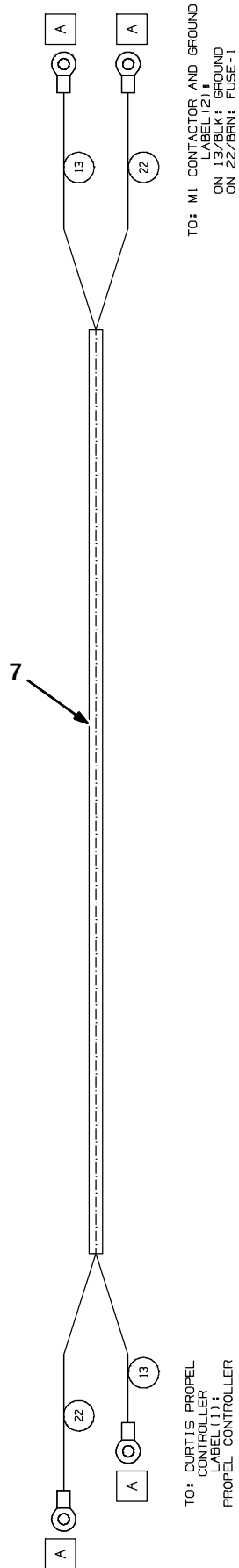
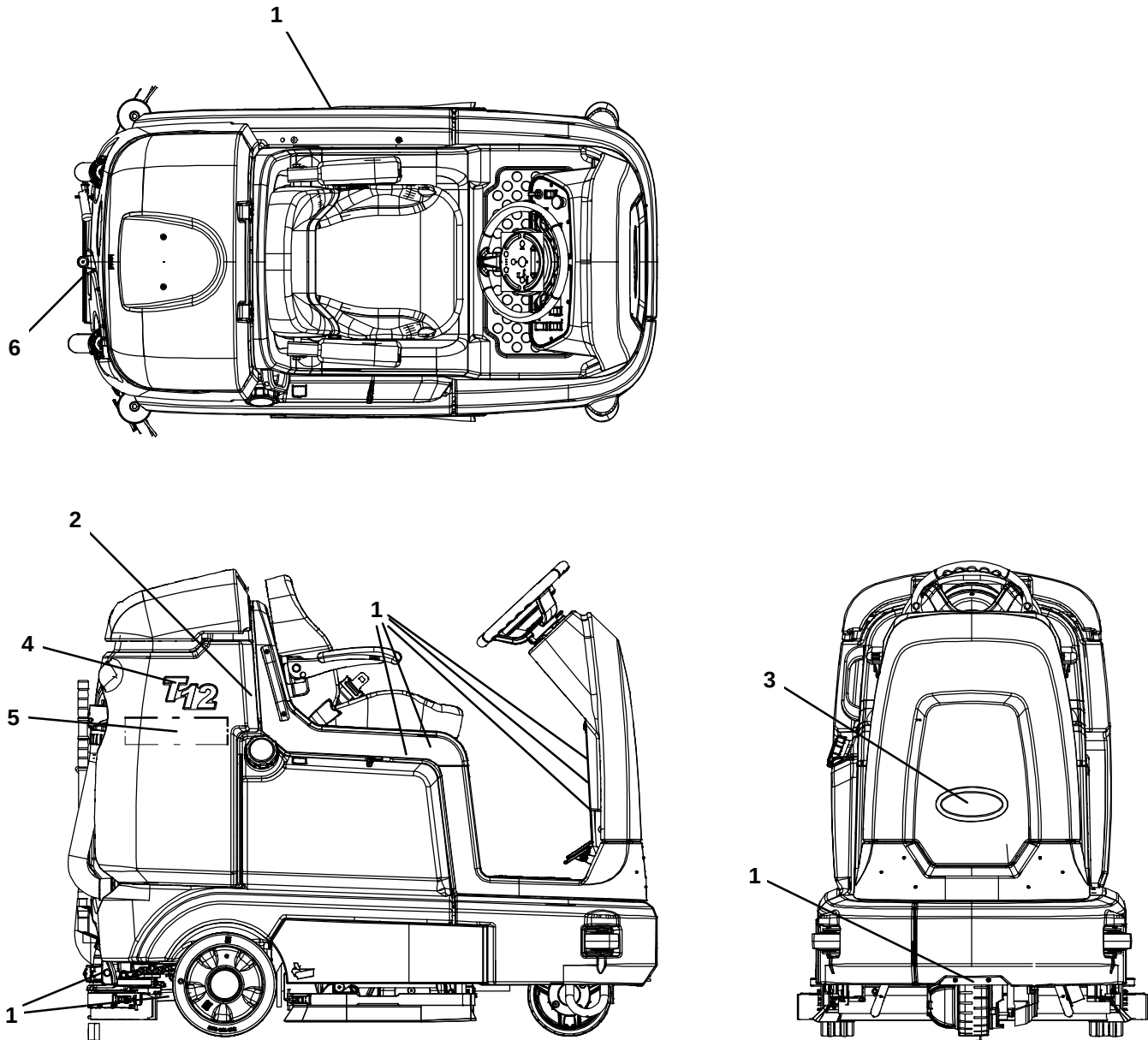


Fig. 27 – Wire Harnesses Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1069346	(30000000–30077834)	Harness, Main, Ele [T12]	1
2	1074780	(30077835–39999999)	Harness, Main, Ele [T12]	1
3	1069745	(30000000–39999999)	Harness. Ele, Seat [T12]	1
4	1069730	(30000000–39999999)	Harness, Wire, Propel Motor [T12]	1
5	1070956	(30000000–30077834)	Harness, Cable, Propel Motor [T12]	1
6	1074787	(30077835–39999999)	Harness, Cable, Propel Motor [T12]	1
7	1069891	(30000000–30077834)	Cable Assy, power [T12]	1
8	1074788	(30077835–39999999)	Cable Assy, power [T12]	1

Fig. 28 – Labels Group



356354

Ref.	Part No.	Serial Number	Description	Qty.
1	1205741	(30000000–39999999)	Label Set, Info/Hzrd [T12]	1
1	1205743	(30000000–39999999)	Label Set, Info/Hzrd, Tj [T12] (Japan Only)	1
2	1205724	(30000000–39999999)	Label, Hzrd, Flammable Matl, Na	1
2	1067120	(30000000–39999999)	Label, Hzrd, Flammable Matl, Tj (Japan Only)	1
3	1204077	(30000000–39999999)	Nameplate, Tennant, Domed 7.0in	1
4	1205426	(30000000–39999999)	Label, Logo [T12]	2
4	1205432	(10000000–19999999)	Label, Logo [T12XP]	2
5	1062813	(30000000–39999999)	Label, Logo, 12.3l 4color [Ec–H2o]	2
6	1056578	(30000000–39999999)	Label, Logo, 05.8L Shite / TI [Tennant]	2

SECTION 3

Contents	Page
Fig. 1 – Headlight Group	3-2
Fig. 2 – Strobe Light and Backup Alarm Kit	3-4
Fig. 3 – Strobe Light Kit, Overhead Guard	3-6
Fig. 4 – Spotlight Kit, Blue	3-8
Fig. 5 – Squeegee Guard Group	3-10
Fig. 6 – Heavy Duty Bumper Kit	3-12
Fig. 7 – Overhead Guard Kit	3-14
Fig. 8 – ec-H2O Solution Pump Group	3-16
Fig. 9 – ec-H2O Solution Supply Group, Side Brush	3-18
Fig. 10 – ec-H2O Wire Harness Group	3-20
Fig. 11 – Side Brush Motor and Squeegee Group	3-22
Fig. 12 – Side Brush Pivot Group	3-24
Fig. 13 – Side Brush Bumper and Mount Group	3-26
Fig. 14 – Side Brush Solution Supply Group	3-28
Fig. 15 – Side Brush Electrical Group	3-30
Fig. 16 – Side Brush Wire Harness Group	3-32
Fig. 17 – Spray Hose Kit	3-34
Fig. 18 – Vacuum Wand Kit	3-36
Fig. 19 – Battery Group, 36V 360Ah	3-38
Fig. 20 – Battery Group, 36V 312Ah	3-40
Fig. 21 – Battery Charger Group	3-42
Fig. 22 – Battery Charger Group	3-43
Fig. 23 – Battery Charger Group, International Only	3-44
Fig. 24 – Battery Charger Group	3-45
Fig. 25 – On-Board Charger Kit	3-46
Fig. 26 – On-Board Charger Group, International	3-48
Fig. 27 – Flow-Ritet Battery Water Manifold Kit	3-50
Fig. 28 – HydrolinkR Battery Watering System Kit	3-51
Fig. 29 – Manual Battery Watering System Kit	3-52
Fig. 30 – Fire Extinguisher Group	3-53
Fig. 31 – Transport Group	3-54
Fig. 32 – Documentation Group	3-55

Fig. 1 – Headlight Group

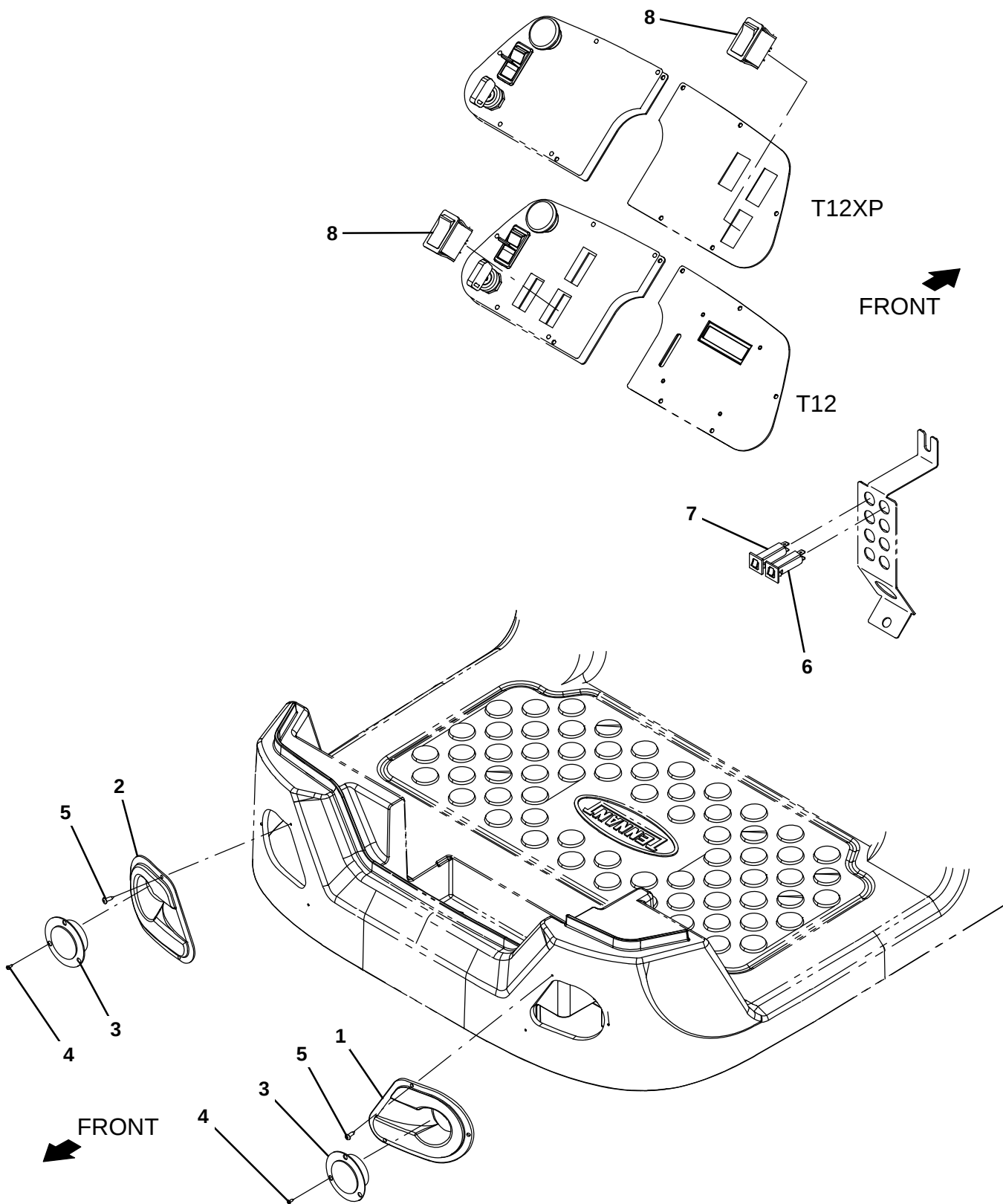


Fig. 1 – Headlight Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1202870	(30000000–39999999)	Bezel, Headlight, Lh [W/Inserts]	1
2	1202892	(30000000–39999999)	Bezel, Headlight, Rh [W/Inserts]	1
3	9008182	(30000000–39999999)	Light Assy, Pre-Sweep, Afmkt	2
4	06920	(30000000–39999999)	Screw, Pan, Phl, M3 X 0.50 X 10, 4.8	6
5	140825	(30000000–39999999)	Screw, Pan, Phl, 06 X 0.50, Fmg/Ab, Blk	6
6	1064184	(30000000–39999999)	Circuitbreaker, 02.5a, Resetable	1
7	1064188	(30000000–39999999)	Circuitbreaker, 15.0a, Resetable	1
8	377084	(30000000–39999999)	Switch, Rocker, Prgrsv	1

Fig. 2 – Strobe Light and Backup Alarm Kit

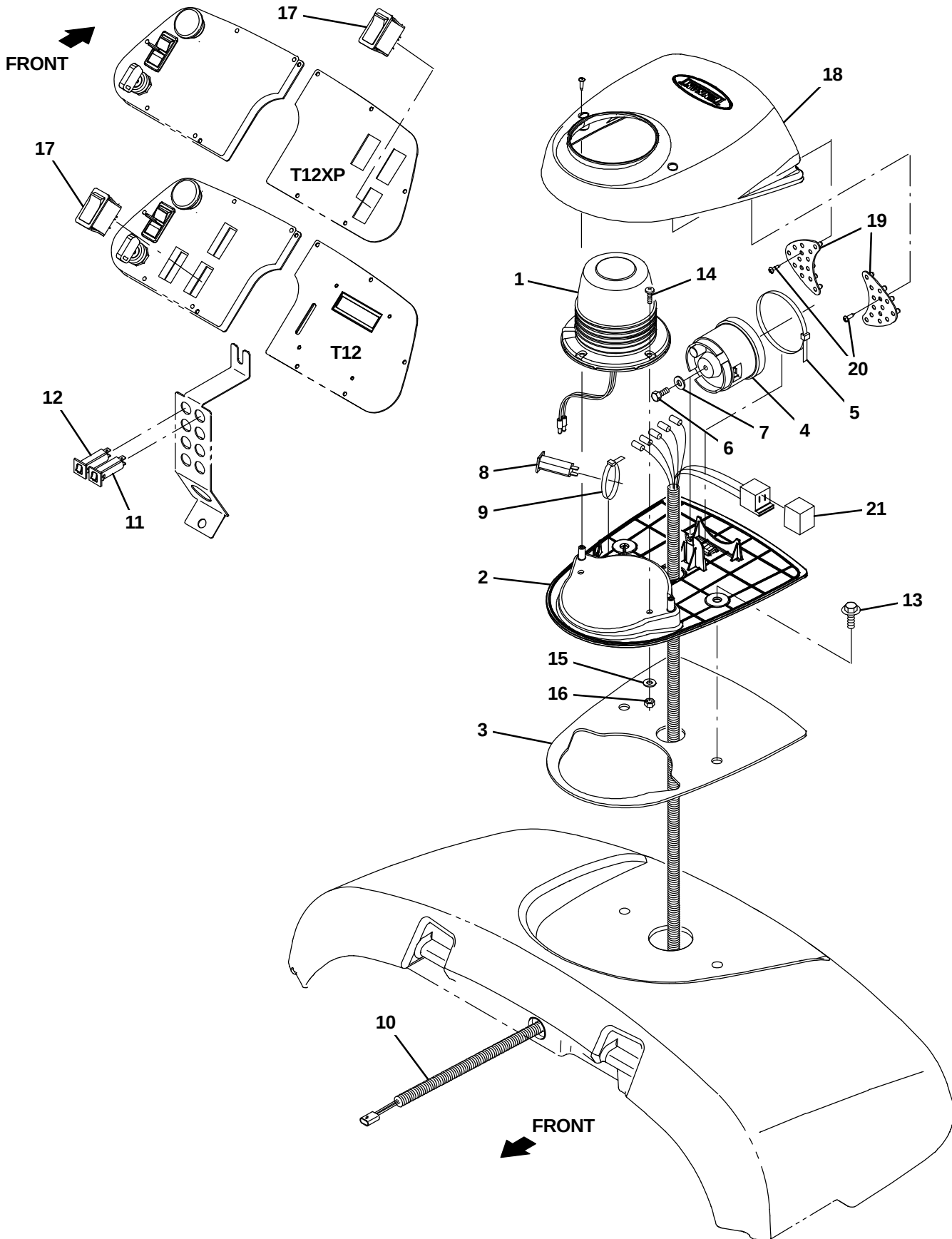


Fig. 2 – Strobe Light and Backup Alarm Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9010353	(30000000-39999999)	Light kit, Strobe, Module, Ci [T12]	1
▲	1	1075296	(30000000-39999999)	Light, Flsh, 12Vdc, Amb, Rwk	1
▲	2	1059938	(30000000-39999999)	Base, Module, Light	1
▲	3	1063263	(30000000-39999999)	Gasket, Base, Module	1
▲	4	1058694	(30000000-39999999)	Alarm, Backup, 12-48vdc, Adj	1
▲	5	49263	(30000000-39999999)	Tie, Cable, Nyl, 11.4l .19w 3.0 Max D	1
▲	6	19315	(30000000-39999999)	Screw, Hex, .25-20 X 0.50, G5	1
▲	7	32483	(30000000-39999999)	Washer, Flat, 0.25, Sae	1
▲	8	1064184	(30000000-39999999)	Circuitbreaker, 02.5a, Resetable	1
▲	9	49266	(30000000-39999999)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	1
▲	10	1056979	(30000000-39999999)	Harness, Wire, Alarm / Light [T16]	1
▲	11	1064184	(30000000-39999999)	Circuitbreaker, 02.5a, Resetable	1
▲	12	1064188	(30000000-39999999)	Circuitbreaker, 15.0a, Resetable	1
▲	13	1020341	(30000000-39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	2
▲	14	06933	(30000000-39999999)	Screw, Pan, Phl, M5 X 0.80 X 16, 4.8	2
▲	15	19066	(30000000-39999999)	Washer, Flat, 0.25b 0.56d .05, Pl, 10	2
▲	16	06549	(30000000-39999999)	Nut, Hex, Lock, M5 X 0.80, NI	2
▲	17	377084	(30000000-39999999)	Switch, Rocker, Prgrsv	1
▲	18	1062106	(30000000-39999999)	Cover, Module, Light	1
▲	19	1059342	(30000000-39999999)	Light Assy, Led	1
▲	20	222267	(30000000-39999999)	Screw, Pan, Phl, 06-20 X 0.50, Fmg/Ab	6
▲	21	398526	(30000000-39999999)	Relay, 36Vdc, 005A, Spdt No [Greenwich]	1

Fig. 3 – Strobe Light Kit, Overhead Guard

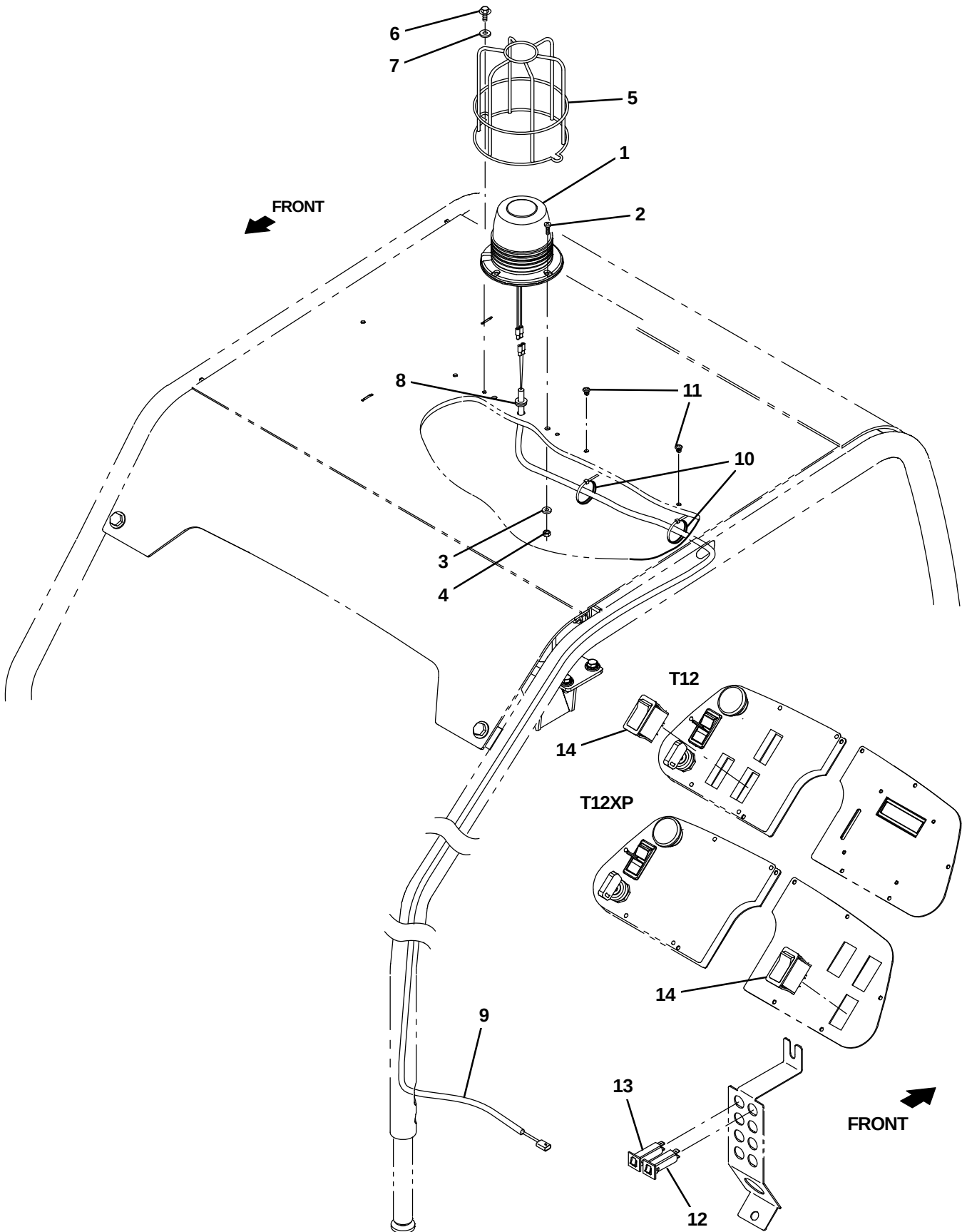


Fig. 3 – Strobe Light Kit, Overhead Guard

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9010351	(30000000-39999999)	Light Kit, Warning, Ohg, Ci [T12]	1
▲▽	1	1075296	(30000000-39999999)	Light, Flsh, 12Vdc, Amb, Rwk	1
▲	2	06933	(30000000-39999999)	Screw, Pan, Phl, M5 X 0.80 X 16, 4.8	2
▲	3	19066	(30000000-39999999)	Washer, Flat, 0.25b 0.56d .05, Pl, 10	2
▲	4	06549	(30000000-39999999)	Nut, Hex, Lock, M5 X 0.80, NI	2
▲	5	1039392	(30000000-39999999)	Guard, Light, Revl / Strobe	1
▲	6	74455	(30000000-39999999)	Screw, Hex, M6 X 1.00 X 12, Fmg	2
▲	7	32490	(30000000-39999999)	Washer, Flat, 0.25, Std	2
▲	8	10632-2	(30000000-39999999)	Grommet, Rbr, 0.62id, F/0.9h, .12 Matl	1
▲	9	1069746	(30000000-39999999)	Harness, Ele, Ohg [T12]	1
▲	10	130773	(30000000-39999999)	Tie, Cable, Nyl, 11.0l, .14w, 3.0 Max. D	2
▲	11	1202868	(30000000-39999999)	Clip, Tie, 0.25d, Plstc	2
▲	12	1064184	(30000000-39999999)	Circuitbreaker, 02.5a, Resetable	1
▲	13	1064188	(30000000-39999999)	Circuitbreaker, 15.0a, Resetable	1
▲	14	377084	(30000000-39999999)	Switch, Rocker, Prgrsv	1

Fig. 4 – Spotlight Kit, Blue

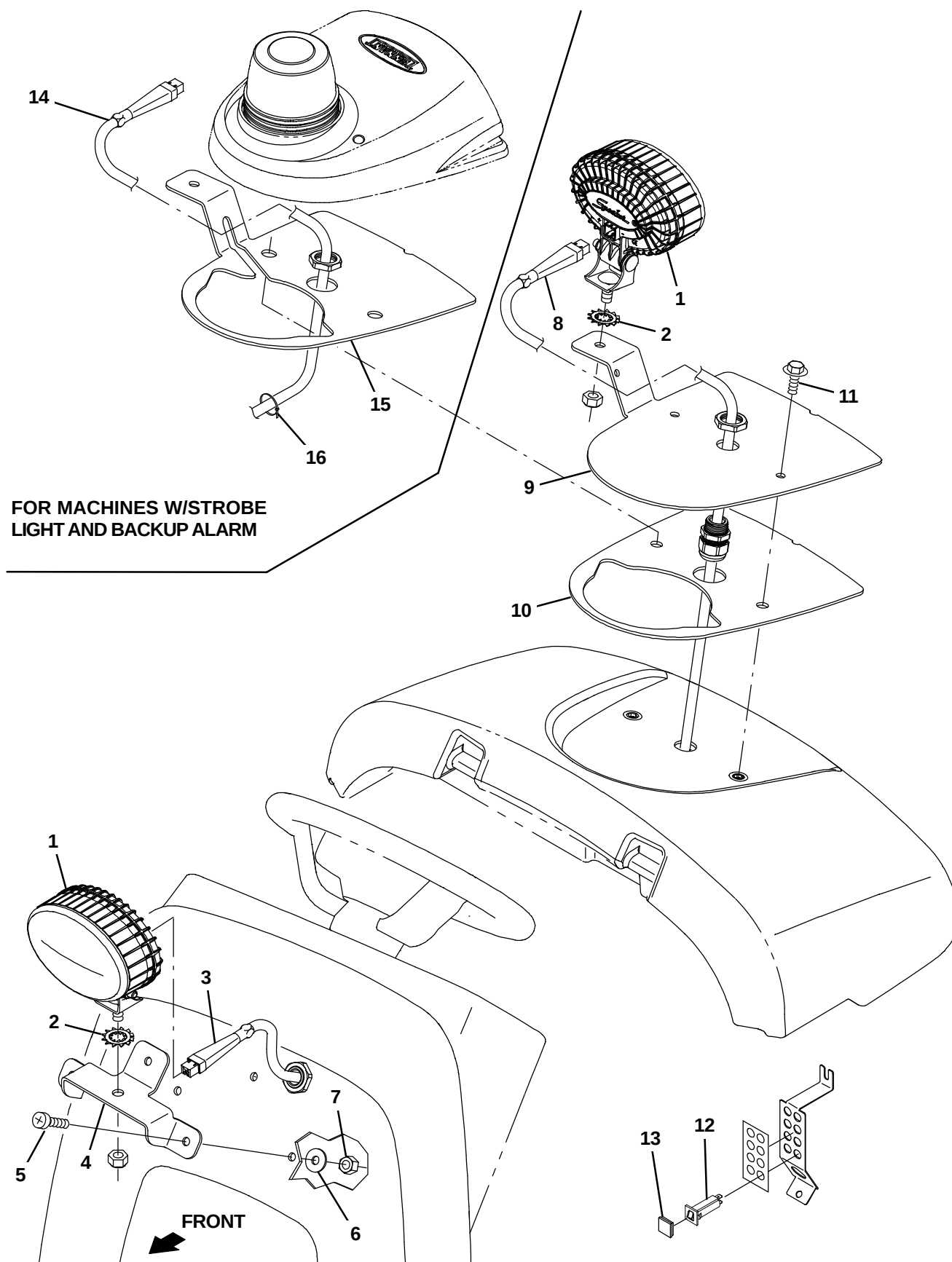


Fig. 4 – Spotlight Kit, Blue

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9020972	(10000000–19999999)	Spotlight Kit, Blue, Ci [T12/T16]	1
▲	1	1240687	(10000000–19999999)	Light, Spot, Blue, Led	2
▲	2	41143	(10000000–19999999)	Washer, Lock, Int–Ext, 0.50	2
▲	3	1254712	(10000000–19999999)	Harness, Blu Spotlight, Front	1
▲	4	1076808	(10000000–19999999)	Brkt, Blu Spotlight, Fr, Cover Mtg	1
▲	5	1031665	(10000000–19999999)	Screw, Pan, M8 X 1.25 X 25, Blk	3
▲	6	39890	(10000000–19999999)	Washer, Flat, M8, Fendr	3
▲	7	08713	(10000000–19999999)	Nut, Hex, Lock, M8 X 1.25, NI, Ss	3
▲▽	8	1257237	(10000000–19999999)	Harness, Blu Spotlight, Rear	1
▲		1016029	(10000000–19999999)	Fuse, Blade, 005a, 32vdc [Atof]	1
▲	9	1077103	(10000000–19999999)	Brkt, Blu Spotlight, Rr, Cover Mtg	1
▲	10	1063263	(10000000–19999999)	Gasket, Base, Module	1
▲	11	1020341	(10000000–19999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	2
▲	12	1064184	(10000000–19999999)	Circuitbreaker, 02.5a, Resetable	1
▲	13	1064191	(10000000–19999999)	Boot, Circuitbreaker	1
▲▽	14	1256917	(10000000–19999999)	Harness, Blu Spotlight, Rear	1
▲		1016029	(10000000–19999999)	Fuse, Blade, 005a, 32vdc [Atof]	1
▲	15	1076810	(10000000–19999999)	Brkt, Blu Spotlight, Rr, Cover Mtg	1
▲	16	763114	(10000000–19999999)	Tie, Cable, 11.43l, 2.75d Max	10

Fig. 5 – Squeegee Guard Group

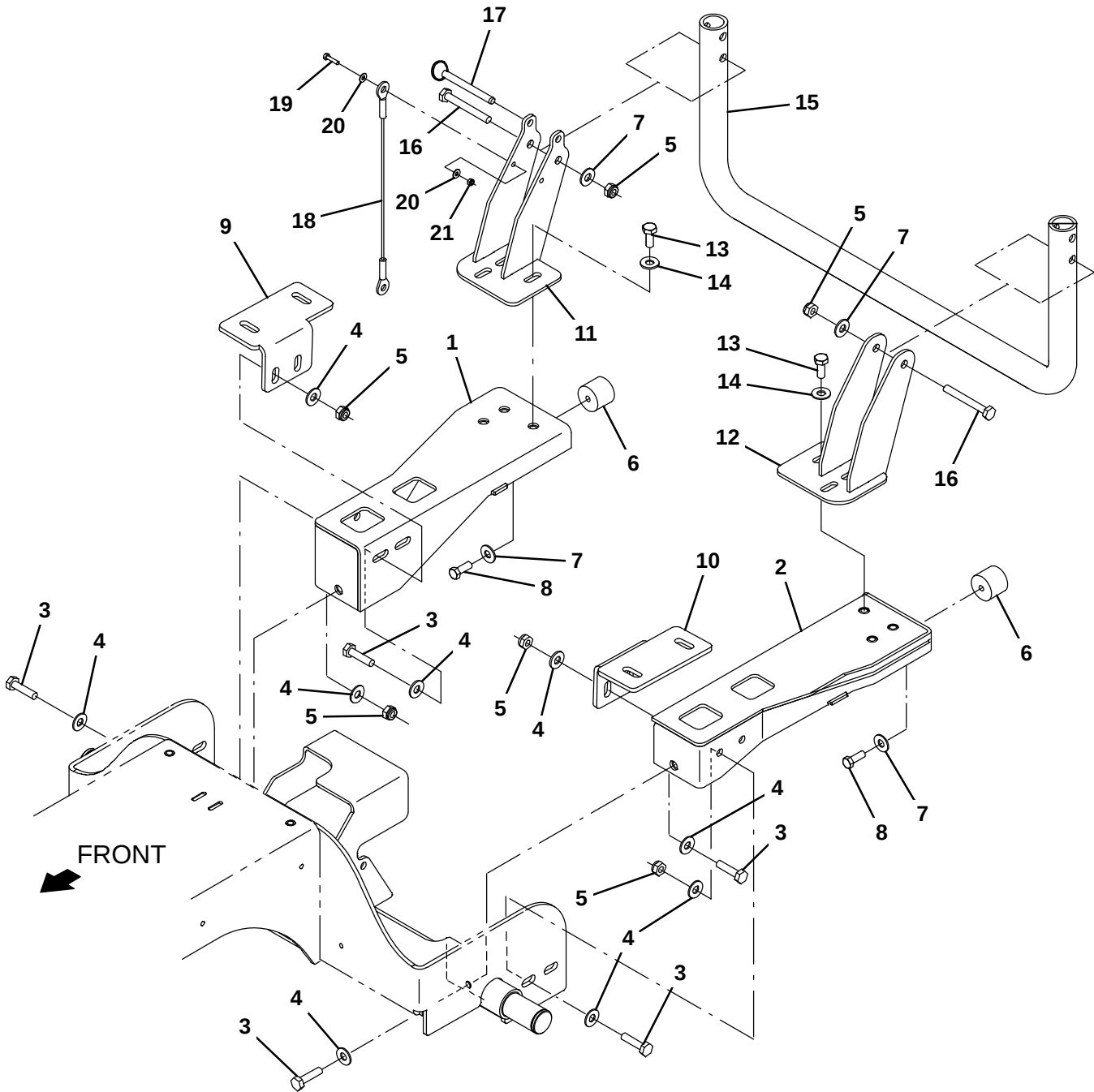


Fig. 5 – Squeegee Guard Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1201496	(30000000-39999999)	Channel Wldt, Bumper, Rh	1
2	1201503	(30000000-39999999)	Channel Wldt, Bumper, Lh	1
3	12317	(30000000-39999999)	Screw, Hex, M10 X 1.50 X 30, Ss	10
4	01686	(30000000-39999999)	Washer, Flat, 0.44b 1.00d .08, Ss	18
5	08714	(30000000-39999999)	Nut, Hex, Lock, M10 X 1.5, NI, Ss	8
6	1024977	(30000000-39999999)	Bumper, Ure, 1.50d 1.25l	2
7	32492	(30000000-39999999)	Washer, Flat, 0.38, Std	4
8	69225	(30000000-39999999)	Screw, Hex, .38-16 X 1.00, Ss	2
9	1201499	(30000000-39999999)	Bracket, Support, Tank, Rh	1
10	1201504	(30000000-39999999)	Bracket, Support, Tank, Lh	1
11	1202246	(30000000-39999999)	Support Wldt, Guard, Rh	1
12	1202247	(30000000-39999999)	Support Wldt, Guard, Lh	1
13	09028	(30000000-39999999)	Screw, Hex, M10 X 1.50 X 25, Ss	6
14	01685	(30000000-39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	6
15	1204847	(30000000-39999999)	Tube, Guard, Pntd	1
16	06965	(30000000-39999999)	Screw, Hex, M10 X 1.50 X 80, 8.8	2
17	369359	(30000000-39999999)	Pin, Hitch, .375d X 3.12l, PI	1
18	19676	(30000000-39999999)	Cable, Glv .09d 013.0l .38eye /.38eye	1
19	09252	(30000000-39999999)	Screw, Hex, M5 X 0.80 X 20, 8.8	1
20	01683	(30000000-39999999)	Washer, Flat, 10, Ss	2
21	09739	(30000000-39999999)	Nut, Hex, Lock, M5 X 0.80, NI, Ss	1

Fig. 6 – Heavy Duty Bumper Kit

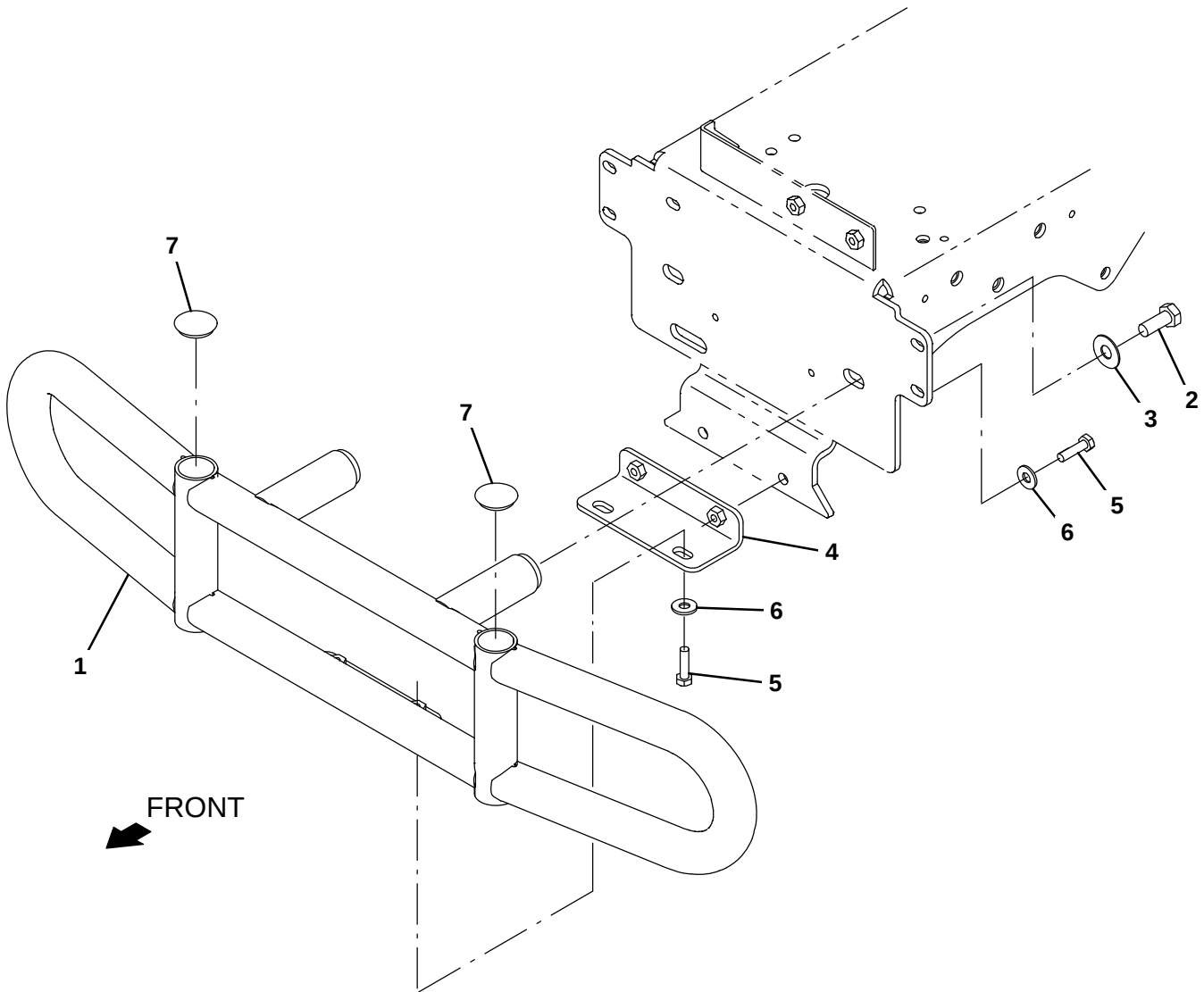


Fig. 6 – Heavy Duty Bumper Kit

NOTE: Overhead Guard Kit (including Heavy Duty Bumper), Tennant Part Number 9009861, includes; Fig. 6 and Fig. 7.

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9009857	(30000000–39999999)	Bumper Kit, Front, Hd, Ci [T12]	1
▲	1	1201452	(30000000–39999999)	Tube Wldt, Bmpr	1
▲	2	12309	(30000000–39999999)	Screw, Hex, M12 X 1.75 X 30, Ss	2
▲	3	140045	(30000000–39999999)	Washer, Flat, 0.51b 1.25d .06, Ss	2
▲	4	1201061	(30000000–39999999)	Bracket Wldt, Bumper	1
▲	5	09011	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 30, Ss	4
▲	6	01685	(30000000–39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	4
▲	7	1010399	(30000000–39999999)	Plug, Hole, Rnd, 1.25h .18, Blk Stl	2

Fig. 7 – Overhead Guard Kit

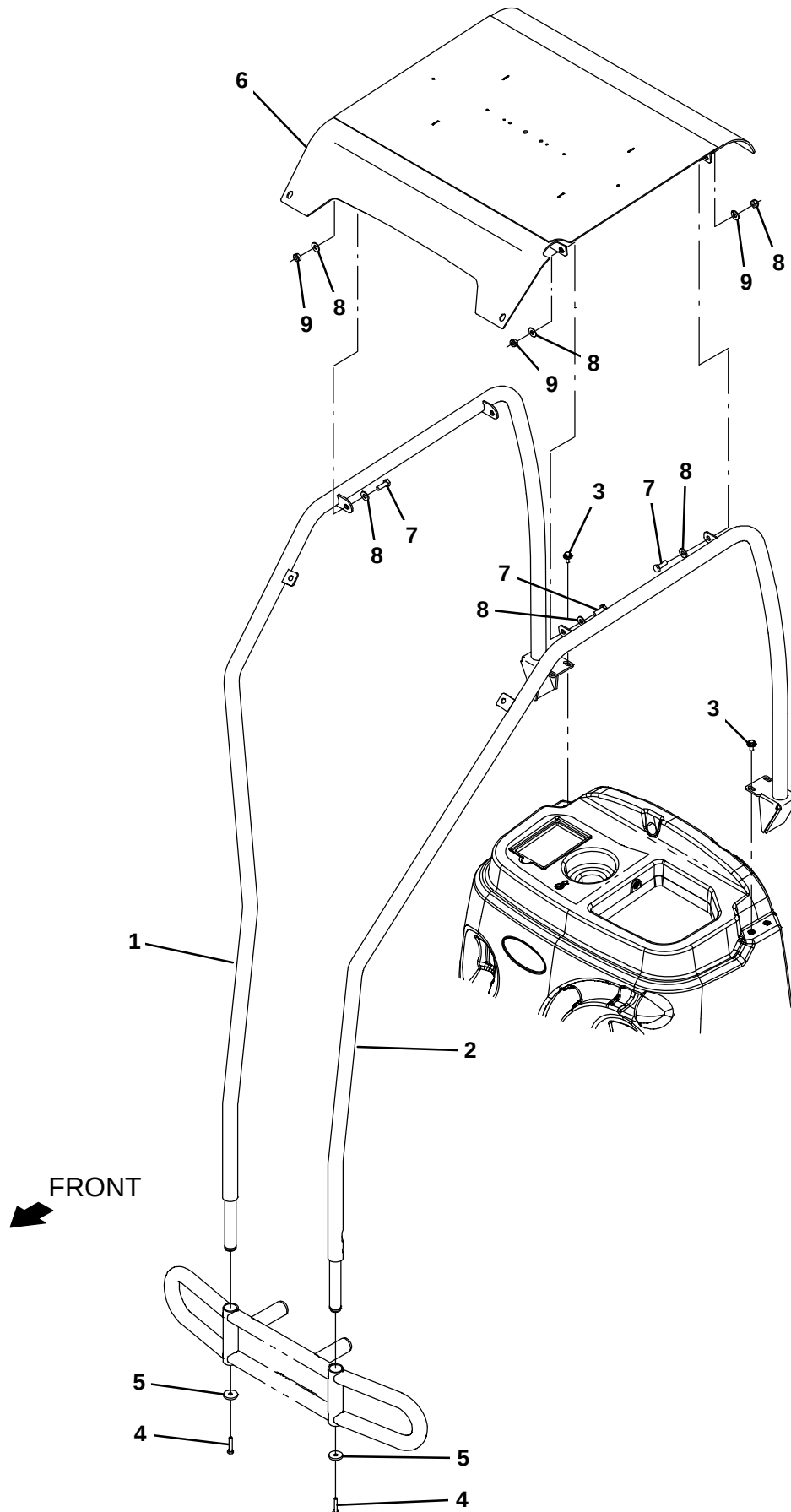


Fig. 7 – Overhead Guard Kit

NOTE: Overhead Guard Kit (including Heavy Duty Bumper), Tennant Part Number 9009861, includes; Fig. 6 and Fig. 7.

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9009848	(30000000–39999999)	Ohg Kit W/O Bumper, Ci [T12]	1
▲	1	1201550	(30000000–39999999)	Tube Wldt, Guard, Rh	1
▲	2	1201357	(30000000–39999999)	Tube Wldt, Guard, Lh	1
▲	3	1020341	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	4
▲	4	09023	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 35, Fl, Ss	2
▲	5	46983	(30000000–39999999)	Washer, Flat, 0.39b 1.38d .19, Stl, Pl	2
▲	6	1201247	(30000000–39999999)	Guard Wldt, Top, Ohg	1
▲	7	03192	(30000000–39999999)	Screw, Hex, M10 X 1.50 X 30, 8.8	4
▲	8	32492	(30000000–39999999)	Washer, Flat, 0.38, Std	8
▲	9	41430	(30000000–39999999)	Nut, Hex, Lock, M10 X 1.5, NI	4

Fig. 8 – ec-H2O Solution Pump Group

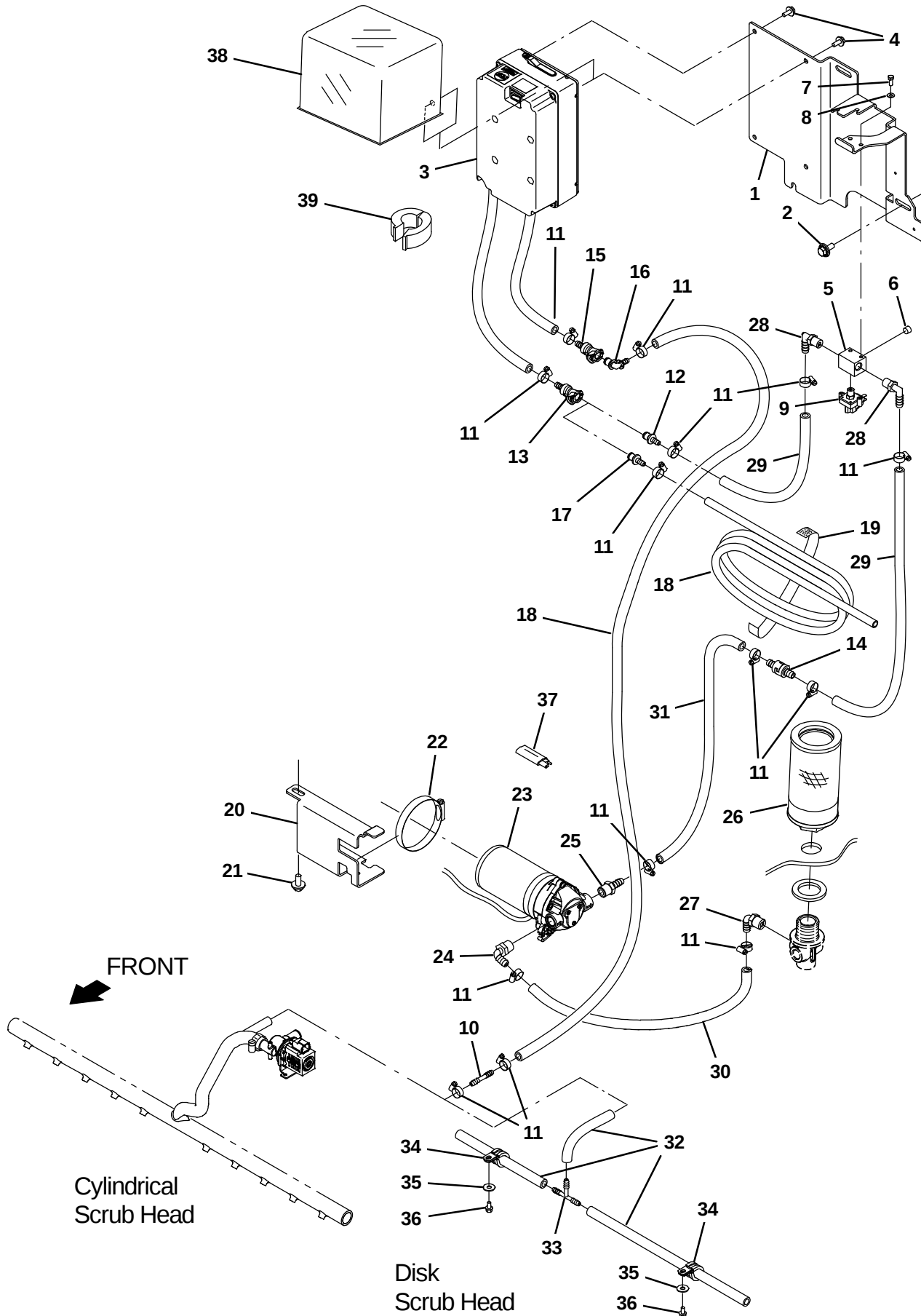


Fig. 8 – ec-H2O Solution Pump Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1247316	(30000000-39999999)	Bracket, Soltn [Ec-H2o]	1
2	1020341	(30000000-39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	3
3	9010933	(30000000-39999999)	Ech20 Module, Afmkt [T12] (See Breakdowns)	1
4	1034731	(30000000-39999999)	Screw, Hex, M6 X 1.00 X 16, Ss, Sems	4
5	1059231	(30000000-39999999)	Fitting, Stl, Pm04/Pm02/Pm04/Pm02, Spcl	1
6	150208	(30000000-39999999)	Fitting, Brs, Str, Pm02, Plug [Skhd]	1
7	09738	(30000000-39999999)	Screw, Hex, M5 X 0.80 X 12, Ss	2
8	140011	(30000000-39999999)	Washer, Flat, 0.21b 0.45d .03, Ss	2
9	1044415	(30000000-39999999)	Switch, Press, 20psi, Pm02	1
10	1052705	(30000000-39999999)	Fitting, Plstc, Str, Bm04/Bm04	2
11	43844	(30000000-39999999)	Clamp, Hose, Wormdrive, 0.25-0.62d, .31w	14
12	1203814	(30000000-39999999)	Fitting, Plstc, Str, Bm06, Cplg, Male	1
13	1203454	(30000000-39999999)	Fitting, Plstc, Str, Bm06, Cplg, Fem	1
14	1015455	(30000000-39999999)	Valve, Check, 0005psi Bm06/Bm06	1
15	1203996	(30000000-39999999)	Fitting, Plstc, Str, Bm05, Cplg, Fem	1
16	1204024	(30000000-39999999)	Fitting, Plstc, E90, Bm04 Cplg Male	1
17	1204338	(30000000-39999999)	Fitting, Plstc, Str, Bm04, Cplg, Male	1
18	1206779	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.25Id, 08Ft	2
19	1059534	(30000000-39999999)	Fastener, 09.00l [Hook & Loop]	1
20	1201310	(30000000-39999999)	Bracket, Pump, Soltn	1
21	1020341	(30000000-39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	1
22	43555	(30000000-39999999)	Clamp, Hose, Wormdrive, 2.62-3.50d	1
23	1200328	(30000000-39999999)	Pump, Soltn, Ele, 36vdc, 60psi	1
24	1005630	(30000000-39999999)	Fitting, Plstc, E90, Bm06/Pm06, Nyl	1
25	150538	(30000000-39999999)	Fitting, Plstc, Str, Bm06/Pm06	1
26	1201379	(30000000-39999999)	Filter, Soltn, 080 Mesh, Pm12 3.2d 6.0l	1
27	1005630	(30000000-39999999)	Fitting, Plstc, E90, Bm06/Pm06, Nyl	1
28	57248	(30000000-39999999)	Fitting, Plstc, E90, Bm06/Pm04, Nyl	2
29	1014971	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.38id, 01ft, Clr	2
30	1006400	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.38id, 03ft, Clr	1
31	1014974	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.38id, 02ft, Clr	1
32	1206778	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.25Id, 03Ft	1
33	150713	(30000000-39999999)	Fitting, Plstc, Tee, Bm04/Bm04/Bm04	1
34	1016354	(30000000-39999999)	Clamp, Cable, Ss, 0.50D X 0.50W [Insul]	2
35	01684	(30000000-39999999)	Washer, Flat, 0.27B 0.69D .05, Ss	2
36	223198	(30000000-39999999)	Screw, Hex, M5 X 0.80 X 10, Fmg	2
37	1040868	(30000000-39999999)	Capacitor, Plug [.01 Uf, 200V]	1
38	9011663	(30000000-39999999)	Silicone Cap, Afmkt [ec-H2O]	1
39	1249803	(10000000-19999999)	Ferrite Clam On Id=0.52	1

Fig. 9 – ec-H2O Solution Supply Group, Side Brush

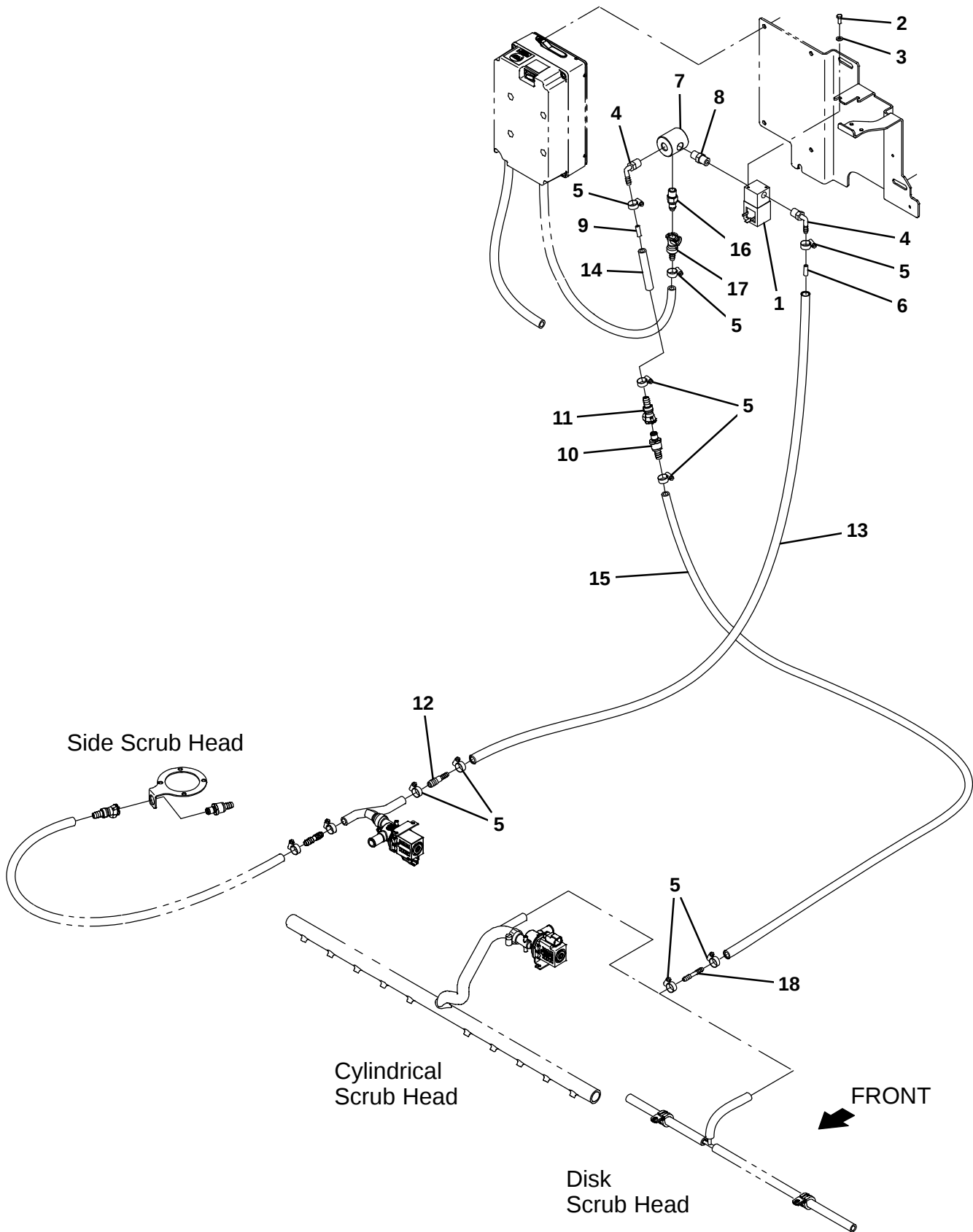


Fig. 9 – ec-H2O Solution Supply Group, Side Brush

Ref.	Part No.	Serial Number	Description	Qty.
1	1028581	(30000000-39999999)	Valve, Water, Solenoid, 36vdc 6.0mm Pf04	1
2	09738	(30000000-39999999)	Screw, Hex, M5 X 0.80 X 12, Ss	2
3	140011	(30000000-39999999)	Washer, Flat, 0.21b 0.45d .03, Ss	2
4	1011170	(30000000-39999999)	Fitting, Plstc, E90, Bm04/Pm04, Nyl	2
5	43844	(30000000-39999999)	Clamp, Hose, Wormdrive, 0.25-0.62d, .31w	9
6	1200467	(30000000-39999999)	Fitting, Plstc, Rst	1
7	1200998	(30000000-39999999)	Fitting, Plstc, Pf04/Pf04/Pf04	1
8	1052010	(30000000-39999999)	Fitting, Plstc, Str, Pm04/Pm04	1
9	1201441	(30000000-39999999)	Fitting, Plstc, Rst, Main Head	1
10	1204338	(30000000-39999999)	Fitting, Plstc, Str, Bm04, Cplg, Male	1
11	1002898	(30000000-39999999)	Fitting, Plstc, Str, Bm04, Cplg,Fem[Tco]	1
12	1039557	(30000000-39999999)	Fitting, Plstc, Str, Bm04/Bm06	1
13	1014949	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.25Id, 08Ft	1
14	1206776	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.25Id, 01Ft	1
15	1206779	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.25Id, 08Ft	1
16	1002899	(30000000-39999999)	Fitting, Plstc, Str, Pm04, Cplg,Mal[Tco]	1
17	1203996	(30000000-39999999)	Fitting, Plstc, Str, Bm05, Cplg, Fem	1
18	1052705	(30000000-39999999)	Fitting, Plstc, Str, Bm04/Bm04	1

Fig. 10 – ec-H2O Wire Harness Group

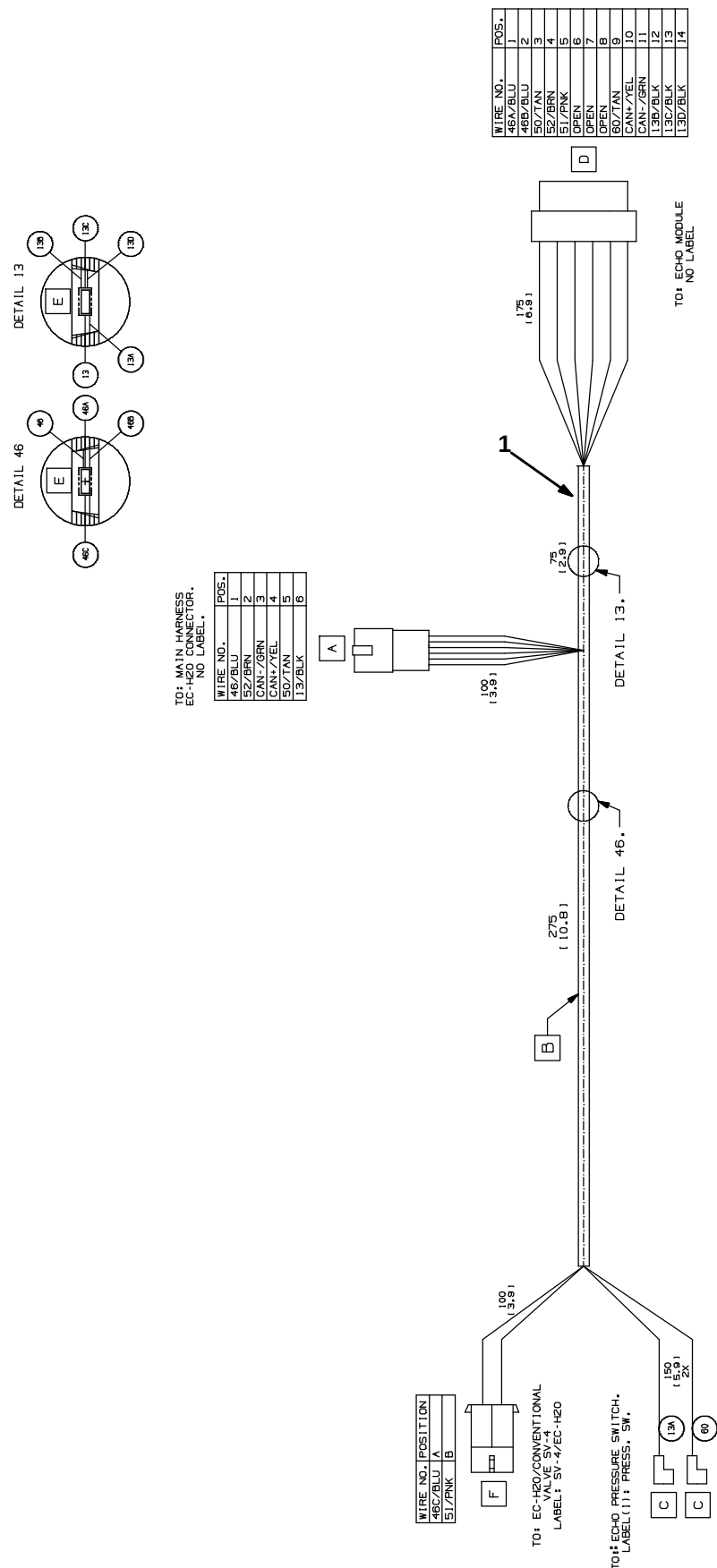


Fig. 10 – ec-H20 Wire Harness Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1069671	(30000000–39999999)	Harness, Ele [Ec-H20, T12]	1

Fig. 11 – Side Brush Motor and Squeegee Group

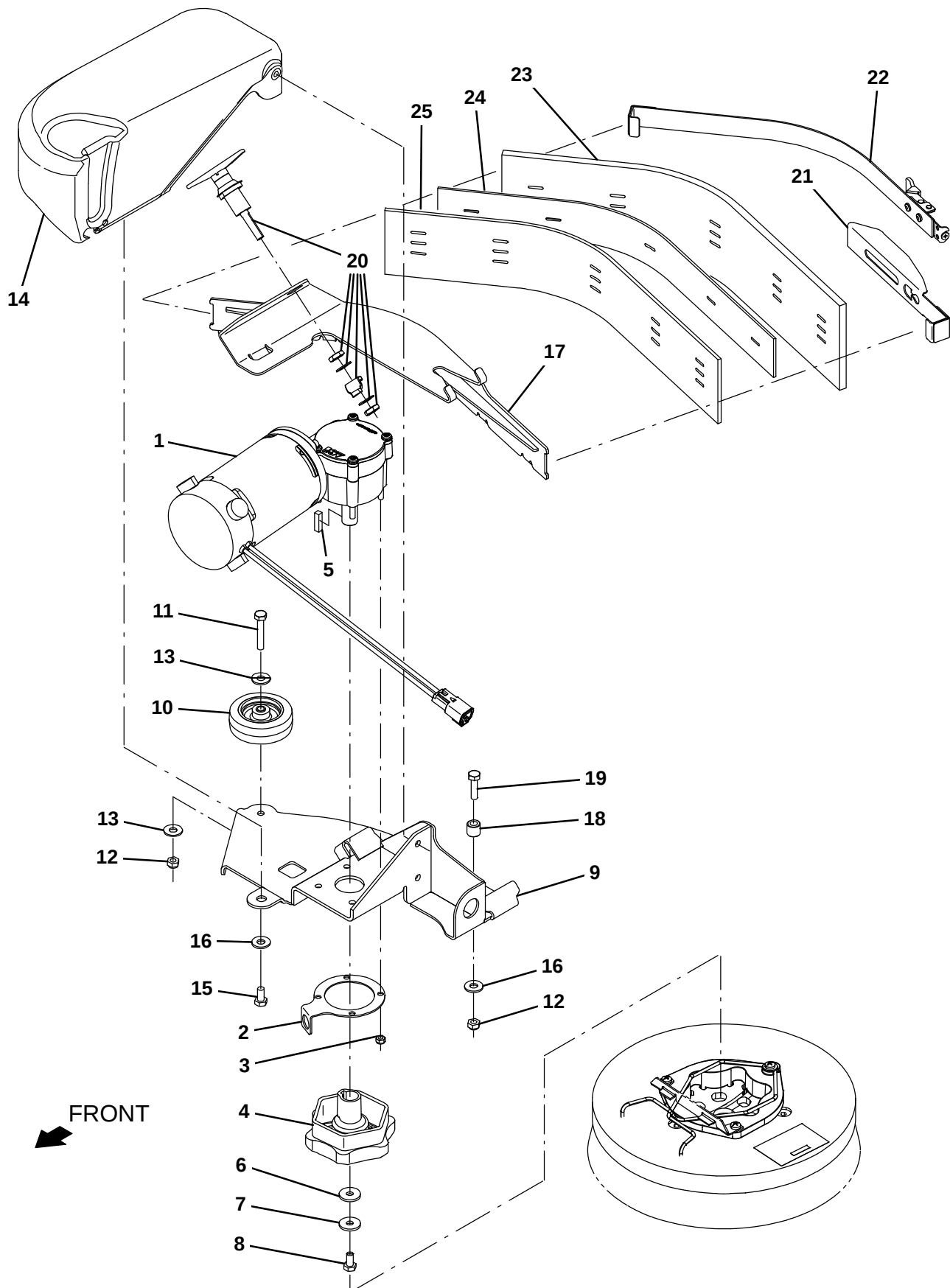


Fig. 11 – Side Brush Motor and Squeegee Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1245125	(30000000-39999999)	Motor, Ele, 36vdc 0320rpm 0.63hp Gear	1
▲		1242618	(30000000-39999999)	Brush, Motor [1pc=1kit]	1
	2	1203439	(30000000-39999999)	Plate, Sppt	1
	3	08712	(30000000-39999999)	Nut, Hex, Lock, M6 X 1.00, NI, Ss	4
	4	377364	(30000000-39999999)	Hub, Drive, Brush, Disk, 0.75b [6t]	1
	5	00928	(30000000-39999999)	Key, Sq, 0.25 X 0.25, 1.00l	1
	6	1017218	(30000000-39999999)	Washer, Flat, 0.32b 1.00d .12, Ss	1
	7	41186	(30000000-39999999)	Washer, Flat, Belleville, .31	1
	8	09740	(30000000-39999999)	Screw, Hex, M8 X 1.25 X 20, Ss	1
	9	1200417	(30000000-39999999)	Plate Wldt, Deck, Sba	1
	10	1014918	(30000000-39999999)	Wheel, 03.0d 0.88w 0.31b, W/ Bshg, Rbr	1
	11	222505	(30000000-39999999)	Screw, Hex, M8 X 1.25 X 45, Ss	1
	12	08713	(30000000-39999999)	Nut, Hex, Lock, M8 X 1.25, NI, Ss	2
	13	01685	(30000000-39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	2
	14	9010929	(30000000-39999999)	Cover, Motor, Sba, Afmkt [T12]	1
	15	15675	(30000000-39999999)	Screw, Hex, M8 X 1.25 X 16, Ss	1
	16	01685	(30000000-39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	2
	17	1201327	(30000000-39999999)	Squeegee Wldt, Holder, Sba	1
	18	80409	(30000000-39999999)	Sleeve, P/M, 0.34b 0.63d 0.6l, Bnz	1
	19	09011	(30000000-39999999)	Screw, Hex, M8 X 1.25 X 30, Ss	1
	20	1201149	(30000000-39999999)	Latch, Compression, Sqge, Sba	1
	21	1201609	(30000000-39999999)	Retainer Wldt, Sqge, Sba	1
	22	1201610	(30000000-39999999)	Retainer Wldt, Sqge, Sba, With Latch	1
	23	1201345	(30000000-39999999)	Blade, Sqge, Sba, Linatex	1
	23	1204541	(30000000-39999999)	Blade, Sqge, Sba, Urethane (Option)	1
	23	1204543	(30000000-39999999)	Blade, Sqge, Sba, Gum (Option)	1
	24	1201344	(30000000-39999999)	Spacer, Blade	1
	25	1201343	(30000000-39999999)	Blade, Sqge, Sba, Inner, Linard	1
	25	1204540	(30000000-39999999)	Blade, Sqge, Sba, Inner, Urethane (Option)	1
	25	1204542	(30000000-39999999)	Blade, Sqge, Sba, Inner, Gum (Option)	1

Fig. 12 – Side Brush Pivot Group

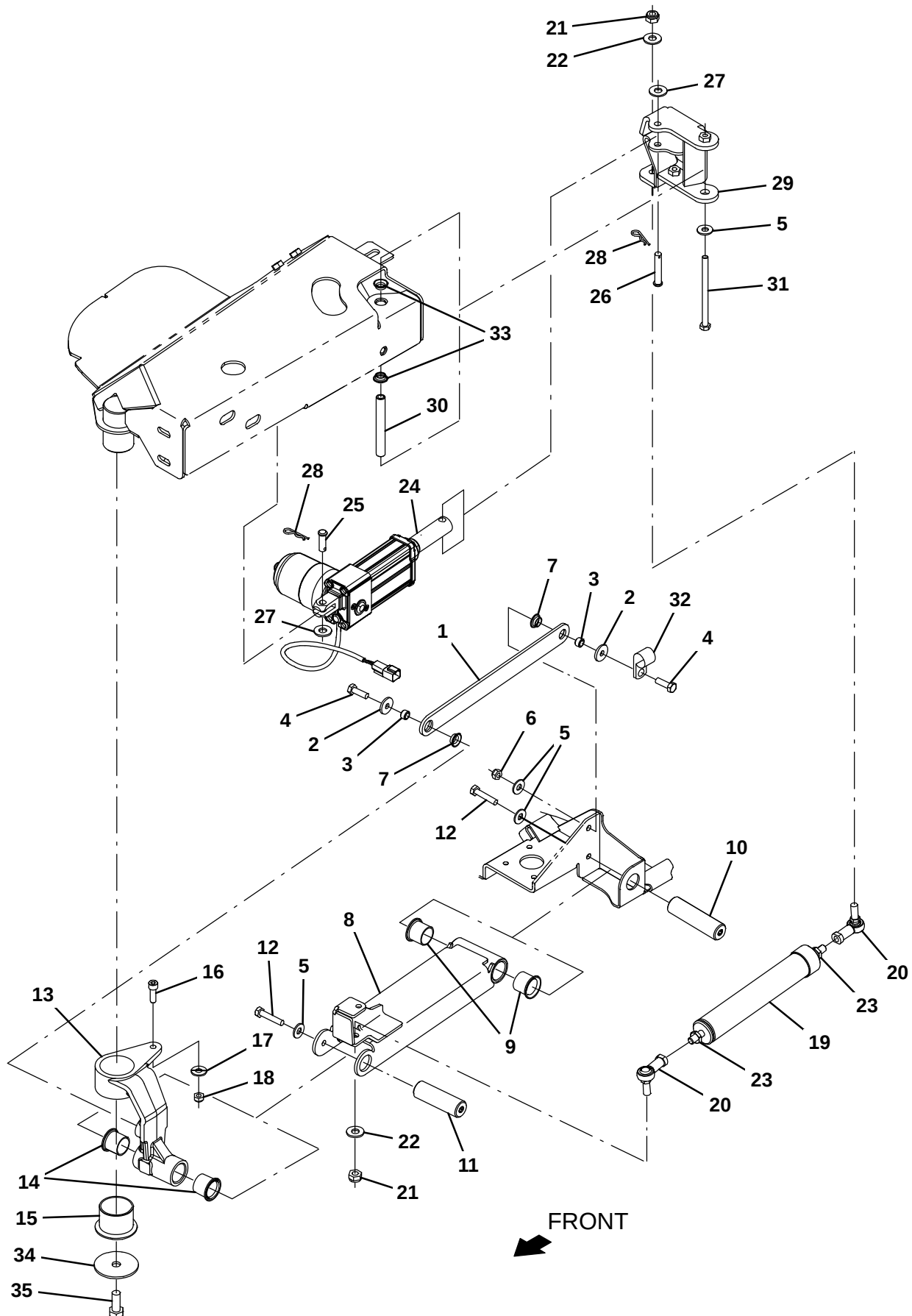


Fig. 12 – Side Brush Pivot Group

Ref.	Part No.	Serial Number	Description	Qty.	
1	1200939	(30000000–39999999)	Link, Upper	1	
2	1017218	(30000000–39999999)	Washer, Flat, 0.32b 1.00d .12, Ss	2	
3	222516	(30000000–39999999)	Sleeve, P/M, 0.32b 0.50d 0.3l [430ss]	2	
4	09010	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 25, Ss	2	
5	01685	(30000000–39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	5	
6	08713	(30000000–39999999)	Nut, Hex, Lock, M8 X 1.25, NI, Ss	1	
7	1054662	(30000000–39999999)	Bushing, Flng, 0.50b 0.59d 0.25l	2	
▽	8	9011055	(30000000–39999999)	Lift channel Kit, Sba, Afmkt [T12]	1
▲	9	54618	(30000000–39999999)	Bushing, Flng, 1.00b 1.13d 1.00l	2
10	1201137	(30000000–39999999)	Pin, Pivot, Sba	1	
11	1201575	(30000000–39999999)	Pin, Pivot, Sba	1	
12	09026	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 40, Ss	2	
▽	13	9011054	(30000000–39999999)	Pivot Arm Kit, Sba, Afmkt [T12]	1
▲	14	54618	(30000000–39999999)	Bushing, Flng, 1.00b 1.13d 1.00l	2
▲	15	1201101	(30000000–39999999)	Bushing, Flng, 1.75b 1.94d 1.50l	1
▲	16	39308	(30000000–39999999)	Screw, Soc, M8 X 1.25 X 25, 12.9	1
▲	17	01685	(30000000–39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	1
▲	18	08713	(30000000–39999999)	Nut, Hex, Lock, M8 X 1.25, NI, Ss	1
▽	19	9010938	(30000000–39999999)	Spring Assy, Replmt, Afmkt [T12]	1
▲	20	05686	(30000000–39999999)	Rod–End, M10 X 1.5rh Fem M10 X 1.5stud	2
▲	21	08714	(30000000–39999999)	Nut, Hex, Lock, M10 X 1.5, NI, Ss	2
▲	22	01686	(30000000–39999999)	Washer, Flat, 0.44b 1.00d .08, Ss	2
▲	23	763064	(30000000–39999999)	Nut, Hex, Jam, M10 X 1.5, [Din439]	2
▽	24	9010941	(30000000–39999999)	Actuator Kit, Sba, Afmkt [T12]	1
▲	25	86240	(30000000–39999999)	Pin, Clevis, 0.38d X 1.13l	1
▲	26	29584	(30000000–39999999)	Pin, Clevis, 0.37d X 2.00l	1
▲	27	01686	(30000000–39999999)	Washer, Flat, 0.44b 1.00d .08, Ss	2
▲	28	44906	(30000000–39999999)	Pin, Cotter, Hair, 0.38d .093 Wir	2
29	1201094	(30000000–39999999)	Arm Assy, Lift, Actuator	1	
30	1202694	(30000000–39999999)	Sleeve, 0.334b 0.494d 4.00l Stl Pl	1	
31	49883	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 120, 8.8, FI	1	
32	140314	(10000000–19999999)	Clamp, Cable, Stl, 0.75D X 0.75W, 1Hole	1	
33	1054662	(30000000–39999999)	Bushing, Flng, 0.50b 0.59d 0.25l	2	
34	1200634	(30000000–39999999)	Washer, Flat, 0.48b 2.50d .12, Ss	1	
35	12309	(30000000–39999999)	Screw, Hex, M12 X 1.75 X 30, Ss	1	

Fig. 13 – Side Brush Bumper and Mount Group

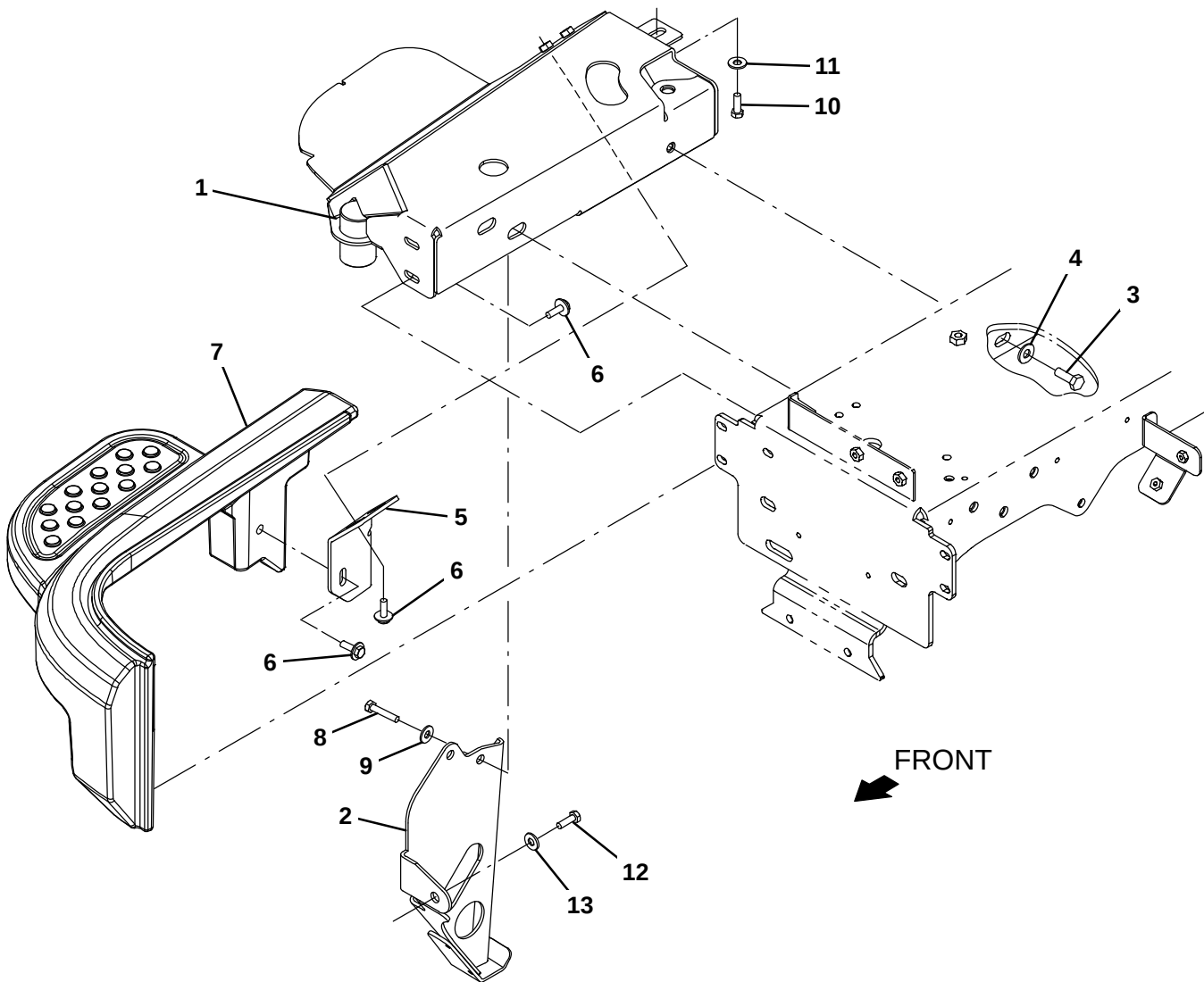


Fig. 13 – Side Brush Bumper and Mount Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1200370	(30000000–39999999)	Bracket Wldt, Mount, Sba	1
2	1202914	(30000000–39999999)	Bracket Wldt, Skid, Anti-Roll	1
3	12317	(30000000–39999999)	Screw, Hex, M10 X 1.50 X 30, Ss	1
4	01686	(30000000–39999999)	Washer, Flat, 0.44b 1.00d .08, Ss	1
5	1202521	(30000000–39999999)	Bracket, Sppt, Door	1
6	1020341	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	3
7	9010926	(30000000–39999999)	Bumper, Sba, Afmkt [T12]	1
8	09028	(30000000–39999999)	Screw, Hex, M10 X 1.50 X 25, Ss	2
9	01686	(30000000–39999999)	Washer, Flat, 0.44b 1.00d .08, Ss	2
10	09010	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 25, Ss	1
11	01685	(30000000–39999999)	Washer, Flat, 0.38b 0.88d .08, Ss	1
12	12309	(30000000–39999999)	Screw, Hex, M12 X 1.75 X 30, Ss	1
13	140045	(30000000–39999999)	Washer, Flat, 0.51b 1.25d .06, Ss	1

Fig. 14 – Side Brush Solution Supply Group

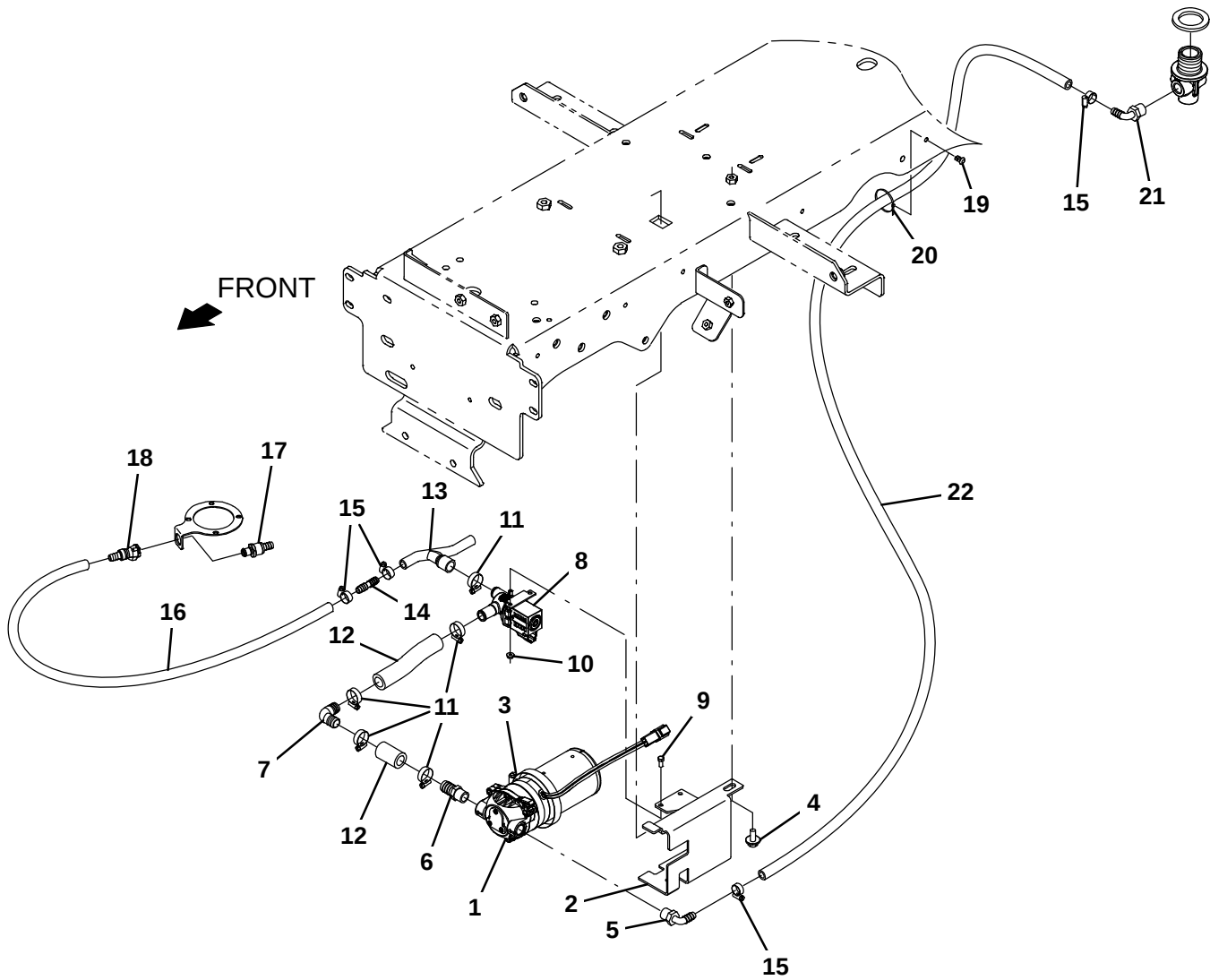


Fig. 14 – Side Brush Solution Supply Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1200713	(30000000-39999999)	Pump, Soltn, 36vdc	1
2	1201313	(30000000-39999999)	Bracket, Pump	1
3	43555	(30000000-39999999)	Clamp, Hose, Wormdrive, 2.62-3.50d	1
4	1020341	(30000000-39999999)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	1
5	1005630	(30000000-39999999)	Fitting, Plstc, E90, Bm06/Pm06, Nyl	1
6	1013900	(30000000-39999999)	Fitting, Plstc, Str, Bm10/Pm06, Nyl	1
7	391365	(30000000-39999999)	Fitting, Plstc, E90, Bm10/Bm10	1
8	1054795	(30000000-39999999)	Valve, Water, Solenoid, 36vdc Bm12/Bm12	1
9	09738	(30000000-39999999)	Screw, Hex, M5 X 0.80 X 12, Ss	2
10	07789	(30000000-39999999)	Nut, Hex, Flng, M5 X 0.80	2
11	54333	(30000000-39999999)	Clamp, Hose, Wormdrive, 0.31-0.88d, .31w	5
12	1015033	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.62id, 01ft, Clr	1
13	1201336	(30000000-39999999)	Manifold, Soltn, Sba	1
14	20950	(30000000-39999999)	Fitting, Plstc, Str, Bm06/Bm06	1
15	43844	(30000000-39999999)	Clamp, Hose, Wormdrive, 0.25-0.62d, .31w	4
16	1006400	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.38id, 03ft, Clr	2
17	1203438	(30000000-39999999)	Fitting, Plstc, Str, Bm06, Mplg, Male	1
18	1203454	(30000000-39999999)	Fitting, Plstc, Str, Bm06, Cplg, Fem	1
19	1071085	(30000000-39999999)	Clip, Tie, 0.25d, Plstc	2
20	130773	(30000000-39999999)	Tie, Cable, Nyl, 11.0l, .14w, 3.0 Max. D	2
21	1005630	(30000000-39999999)	Fitting, Plstc, E90, Bm06/Pm06, Nyl	1
22	1014976	(30000000-39999999)	Hose, Afmkt, Pvc, Brd, 0.38id, 08ft, Clr	1

Fig. 15 – Side Brush Electrical Group

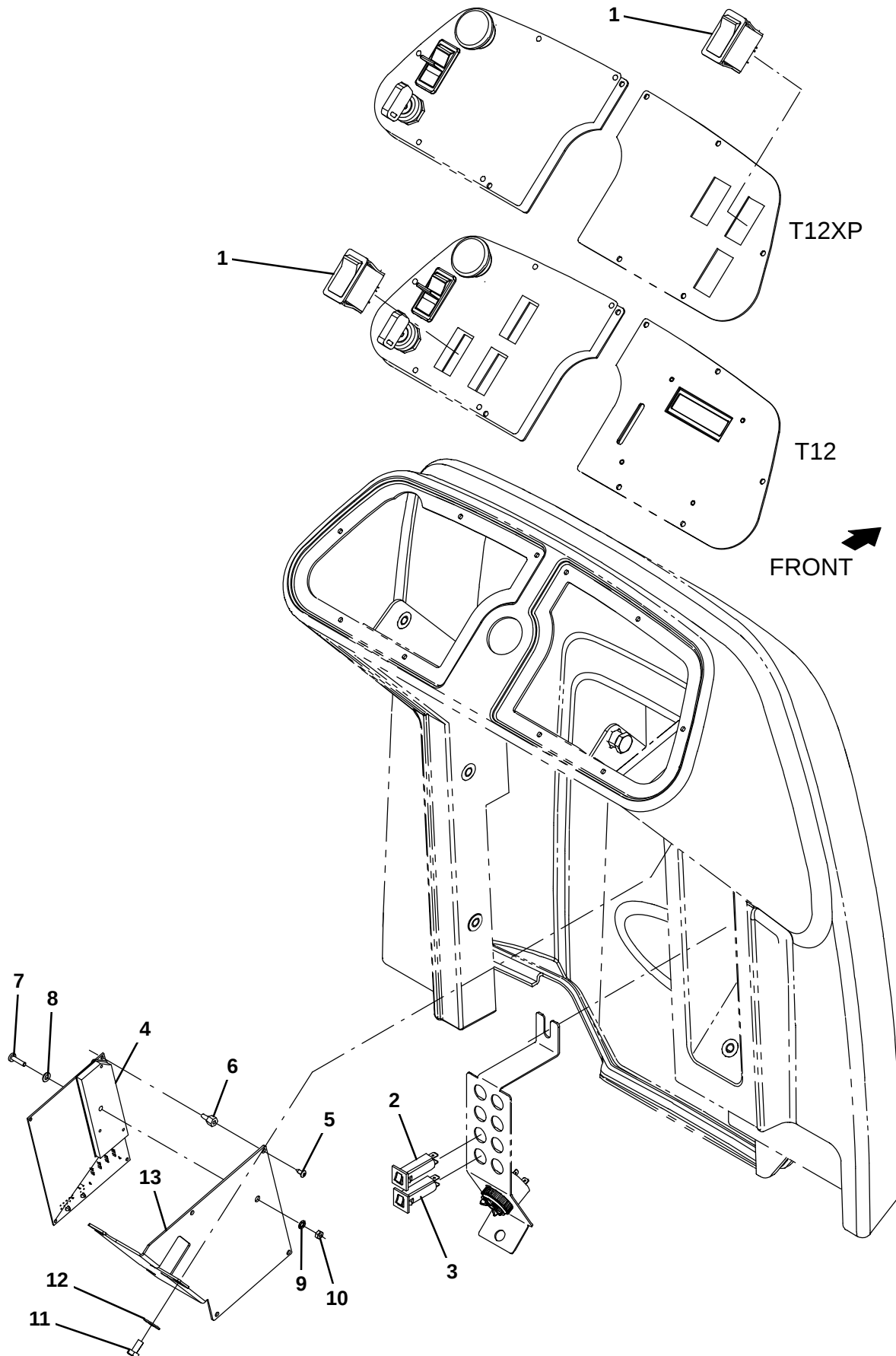


Fig. 15 – Side Brush Electrical Group

Ref.	Part No.	Serial Number	Description	Qty.
1	397889	(30000000–39999999)	Switch, Rocker, Dpst, On / None / On	1
2	1064184	(30000000–39999999)	Circuitbreaker, 02.5a, Resetable	1
3	1064189	(30000000–39999999)	Circuitbreaker, 20.0a, Resetable	1
4	9010932	(30000000–39999999)	Circuit Board Kit, H2o_Sba, Afmkt [T12]	1
5	3701.6	(30000000–39999999)	Pin, Grvd, 0.75d 01.90l, 1/0.59 [Btwn]	4
6	1016825	(30000000–39999999)	Support, Circuitboard	4
7	24265	(30000000–39999999)	Screw, Pan, Phl, M4 X 0.70 X 16, Ss	1
8	70246	(30000000–39999999)	Washer, Flat, 0.19b 0.38d .03, Nyl	1
9	32978	(30000000–39999999)	Washer, Lock, Int, 08	1
10	1049573	(30000000–39999999)	Nut, Hex, Jam, M4 X 0.70, Ss	1
11	09744	(30000000–39999999)	Screw, Hex, M6 X 1.00 X 12, Ss	3
12	01684	(30000000–39999999)	Washer, Flat, 0.27b 0.69d .05, Ss	3
13	1201164	(30000000–39999999)	Bracket, Circuit Board, Sba	1

T12 9012729 (2-2023)

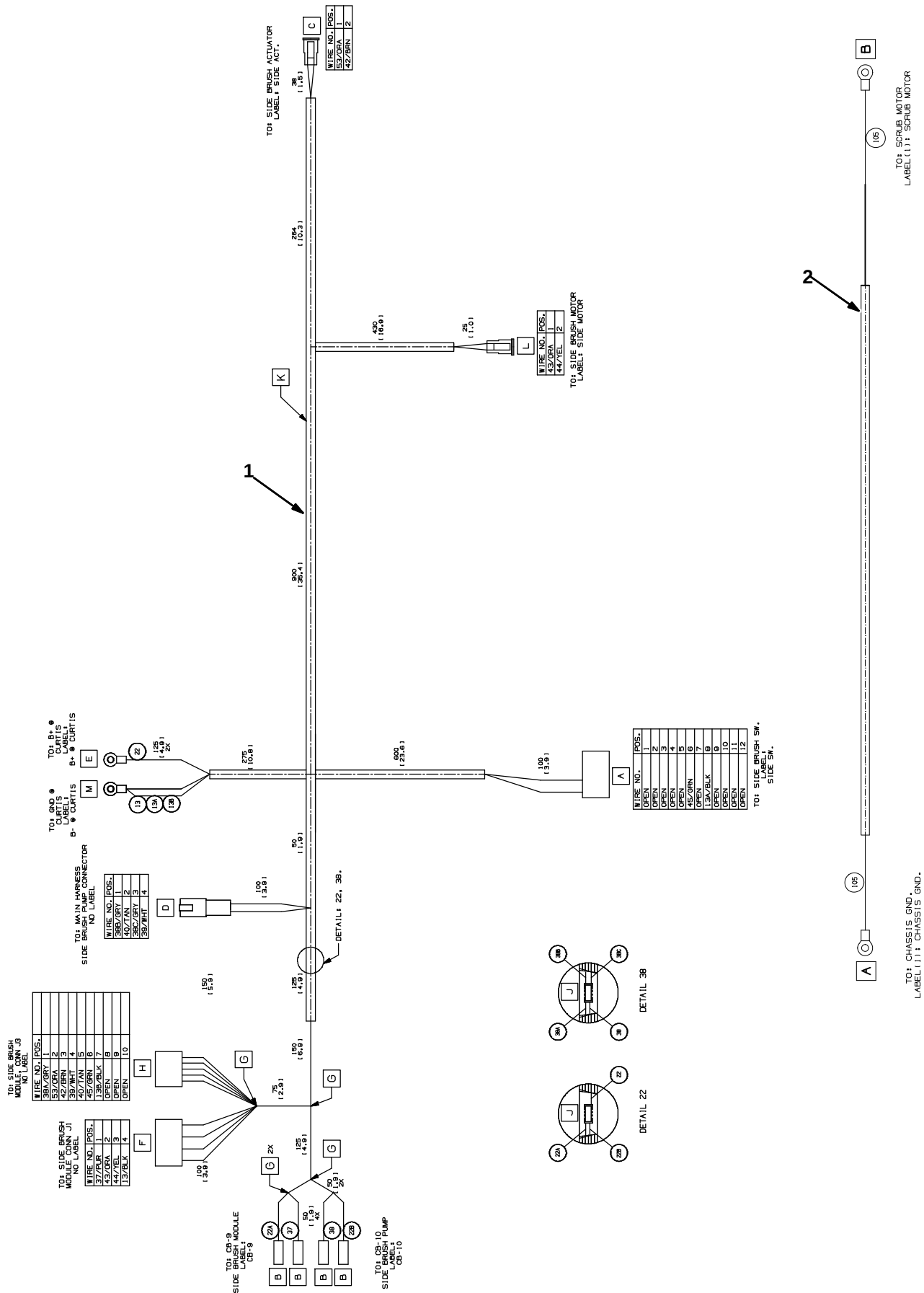


Fig. 16 – Side Brush Wire Harness Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1069639	(30000000–39999999)	Harness, Side Brush, Ele [T12]	1
2	1076673	(10000000–19999999)	Harness, Ele [Gnd., T12]	1

Fig. 17 – Spray Hose Kit

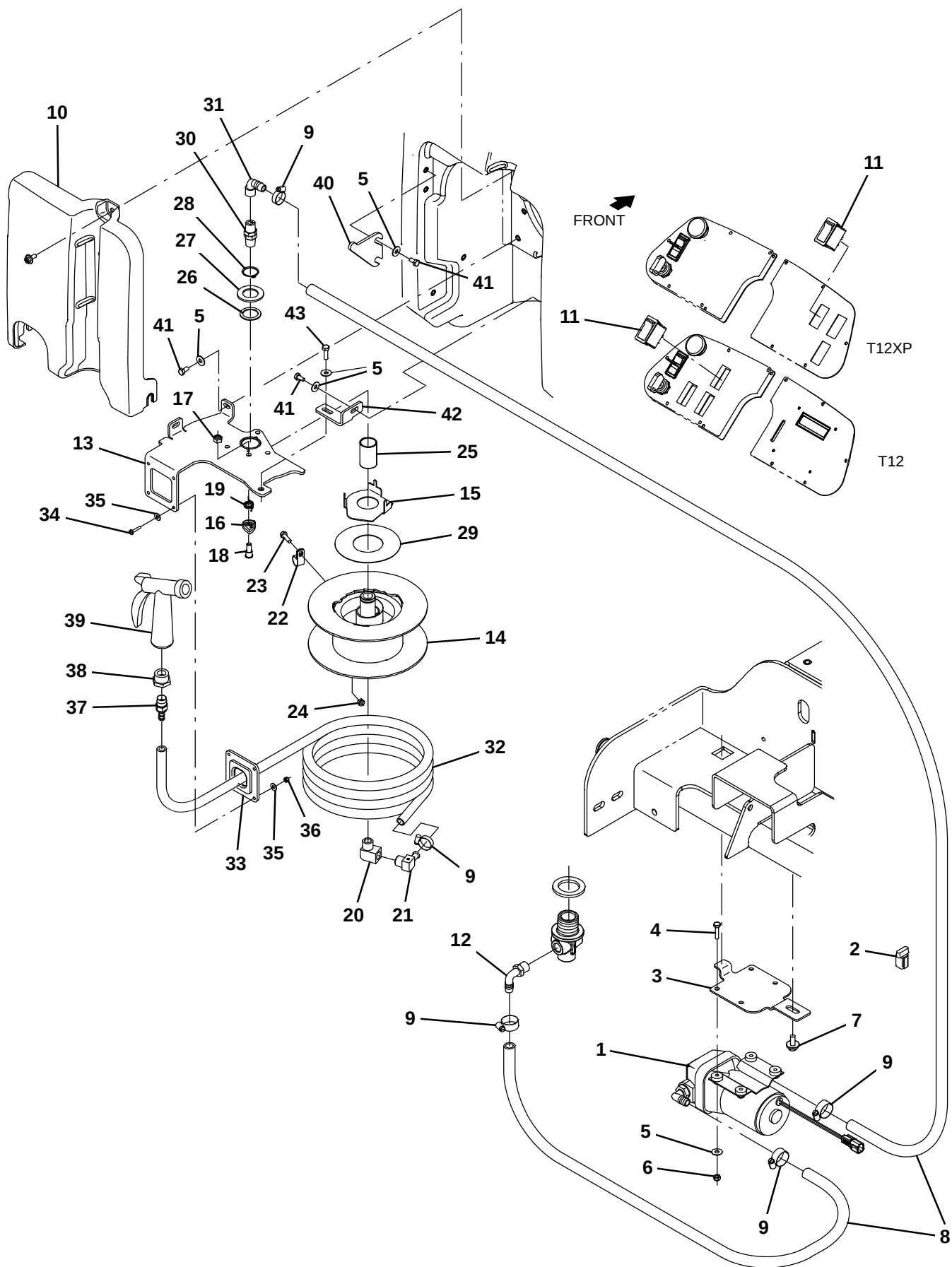


Fig. 17 – Spray Hose Kit

Ref.	Part No.	Serial Number	Description	Qty.
▽	9009852	(30000000–39999999)	) Spray Hose Kit, Ci [T12]	1
▲	1 1054178	(30000000–39999999)	) Pump, Soltn, Ele, 36vdc, 45psi	1
▲	2 1056982	(30000000–39999999)	) Diode, Ele, Plug	1
▲	3 1201314	(30000000–39999999)	) Bracket, Pump, Spray	1
▲	4 09007	(30000000–39999999)	) Screw, Hex, M6 X 1.00 X 25, Ss	4
▲	5 01684	(30000000–39999999)	) Washer, Flat, 0.27b 0.69d .05, Ss	12
▲	6 08712	(30000000–39999999)	) Nut, Hex, Lock, M6 X 1.00, NI, Ss	4
▲	7 1020341	(30000000–39999999)	) Screw, Hex, M8 X 1.25 X 20, Ss, Sems	1
▲	8 9010936	(30000000–39999999)	) Hose, Spray, Afmkt [T12]	8
▲	9 54333	(30000000–39999999)	) Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	5
▲	10 1202867	(30000000–39999999)	) Cover, Access, Vacfan, Trimmed	1
▲	11 398500	(30000000–39999999)	) Switch, Rocker, Dpdt, On / None / On	1
▲	12 64778	(30000000–39999999)	) Fitting, Plstc, E90, Bm08/Pm06	1
▲	13 1200239	(30000000–39999999)	) Plate Wldt, Mtg, Hose–Reel [Cassoday]	1
▲	14 1200313	(30000000–39999999)	) Reel Assy, Hose, Small	1
▲	15 1203947	(30000000–39999999)	) Washer, Retainer, Spring	1
▲	16 1201393	(30000000–39999999)	) Pawl, Ratchet	1
▲	17 08709	(30000000–39999999)	) Nut, Hex, Lock, M8 X 1.25, NI	1
▲	18 1056719	(30000000–39999999)	) Bolt, Shld, .41d X 0.35, M8 X 1.25	1
▲	19 1201423	(30000000–39999999)	) Spring, Torsion, Hose Reel	1
▲	20 24584	(30000000–39999999)	) Fitting, Brs, E90, Pf06/Pm06, Spcl	1
▲	21 1060128	(30000000–39999999)	) Fitting, Brs, E90, Bm06/Pm06, Short	1
▲	22 33584	(30000000–39999999)	) Clamp, Cable, Stl, 0.63d X 0.50w, 1hole	1
▲	23 06943	(30000000–39999999)	) Screw, Hex, M6 X 1.00 X 20, 8.8	1
▲	24 08708	(30000000–39999999)	) Nut, Hex, Lock, M6 X 1.00, NI	1
▲	25 1057816	(30000000–39999999)	) Bushing, Sleeve, 1.00b 1.13d 1.750l, Fgl	1
▲	26 1057814	(30000000–39999999)	) Washer, Thrust, Plstc 1.02b 1.38d	1
▲	27 32598	(30000000–39999999)	) Washer, Flat, 1.02b 1.75d .12, Stl	1
▲	28 09005	(30000000–39999999)	) Ring, Retaining, Ext, 1.00d, Basic	1
▲	29 1066919	(30000000–39999999)	) Washer, Thrust, 50.0b 110.0d 0.79w	1
▲	30 1200394	(30000000–39999999)	) Fitting, Swivel, Str, Pm06/Pm06, Brs	1
▲	31 47388	(30000000–39999999)	) Fitting, Brs, E90, Em08/Pm06	1
▲	32 9010936	(30000000–39999999)	) Hose, Spray, Afmkt [T12]	1
▲	33 1200665	(30000000–39999999)	) Guide, Hose, Hdpe [Cassoday]	1
▲	34 12323	(30000000–39999999)	) Screw, Pan, Phl, M4 X 0.70 X 20, Ss	4
▲	35 01683	(30000000–39999999)	) Washer, Flat, 10, Ss	8
▲	36 33932	(30000000–39999999)	) Nut, Hex, Lock, M4 X 0.70, NI, Ss	4
▲	37 1060428	(30000000–39999999)	) Fitting, Stl, Str, Bm06/Pm06, Swivel	1
▲	38 1027976	(30000000–39999999)	) Fitting, Brs, Str, Pf06/Pm12	1
▲	39 769785	(30000000–39999999)	) Nozzle, Spray, Gun	1
▲	40 1201096	(30000000–39999999)	) Hook, Nozzle, Hdpe	1
▲	41 09744	(30000000–39999999)	) Screw, Hex, M6 X 1.00 X 12, Ss	6
▲	42 1200732	(30000000–39999999)	) Plate, Mtg, Hose Reel	1
▲	43 08716	(30000000–39999999)	) Screw, Hex, M6 X 1.00 X 20, Ss	1

Fig. 18 – Vacuum Wand Kit

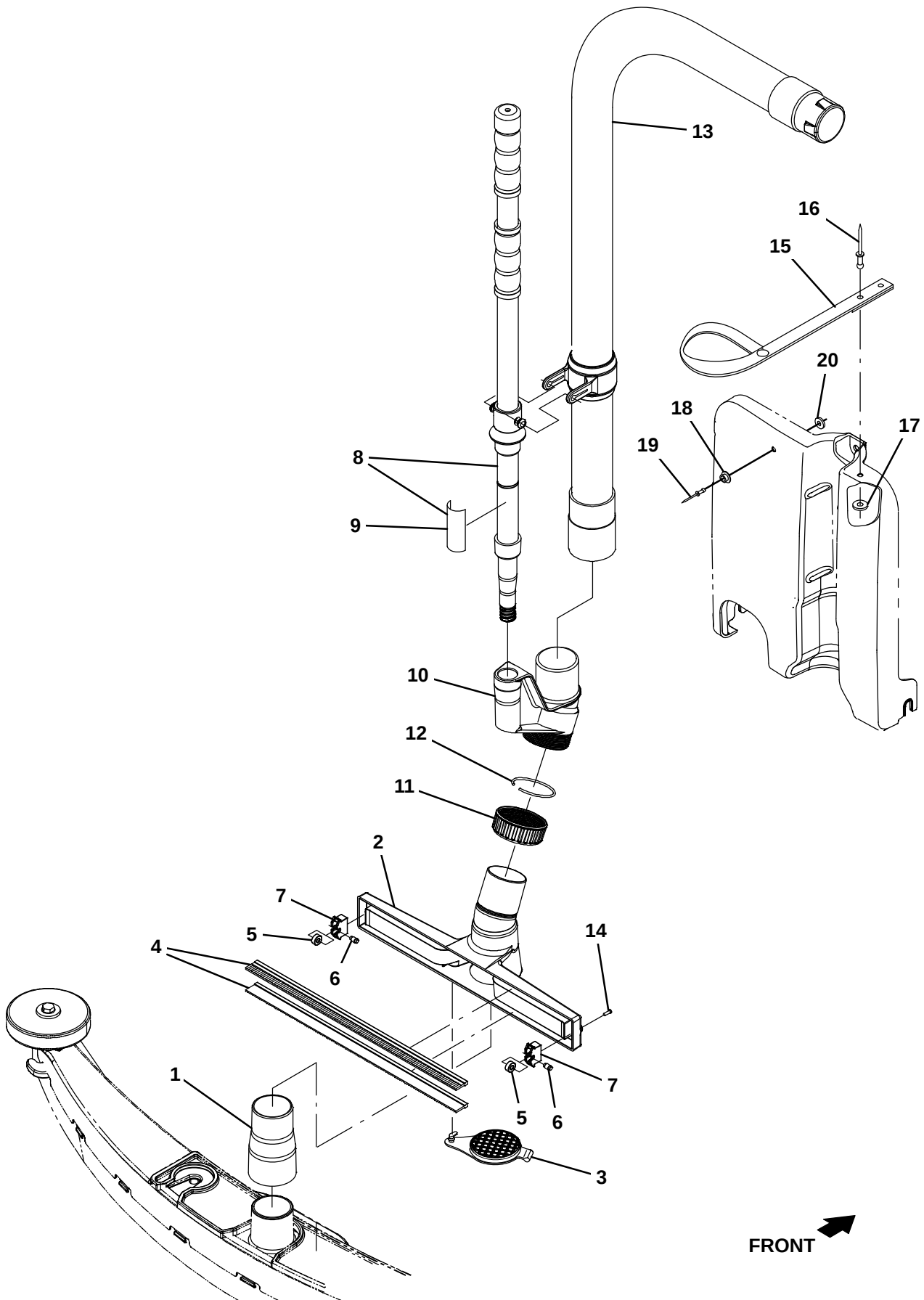


Fig. 18 – Vacuum Wand Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9010356	(30000000–39999999)	Wand Kit, Wet, Ci [T12]	1
▲	1	1060536	(30000000–39999999)	Cuff, Adapter, 1.75 X 2.00, Pvc	1
▲	2	1060440	(30000000–39999999)	Squeegee, Hand	1
▲	3	1060691	(30000000–39999999)	Plug, Adapter, Port	1
▲	4	1061356	(30000000–39999999)	Retainer, Blade, Sqge, 14.2l (Set of 2)	1
▲	5	1061570	(30000000–39999999)	Bearing, Ball, 0.24b 0.51d 0.20w [2seal]	2
▲	6	1061571	(30000000–39999999)	Pin, Axle, Brg	2
▲	7	1022671	(30000000–39999999)	Housing, Sqge, Holder, Wheel, F/609648	2
▲▽	8	9008155	(30000000–39999999)	Handle Kit, Wand, Afmkt	1
▲▲	9	1062659	(30000000–39999999)	Label, Opertnl, Vacuum Wand Handle	1
▲	10	1060708	(30000000–39999999)	Adapter, Swivel, 1.75, Abs	1
▲	11	1060718	(30000000–39999999)	Nut, Compression, 2.25–12, Abs	1
▲	12	1060720	(30000000–39999999)	Ring, Compression	1
▲	13	1200642	(30000000–39999999)	Hose Assy, Sqge, W/2cuff [Cassoday]	1
▲	14	763149	(30000000–39999999)	Screw, Pan, 06– X 0.38, F/ Plstc	2
▲	15	1061811	(30000000–39999999)	Strap, Retainer, Handle	1
▲	16	1067350	(30000000–39999999)	Rivet, Blind, .188d X 0.53 X .62d, Alm	2
▲	17	86308	(30000000–39999999)	Washer, Flat, .19b .50d .06, Alm, Blind	2
▲	18	1061812	(30000000–39999999)	Catch, Snap, Push, Mal	1
▲	19	01335	(30000000–39999999)	Rivet, Blind, .125d X 0.44 X .25d, Alm	1
▲	20	02892	(30000000–39999999)	Washer, Flat, 0.12b 0.38d .03, Pl	1

Fig. 19 – Battery Group, 36V 360Ah

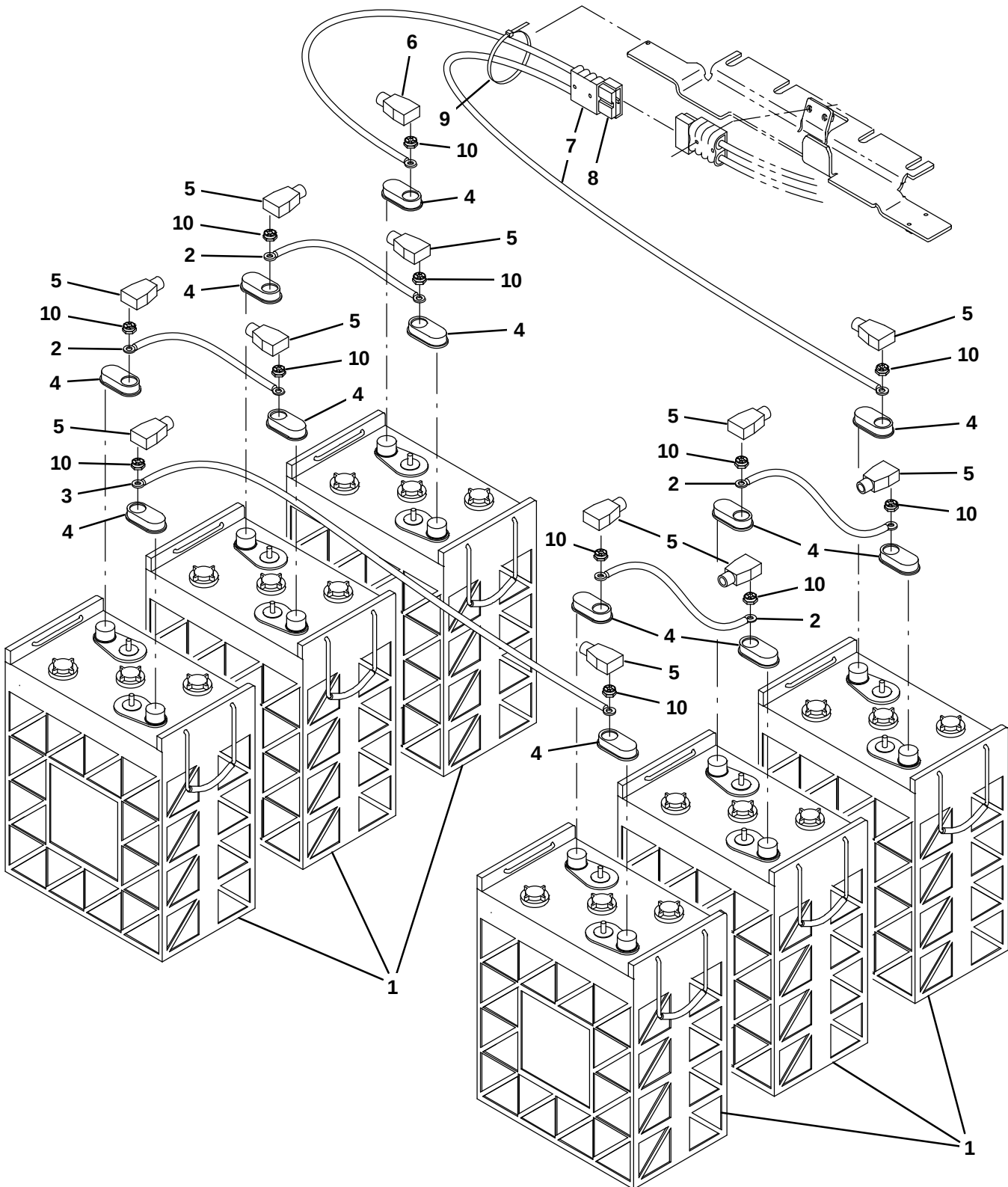


Fig. 19 – Battery Group, 36V 360Ah

Ref.	Part No.	Serial Number	Description	Qty.
	1	1070587	(30000000–39999999) Battery, Wet, 06Vdc 0360Ah, W/Carton	6
	2	223356	(30000000–39999999) Cable, 04ga 12.0l Blk .34ring /.34ring	4
	3	223364	(30000000–39999999) Cable, 04ga 18.0l Blk .34ring /.34ring	1
	4	1041030	(30000000–39999999) Cap, Battery	12
	5	68872	(30000000–39999999) Boot, Terminal, Battery, 02–01Ga, Blk	10
	6	68873	(30000000–39999999) Boot, Terminal, Battery, 02–01Ga, Red	1
▽	7	223361	(30000000–39999999) Cable Assy, 04ga .34ring /.34ring, 175a	1
▲	8	22892	(30000000–19999999) Connector, Anderson, 175a, Gray	1
	9	130773	(30000000–39999999) Tie, Cable, Nyl, 11.0l, .14w, 3.0 Max. D	1
	10	87435	(30000000–39999999) Nut, Hex, Flexlock, .31–18	12

Fig. 20 – Battery Group, 36V 312Ah

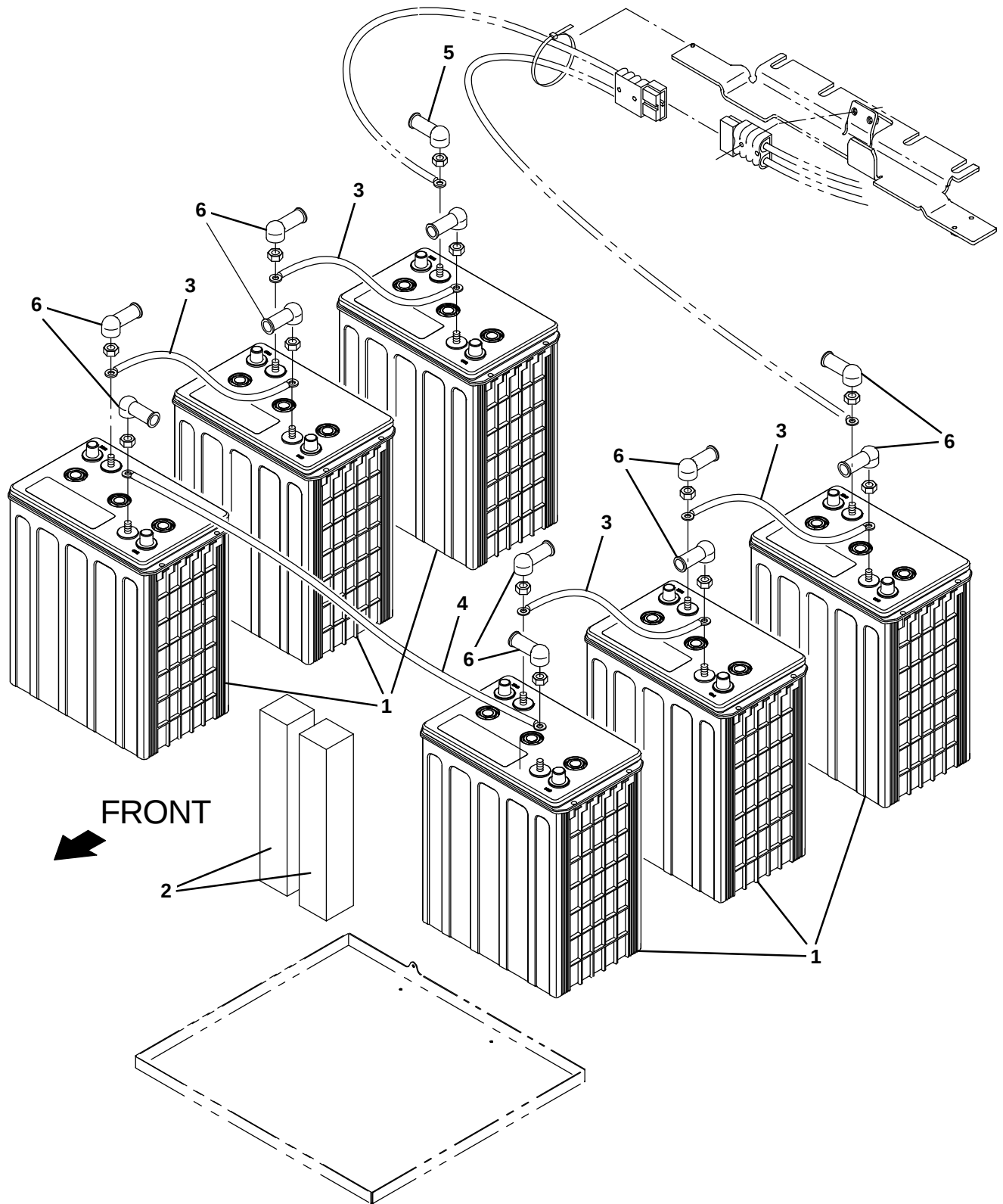
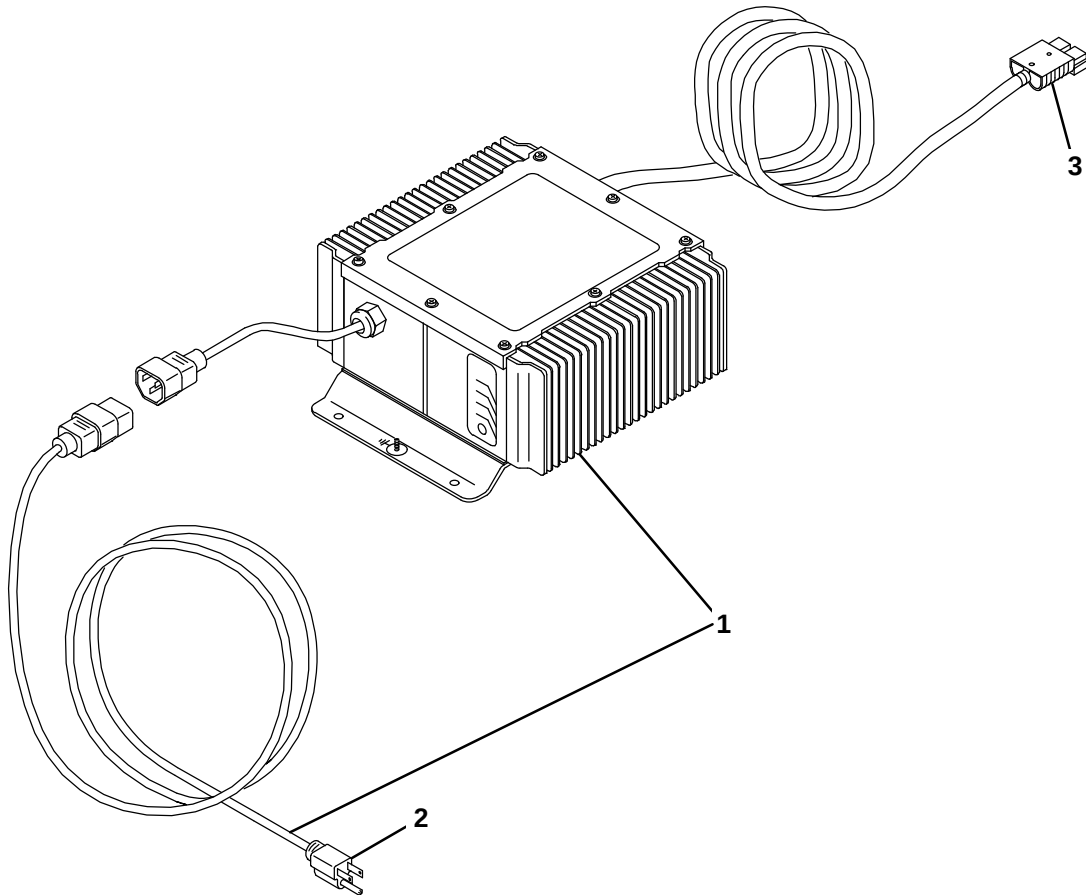


Fig. 19 – Battery Group, 36V 312Ah

Ref.	Part No.	Serial Number	Description	Qty.
1	1031914	(10000000–19999999)	Battery, Agm, 06vdc 0312ah [Discover]	6
2	83415	(10000000–19999999)	Spacer, Battery, Foam, 2.00 X 2.0 X 11.0	2
3	223355	(10000000–19999999)	Cable, 04ga 08.0l Blk .34ring /.34ring	4
4	223364	(10000000–19999999)	Cable, 04ga 18.0l Blk .34ring /.34ring	1
5	1016314	(10000000–19999999)	Boot, Bulb, .50id 1.00id 2.50l, Red	1
6	611221	(10000000–19999999)	Boot, Terminal, Battery, 25.4mm, Blk	11

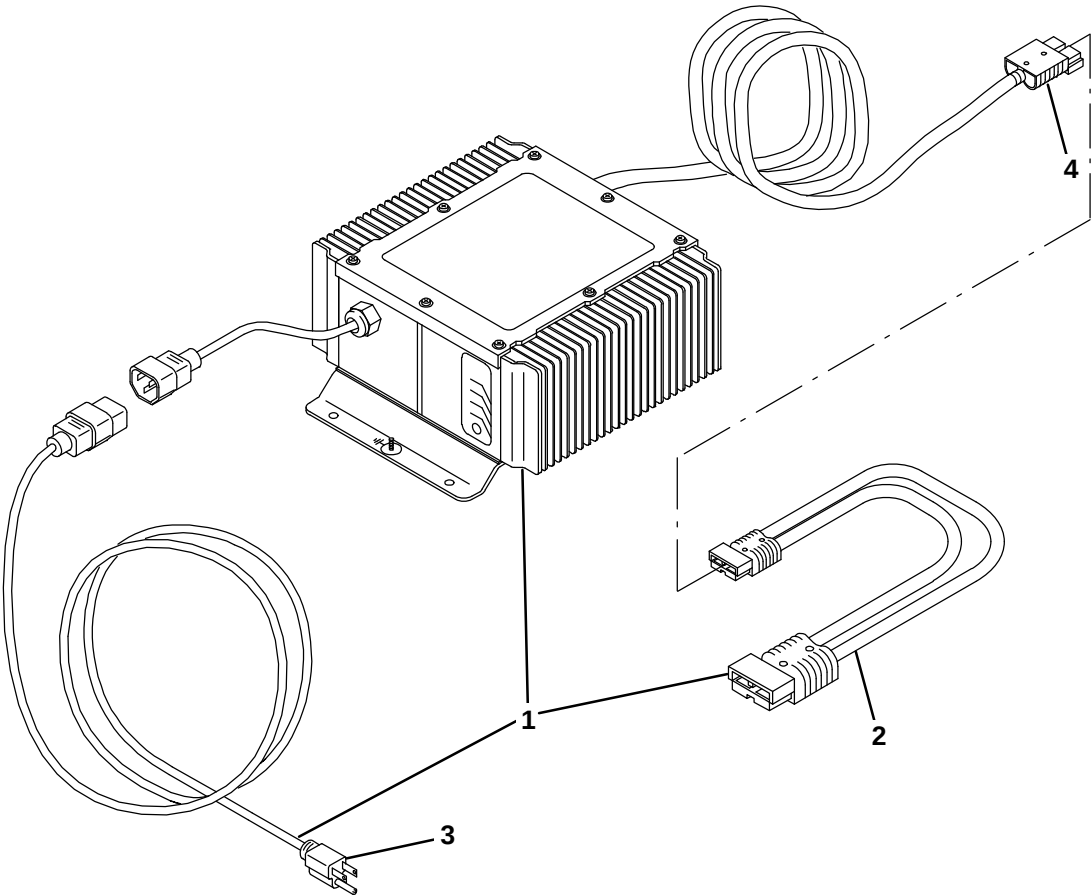
Fig. 21 – Battery Charger Group



356199

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	9001055	(30000000-39999999)	Charger Kit, 36vdc 021a, 1ph,Domestic,Ci	1
▲	2	1017079	(30000000-39999999)	Cord, Extn, 16ga /3, 10ft [Sjt]	1
▲	3	130155	(30000000-39999999)	Connector, Battery, 6ga 50a, Gray[2cont]	1

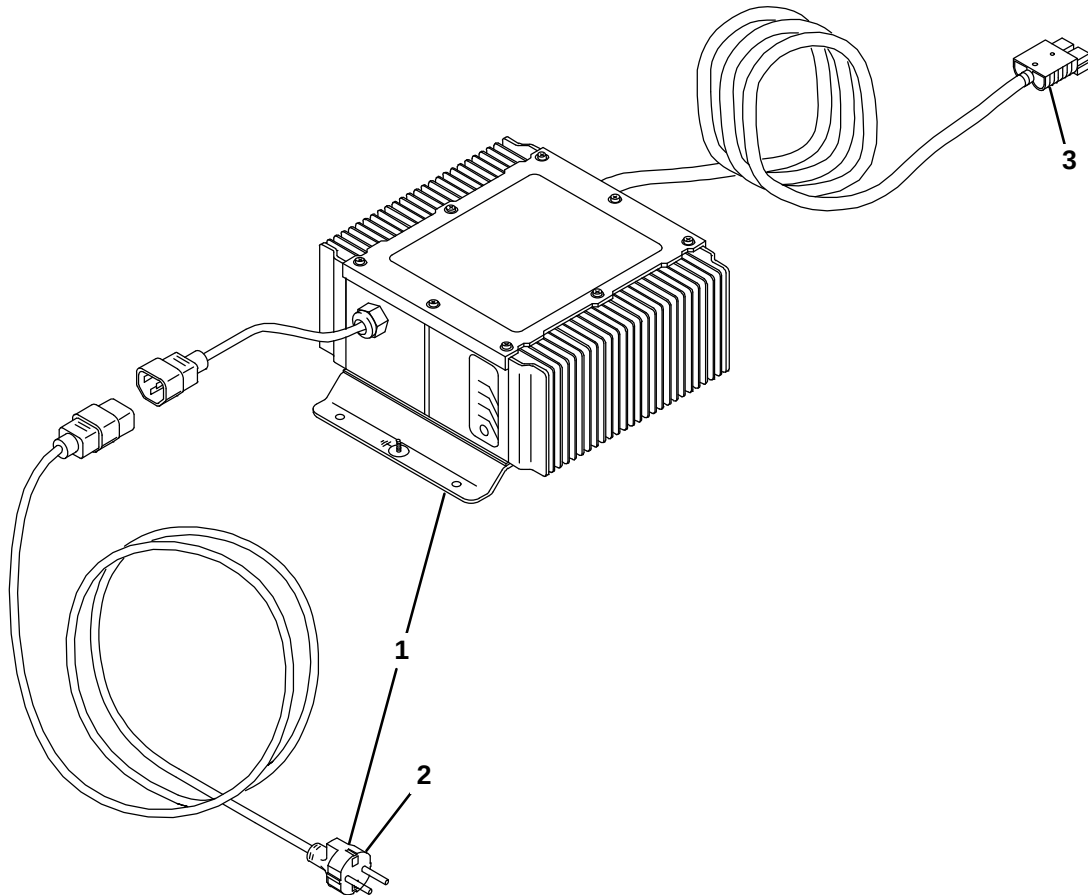
Fig. 22 – Battery Charger Group



356200

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	9020990	(10000000-19999999)	Charger Kit, Re-Prog	1
▲	2	223679	(10000000-19999999)	Connector, Battery, 6ga 50a, Gray[2cont]	1
▲	3	1017079	(10000000-19999999)	Cord, Extn, 16ga /3, 10ft [Sjt]	1
▲	4	130155	(10000000-19999999)	Connector, Battery, 6ga 50a, Grayt [2cont]	1

Fig. 23 – Battery Charger Group, International Only



356201

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	9001062	(30000000–39999999)	Charger Kit, 36vdc 021a, 1ph, Ci	1
▲	2	1019426	(30000000–39999999)	Cord, Chrgr, Ele, [Japanese]	1
▲	3	130155	(30000000–39999999)	Connector, Battery, 6ga 50a, Gray[2cont]	1
	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	9001054	(30000000–39999999)	Charger Kit, 36Vdc 21A 85–265Vac, 1Ph 45/65Hz	1
▲	2	1019242	(30000000–39999999)	Cord, Chrgr, Ele {European}	1
▲	3	130155	(30000000–39999999)	Connector, Battery, 6ga 50a, Gray[2cont]	1

Fig. 24 – Battery Charger Group

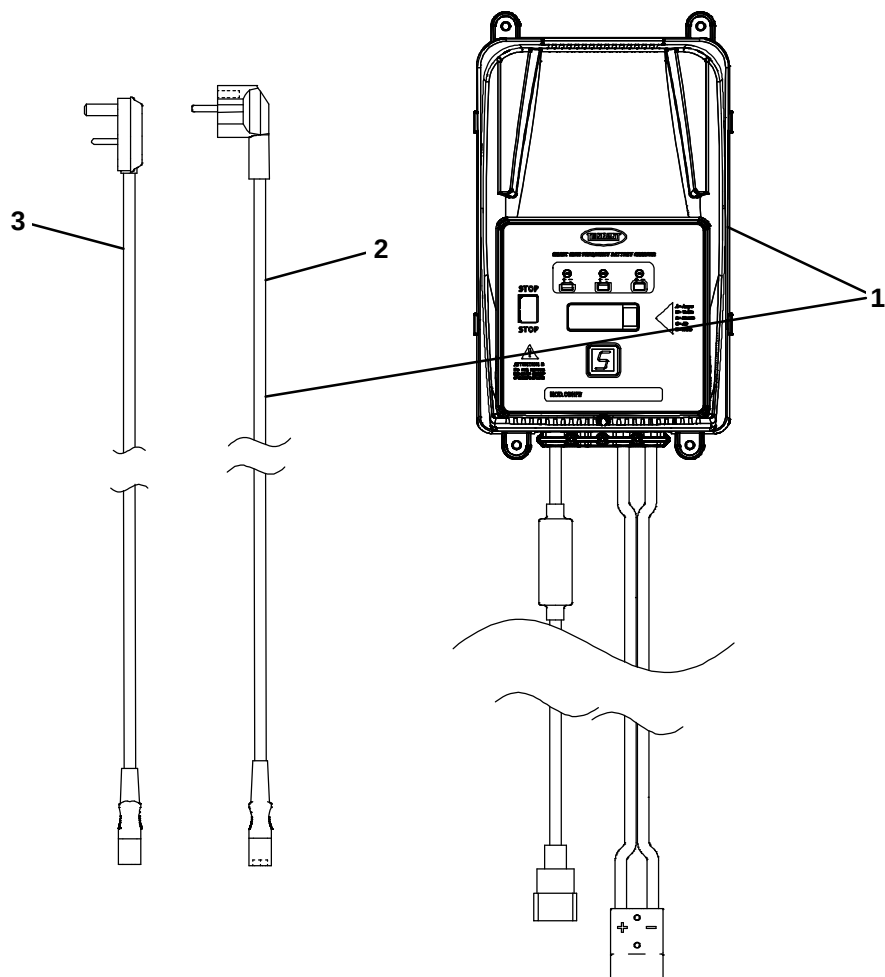


Fig. 24 – Battery Charger Group

356376

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1076685	(30000000–39999999)	Charger, 36Vdc 030A Wet Sb050G 230Vac	1
▲	2	1043746	(30000000–39999999)	Cable, Charger Eu Bc5 & 7	1
▲	3	1041716	(30000000–39999999)	Cable, Charger Uk, Bc5 & 7 (UK Only)	1

Fig. 25 – On-Board Charger Kit

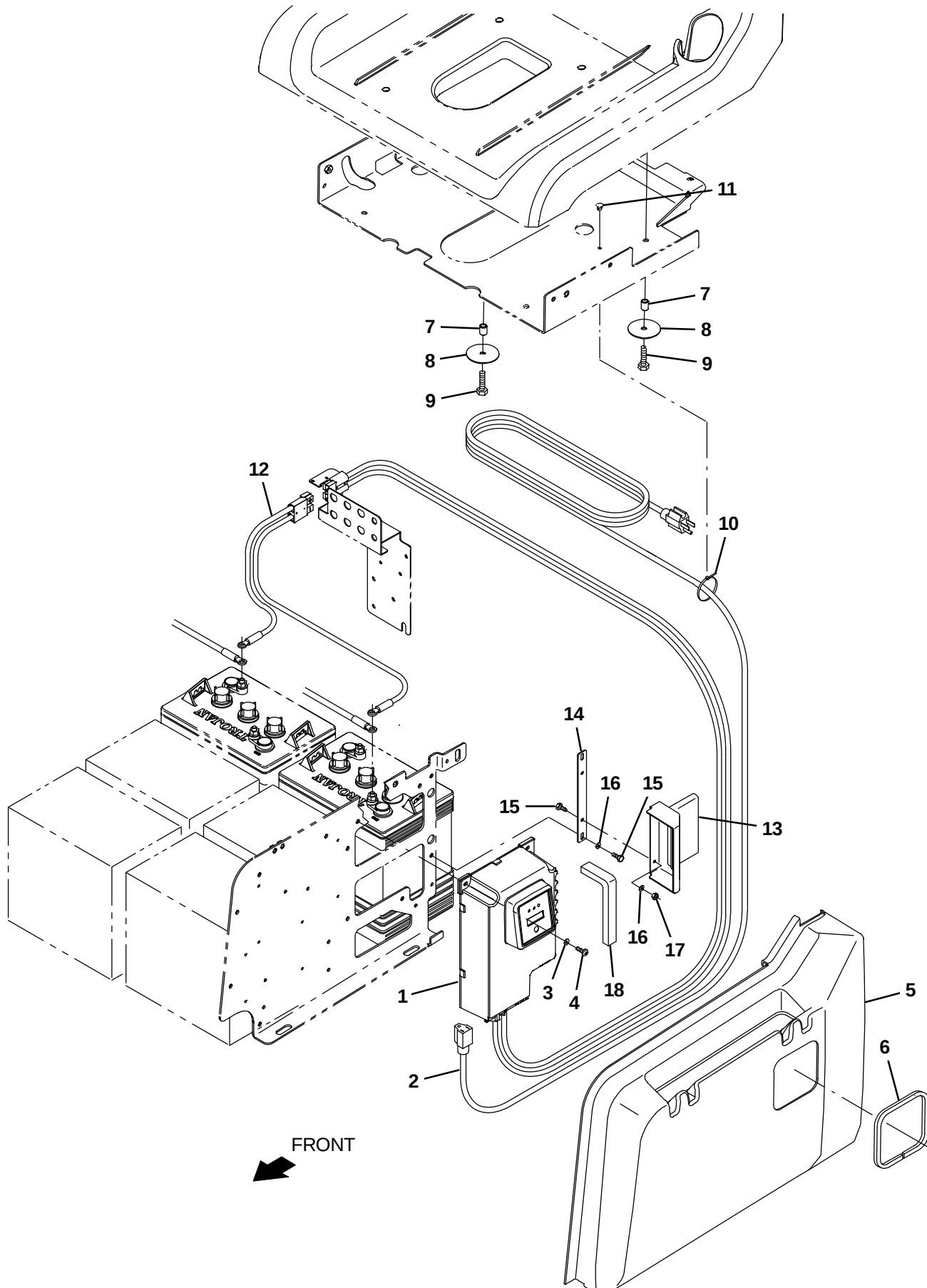


Fig. 25 – On-Board Charger Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9009866	(30000000–39999999)	Charger Kit, On-Board, Us Ci [T12]	1
▲▽	1	9022393	(30000000–39999999)	Charger, Kit, Programmable [T12/T16]	1
▲▲		1030692	(30000000–39999999)	Fuse, 15a, Replmt	1
▲	2	1073882	(30000000–39999999)	Cord, Power, 14/3, 15A, 15ft Blk [Us]	1
▲	3	140011	(30000000–39999999)	Washer, Flat, 0.21b 0.45d .03, Ss	3
▲	4	06933	(30000000–39999999)	Screw, Pan, Phl, M5 X 0.80 X 16, 4.8	3
▲	5	1201501	(30000000–39999999)	Cover, Access, Chrgr, Trimmed	1
▲	6	1020170	(30000000–39999999)	Molding, Afmkt, Trim, Pvc, .08 .11, 02ft	1
▲	7	80395	(30000000–39999999)	Sleeve, P/M, 0.32b 0.50d 0.7l [430ss]	2
▲	8	373117	(30000000–39999999)	Washer, Flat, 0.38b 2.25d .07, Stil, Pnt	2
▲	9	09011	(30000000–39999999)	Screw, Hex, M8 X 1.25 X 30, Ss	2
▲	10	763115	(30000000–39999999)	Tie, Cable, 6.0l, 1.25d Max	1
▲	11	1202868	(30000000–39999999)	Clip, Tie, 0.25d, Plstc	1
▲	12	1070508	(30000000–39999999)	Cable Assy, 6ga [6100e – Telemetry]	1
▲	13	1206036	(30000000–39999999)	Duct, Outlet, Heat	1
▲	14	1206052	(30000000–39999999)	Plate, Mtg, Heat Duct	1
▲	15	09738	(30000000–39999999)	Screw, Hex, M5 X 0.80 X 12, Ss	4
▲	16	140011	(30000000–39999999)	Washer, Flat, 0.21b 0.45d .03, Ss	4
▲	17	09739	(30000000–39999999)	Nut, Hex, Lock, M5 X 0.80, NI, Ss	2
▲	18	1206096	(30000000–39999999)	Seal, Foam, 0.50 0.75w 8.0l, Pvc, Adh	1

Fig. 26 – On-Board Charger Group, International

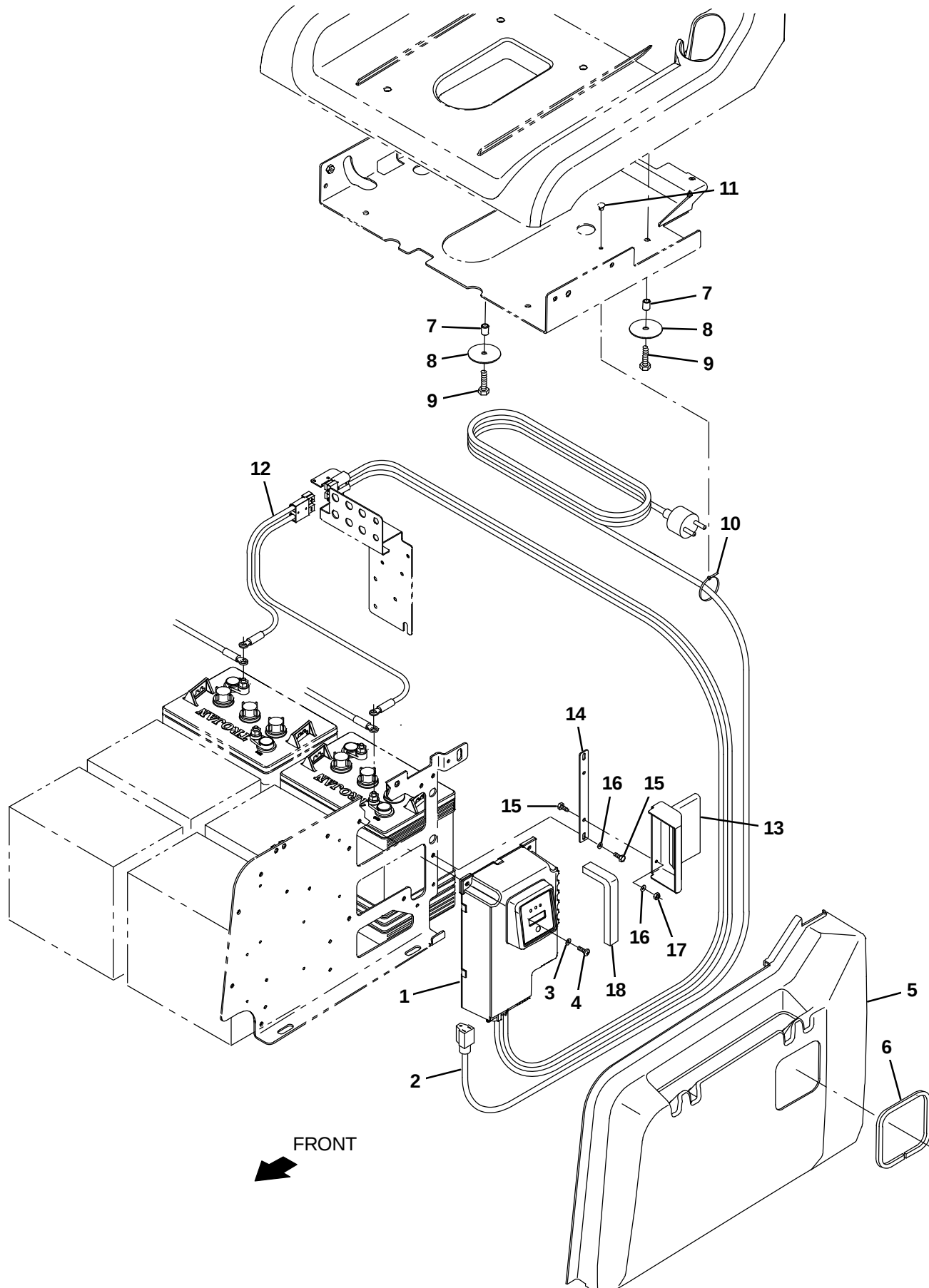
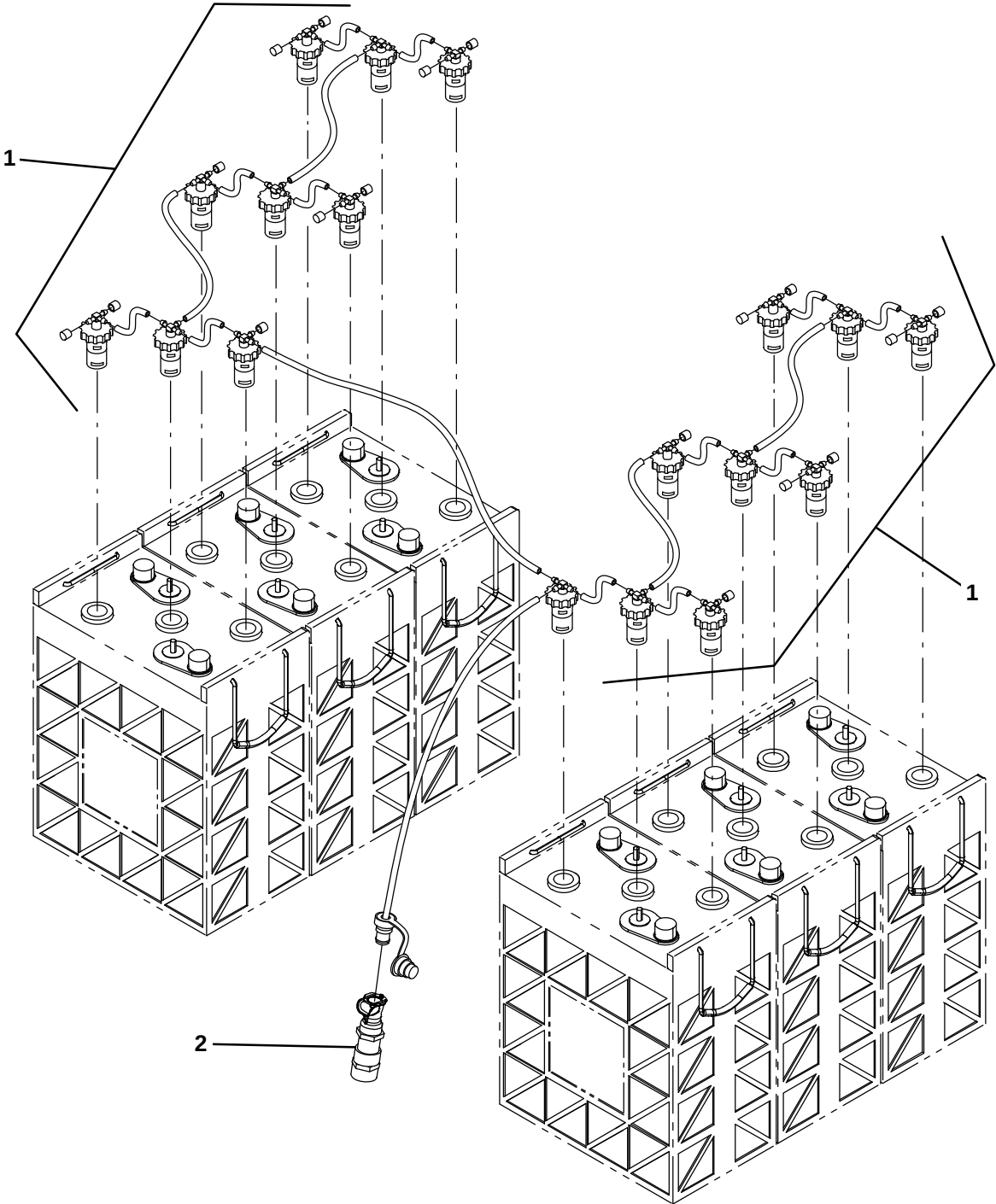


Fig. 26 – On-Board Charger Group, International

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	9022393	(30000000-39999999)	Charger, Kit, Programmable [T12/T16]	1
▲		1030692	(30000000-39999999)	Fuse, 15a, Replmt	1
	2	1019242	(30000000-39999999)	Cord, Chrgr, Ele [European]	1
	2	1026325	(30000000-39999999)	Cord, Power, 1.0mm2/3 Blk[2.5Meter, Australia]	1
	3	140011	(30000000-39999999)	Washer, Flat, 0.21b 0.45d .03, Ss	3
	4	1206096	(30000000-39999999)	Seal, Foam, 0.50 0.75w 8.0l, Pvc, Adh	1
	5	09739	(30000000-39999999)	Nut, Hex, Lock, M5 X 0.80, NI, Ss	2
	6	1020170	(30000000-39999999)	Molding, Afmkt, Trim, Pvc, .08 .11, 02ft	1
	7	80395	(30000000-39999999)	Sleeve, P/M, 0.32b 0.50d 0.7l [430ss]	2
	8	373117	(30000000-39999999)	Washer, Flat, 0.38b 2.25d .07, Stl, Pnt	2
	9	09011	(30000000-39999999)	Screw, Hex, M8 X 1.25 X 30, Ss	2
	10	763115	(30000000-39999999)	Tie, Cable, 6.0l, 1.25d Max	1
	11	1202868	(30000000-39999999)	Clip, Tie, 0.25d, Plstc	1
	12	1070508	(30000000-39999999)	Cable Assy, 6ga [6100e – Telemetry]	1
	13	1206036	(30000000-39999999)	Duct, Outlet, Heat	1
	14	1206052	(30000000-39999999)	Plate, Mtg, Heat Duct	1
	15	09738	(30000000-39999999)	Screw, Hex, M5 X 0.80 X 12, Ss	4
	16	140011	(30000000-39999999)	Washer, Flat, 0.21b 0.45d .03, Ss	4
	17	06933	(30000000-39999999)	Screw, Pan, Phl, M5 X 0.80 X 16, 4.8	3

Fig. 27 – Flow-Rite™ Battery Water Manifold Kit

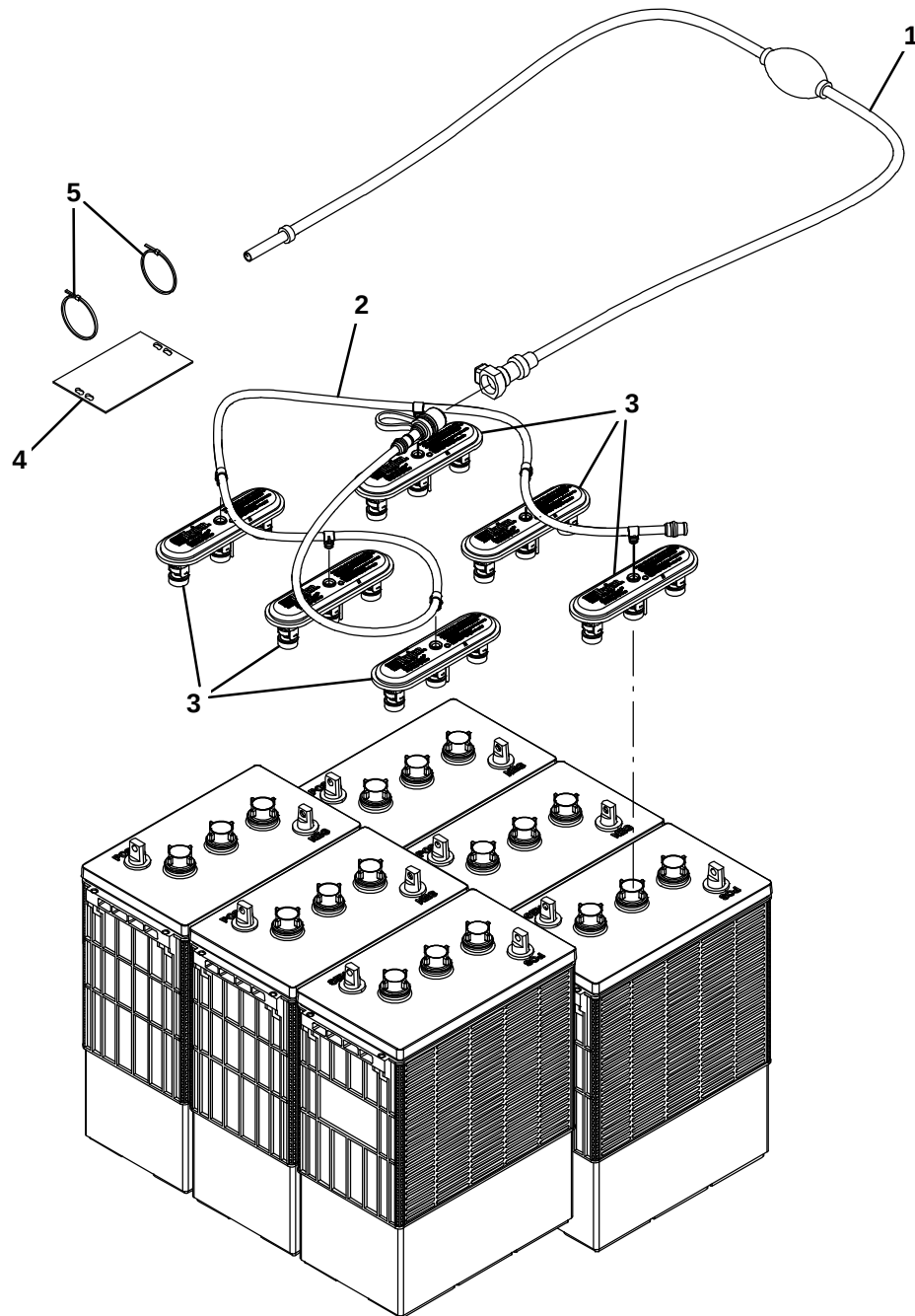


356352

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9009870	(30000000–39999999)	Manifold Kit, Sys, Water, Battery, Di (Replaced by 9045074)	1
▲	1	1060756	(30000000–39999999)	Manifold, Sys, Water, Battery	1
▲	2	1061926	(30000000–39999999)	Valve, Reg, Water	1

Flow-Rite is a registered trademark of Flow-Rite Controls

Fig. 28 – Hydrolink® Battery Watering System Kit



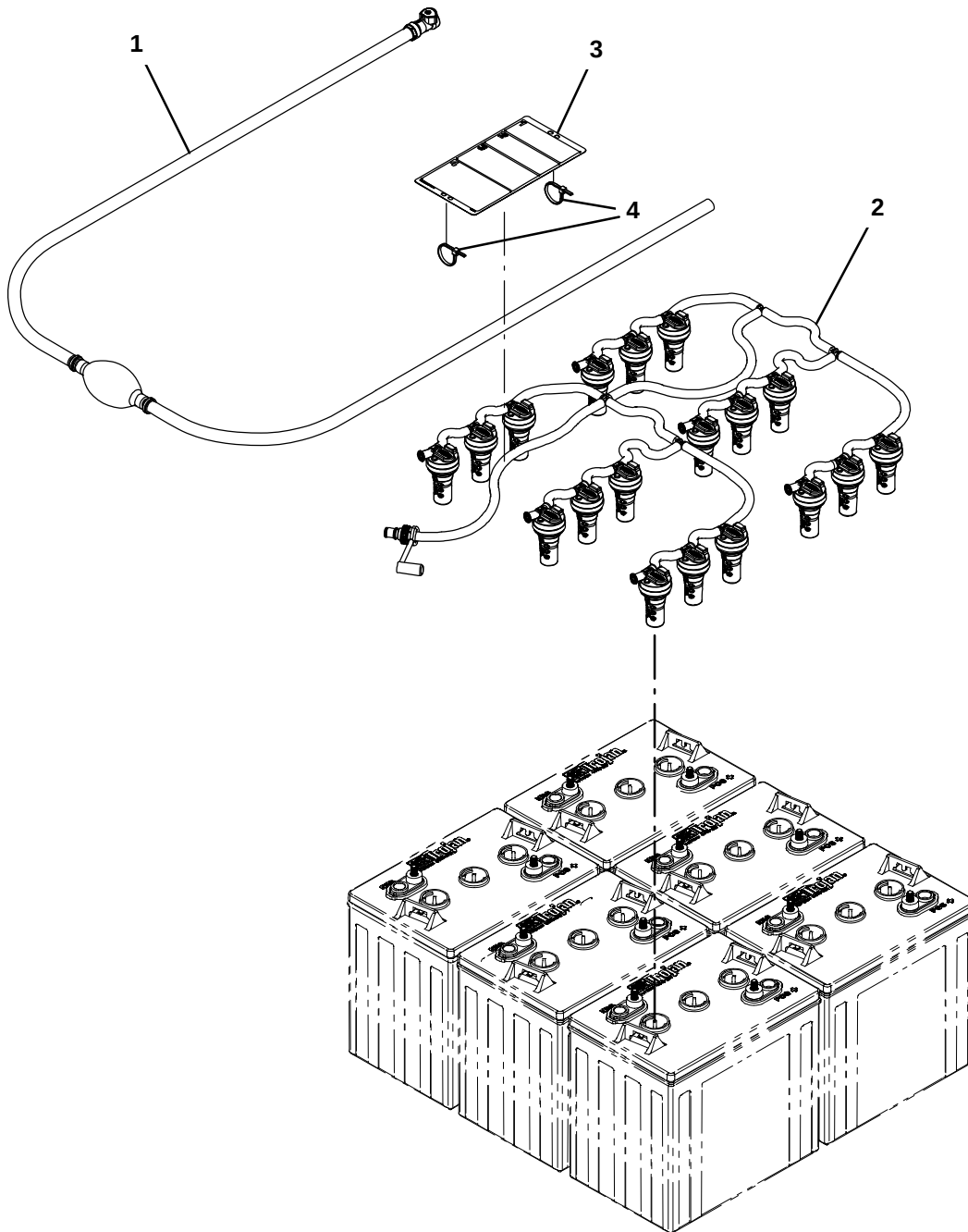
355205

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9010301*	(30000000–39999999)	Pump Kit, Fill, Battery, 36vdc, Ci[Trojan] (Replaced by 9045074)	1
▲	1	1058939	(30000000–39999999)	Pump Kit, Fill, Battery	1
▲	2	1201997	(30000000–39999999)	Tube, Water, Battery, 36vdc [Trojan]	1
▲	3	1204142	(30000000–39999999)	Cap, Fill, Battery [Trojan]	6
▲	4	1071084	(30000000–39999999)	Label, Tag, Battery [Hydrolink Watering]	1
▲	5	130773	(30000000–39999999)	Tie, Cable, Nyl, 11.0l, .14w, 3.0 Max. D	2

*This kit is intended for use with Trojan® Lead Acid Batteries Only.

Hydrolink® is a registered trademark of Trojan® Battery Company.

Fig. 29 – Manual Battery Watering System Kit

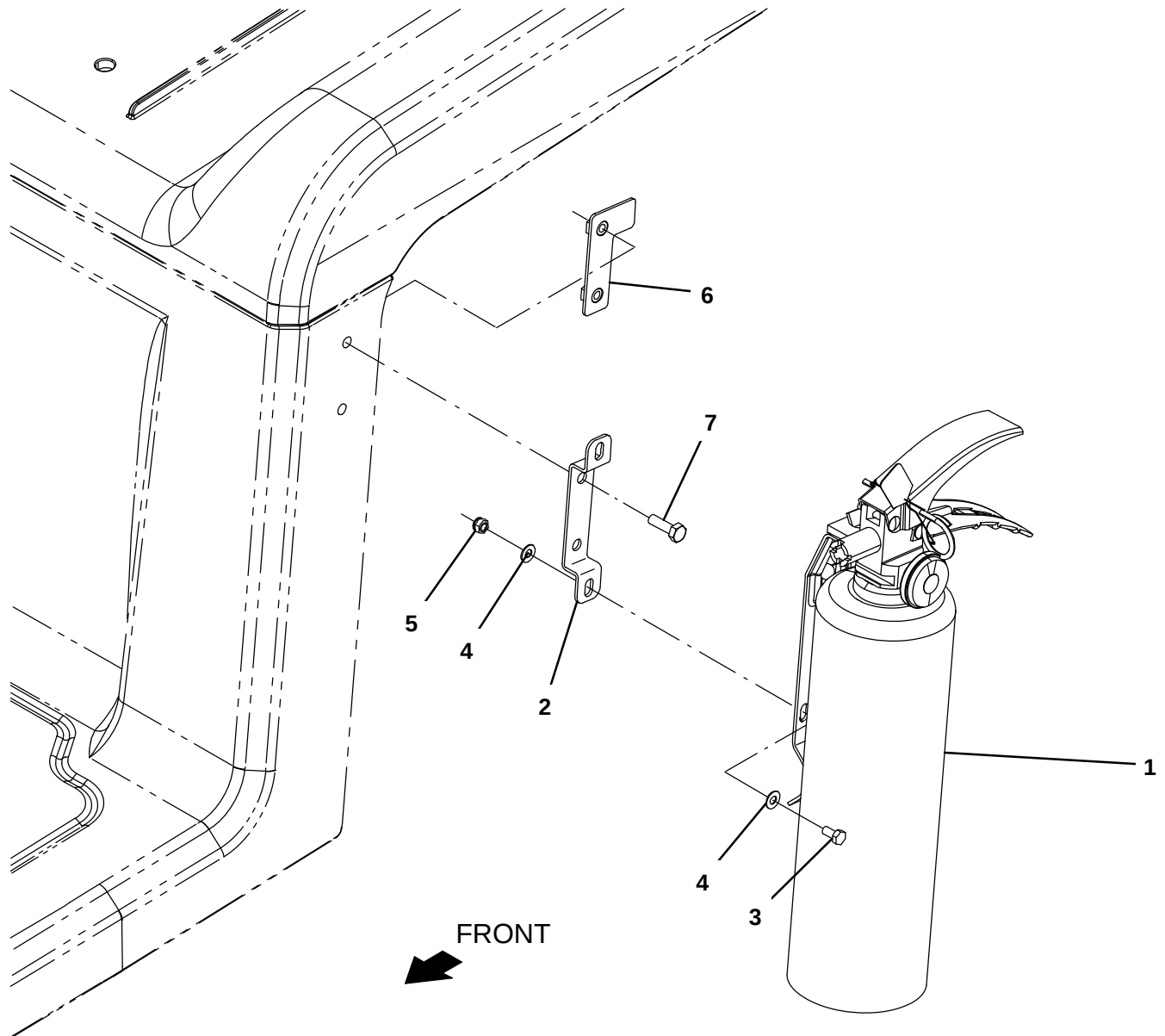


357139

Ref.	Part No.	Serial Number	Description	Qty.
▽	9045074*	(30000000–39999999)	Fill Kit, 6 Btry, Mnl, Ci [Trojan]	1
▲ 1	1236295	(30000000–39999999)	Pump, Hand, Battery	1
▲ 2	1248178	(30000000–39999999)	Distribution Assy, Water, Battery	1
▲ 3	1253250	(30000000–39999999)	Label, Tag, Battery [Bwt Watering]	1
▲ 4	130773	(30000000–39999999)	Tie, Cable, nyl, 11.0L, .14W, 3.0Max. D	2

*This kit is intended for use with Trojan® Lead Acid Batteries Only.

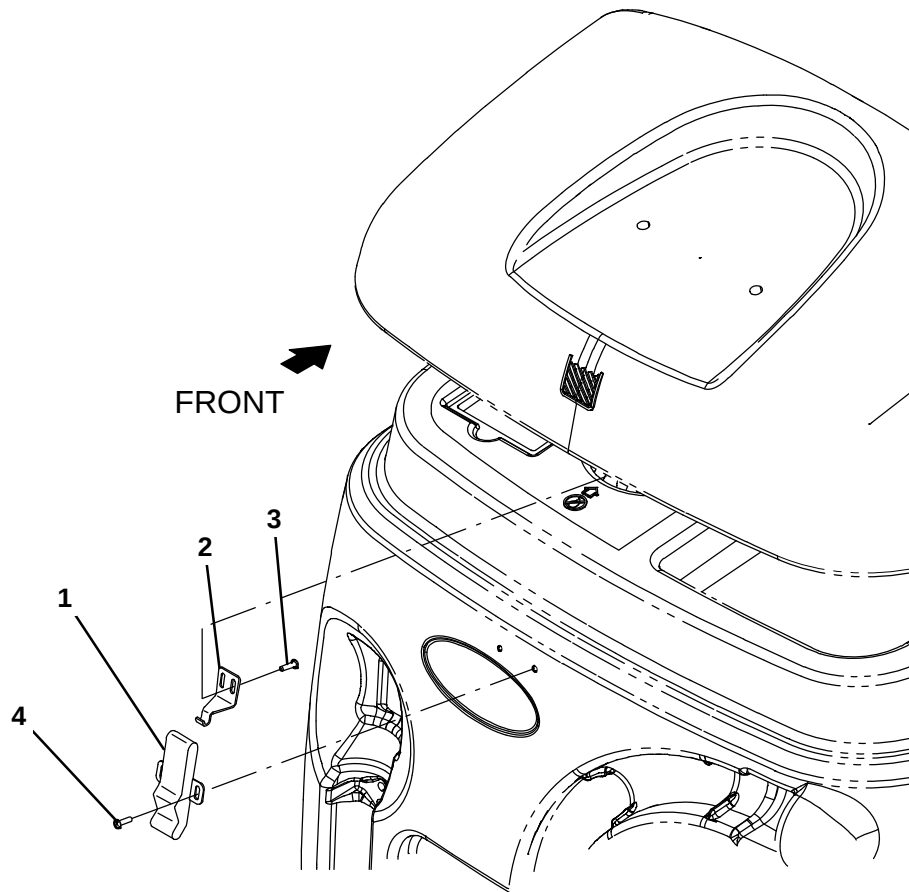
Fig. 30 – Fire Extinguisher Group



356351

Ref.	Part No.	Serial Number	Description	Qty.
1	25312	(30000000-39999999)	Extinguisher, Fire, 2.5 Lb Dry	1
2	1205877	(30000000-39999999)	Bracket, Mtg, Extinguisher	1
3	09738	(30000000-39999999)	Screw, Hex, M5 X 0.80 X 12, Ss	2
4	140011	(30000000-39999999)	Washer, Flat, 0.21b 0.45d .03, Ss	4
5	09739	(30000000-39999999)	Nut, Hex, Lock, M5 X 0.80, NI, Ss	2
6	1205889	(30000000-39999999)	Plate Wldt, Mtg, Extinguisher	1
7	08716	(30000000-39999999)	Screw, Hex, M6 X 1.00 X 20, Ss	2

Fig. 31 – Transport Group



356355

Ref.	Part No.	Serial Number	Description	Qty.
1	140932	(30000000–39999999)	Latch, Draw, Rbr, W/ Keeper, Fr/49800	1
2	1205666	(30000000–39999999)	Bracket, Catch, Latch	1
3	360973	(30000000–39999999)	Screw, Pan, 12–16 X 0.50, F/ Plstc	2
4	140825	(30000000–39999999)	Screw, Pan, Phl, 06 X 0.50, Fmg/Ab, Blk	2

Fig. 32 - Documentation Group (Available Online Only)

Ref.	Part No.	Serial Number	Description	Qty.
	9009910	(30000000- 39999999)	Manual, Oprtr [T12 Ele, En, Na]	1
	9009911	(30000000- 39999999)	Manual, Oprtr [T12 Ele, Es, Na]	1
	9009912	(30000000- 39999999)	Manual, Oprtr [T12 Ele, Fr, Na]	1
	9009913	(30000000- 39999999)	Manual, Oprtr [T12 Ele, Ptb]	1
	9009914	(30000000- 39999999)	Manual, Oprtr [T12 Ele, Jp]	1
	9009915	(30000000- 39999999)	Manual, Oprtr [T12 Ele, Cn]	1
	9009916	(10000000- 19999999)	Manual, Parts [T12 Ele, En, Na/Int] (S/N 1000000- 1999999)	1
	9012729	(30000000- 39999999)	Manual, Parts [T12 Ele, EN] (S/N 3000000- 3999999)	1
	9009917	(30000000- 39999999)	Manual, Service Info [T12 Ele, En]	1
	9009890	(30000000- 39999999)	Dvd, Operator [T12]	1
	9011140	(30000000- 39999999)	Instr, Use&Care, Wallchart [T12]	1



To view, print, order, download the latest Parts manual, other language Operator manuals, and Use and Care Guides (wall charts) visit:

www. Tennantco.com/manual

SECTION 4

Contents	Page
Fig. 1 – ec-H2O Module Assembly Breakdown, 9010933	4-2
Fig. 2 – Steering Control Breakdown, 1200203 ..	4-4
Fig. 3 – Steering Control Breakdown, 1256309	
Fig. 4 – Drive Wheel Breakdown, 1246662	4-6
Fig. 5 – Drive Wheel Breakdown, 1255933	4-7
Fig. 6 – Electric Motor Breakdown, 1053342	4-8
Fig. 7 – Accelerator and Brake Pedal Assembly Breakdown, 1200253	4-9

Fig. 1 – ec-H2O Module Assembly Breakdown, 9010933

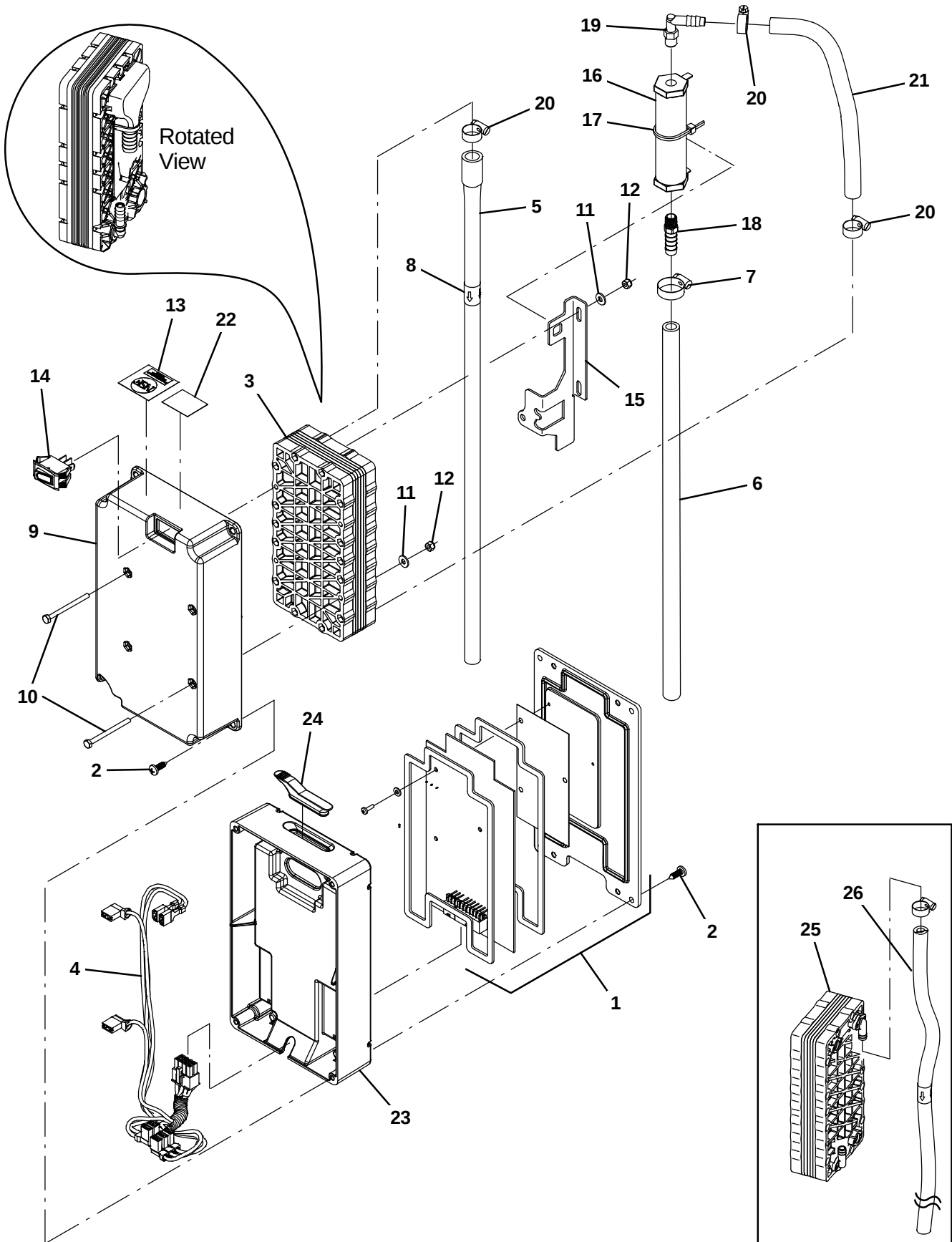
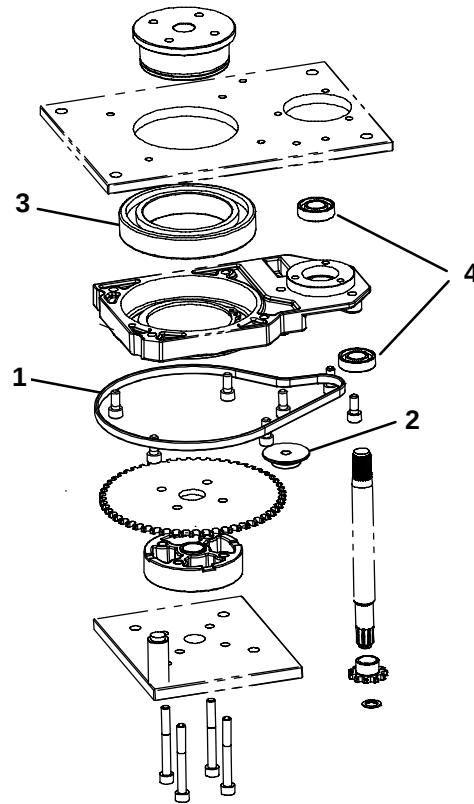


Fig. 1 – ec-H2O Module Assembly Breakdown, 9010933

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9010933	(30000000–39999999)	Ec-H2o Module Kit, Afmkt [T12]	1
▲	1	9020262	(30000000–39999999)	Circuit Board Kit, Ec-H2o, Afmkt [T12]	1
▲	2	1018155	(30000000–39999999)	Screw, Pan, Phl, M5 X 0.80 X 16, Tcut,Ss	8
▲	3	1233516	(12/2020–19999999)	Electrode, 5 Plate, [De Nora Tech]	1
▲	4	1069708	(30000000–39999999)	Harness, Ele, Ech2o [T12 Module]	1
▲	5	1243570	(12/2020–19999999)	Hose , Molded, Bm08/Bm05	1
▲	6	1014971	(30000000–39999999)	Hose, Afmkt, Pvc, Brd, 01Ft, Clr	1
▲	7	54333	(30000000–39999999)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	1
▲	8	1049637	(30000000–39999999)	Label, Direction [Ec-H2o]	1
▲	9	1051519	(30000000–39999999)	Housing, Upper, Module, High Flow	1
▲	10	32509	(30000000–39999999)	Screw, Hex, M4 X 0.70 X 50, Ss	4
▲	11	41579	(30000000–39999999)	Washer, Flat, 08, Ss	4
▲	12	33932	(30000000–39999999)	Nut, Hex, Lock, M4 X 0.70, NI, Ss	4
▲	13	1046041	(30000000–39999999)	Label, Module [Nsf, Ec-H2o]	1
▲	14	1044393	(30000000–39999999)	Switch, Rocker, Spst, Mom	1
▲	15	1048741	(30000000–39999999)	Bracket, Valve, Large	1
▲	16	1062006	(30000000–39999999)	Electrode, Cylindrical	1
▲	17	130773	(30000000–39999999)	Tie, Cable, Nyl, 11.0l, .14w, 3.0 Max. D	1
▲	18	1055552	(30000000–39999999)	Fitting, Brs, Str, Bm06/Pm02	1
▲	19	1051268	(30000000–39999999)	Fitting, Plstc, E90, Bm05/Pm02, Nyl	1
▲	20	43844	(30000000–39999999)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	3
▲	21	1014971	(30000000–39999999)	Hose, Afmkt, Pvc, Brd, 01Ft, Clr	1
▲	22	1068763	(30000000–39999999)	Label, Date Code [Ec-H2o]	1
▲	23	1037032	(30000000–39999999)	Housing, Bottom	1
▲	24	1054776	(30000000–39999999)	Grommet, Blind	1
	25	9018397	(10000000–12/2020)	Electrode Kit, 5 Plate, Hi Flow, Replmt	1
	26	9006268	(10000000–12/2020)	Hose, Pvc, Brd, 0.38id, 01Ft, Clr	1

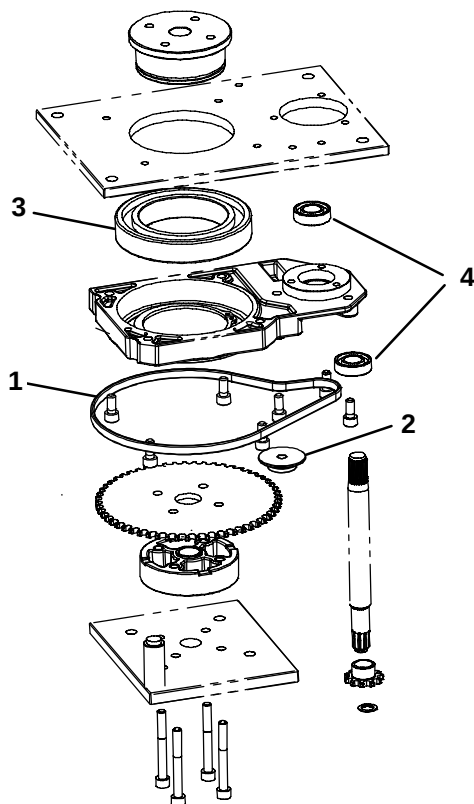
Fig. 2 – Steering Control Breakdown, 1200203



356361

Ref.	Part No.	Serial Number	Description	Qty.
▽	1200203	(30000000-12/2021	) Steer-Control Assy, Wheel Drive	1
▲	1 9011049	(30000000-12/2021	) Chain, Steering W/Link	1
▲	2 9011051	(30000000-12/2021	) Pulley, Tension	1
▲	3 372874	(30000000-12/2021	) Bearing, Steering	1
▲	4 9008719	(30000000-12/2021	) Bearing [6003 2RS]	2

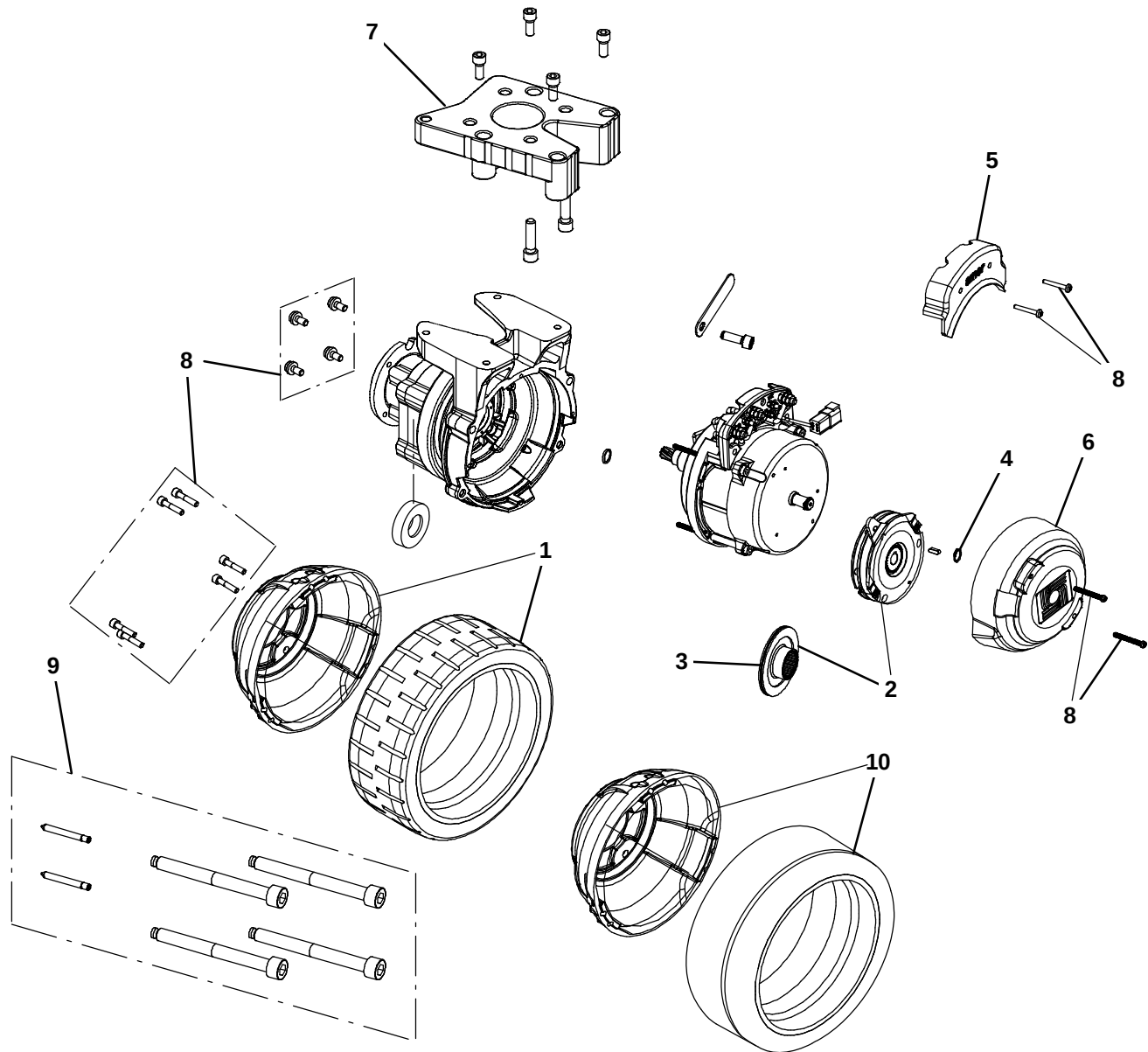
Fig. 3 – Steering Control Breakdown, 1256309



356361

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1256309	(12/2021-39999999	) Steer-Control Assy, Wheel Drive	1
▲	1	9011049	(12/2021-39999999	) Chain, Steering W/Link	1
▲	2	9011051	(12/2021-39999999	) Pulley, Tension	1
▲	3	372874	(12/2021-39999999	) Bearing, Steering	1
▲	4	9008719	(12/2021-39999999	) Bearing [6003 2RS]	2

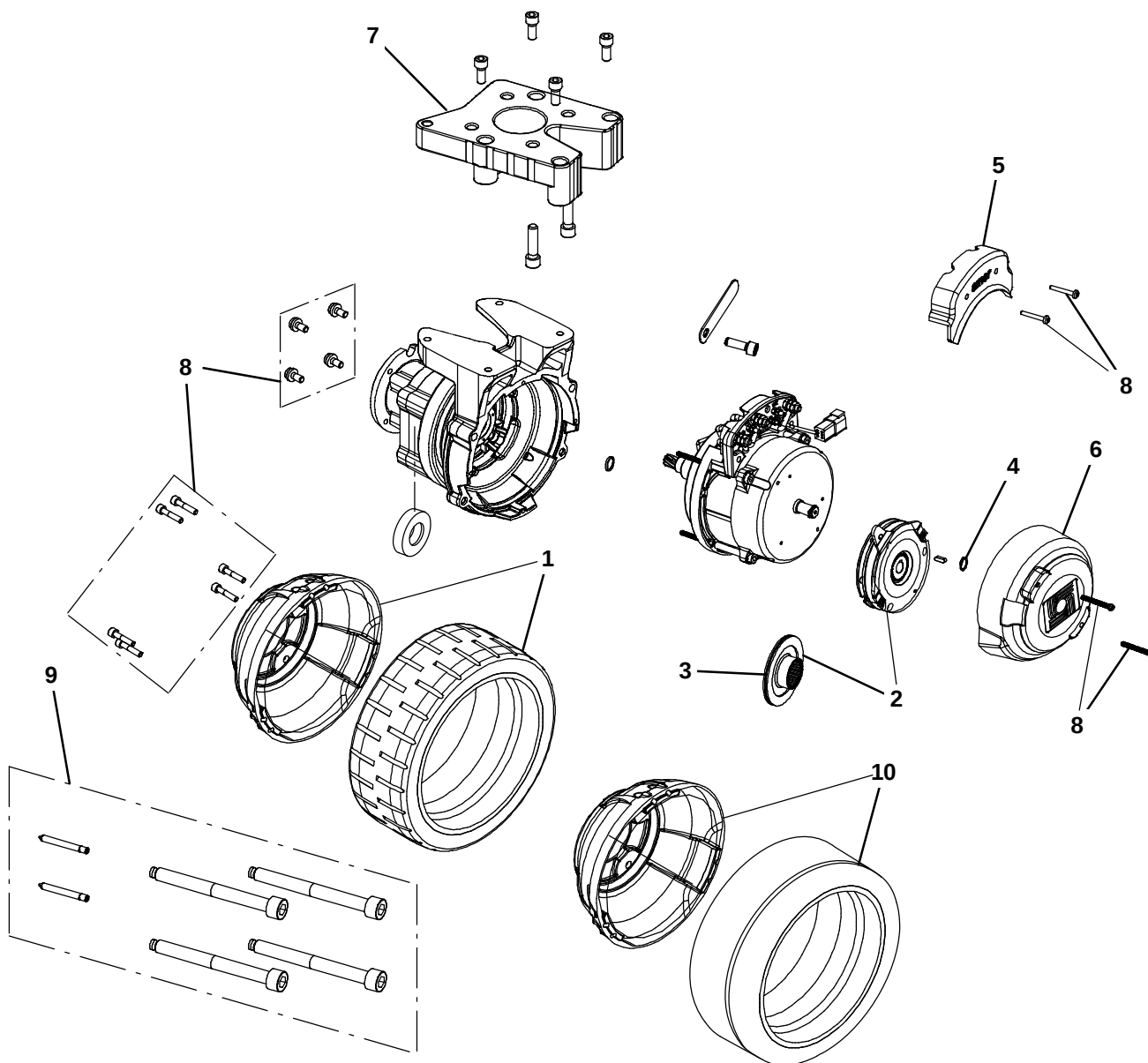
Fig. 4 – Drive Wheel Breakdown, 1246662



356940

Ref.	Part No.	Serial Number	Description	Qty.
▽	1246662	(30000000-12/2021	) Wheel, Drive, Ac	1
▲	1 9020686	(30000000-12/2021	) Wheel And Hub Kit, Red [T12]	1
▲▽	2 9020688	(30000000-12/2021	) Brake Kit, Complt [T12/T16]	1
▲▲	3 9020689	(30000000-12/2021	) Brake Kit, Rotor [T12/T16]	1
▲	4 9008556	(30000000-12/2021	) Ring, Retaining F/1055257	1
▲	5 9008550	(30000000-12/2021	) Cover, Box, Connector	1
▲	6 9013901	(30000000-12/2021	) Cover, Motor, Drive	1
▲	7 9008552	(30000000-12/2021	) Spacer, Alm	1
▲	8 9020658	(30000000-12/2021	) Screw Kit	1
▲	9 9008544	(30000000-12/2021	) Tire Kit, Puller	1
	10 9020685	(30000000-12/2021	) Wheel And Hub Kit, Blue [T12]	1

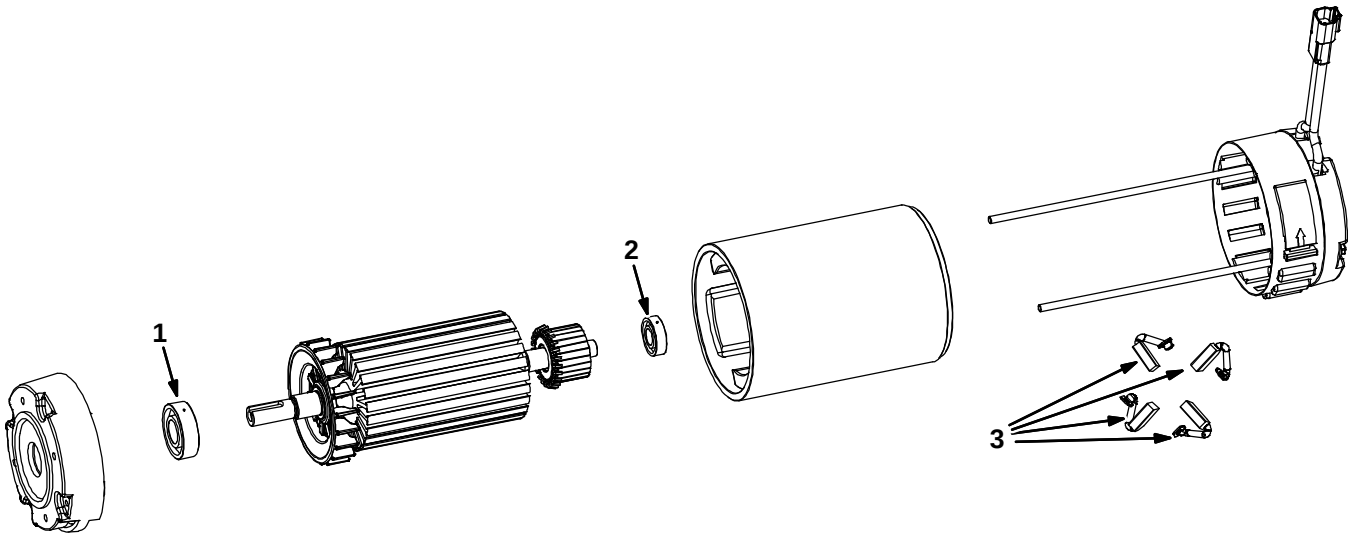
Fig. 5 – Drive Wheel Breakdown, 1255933



356940

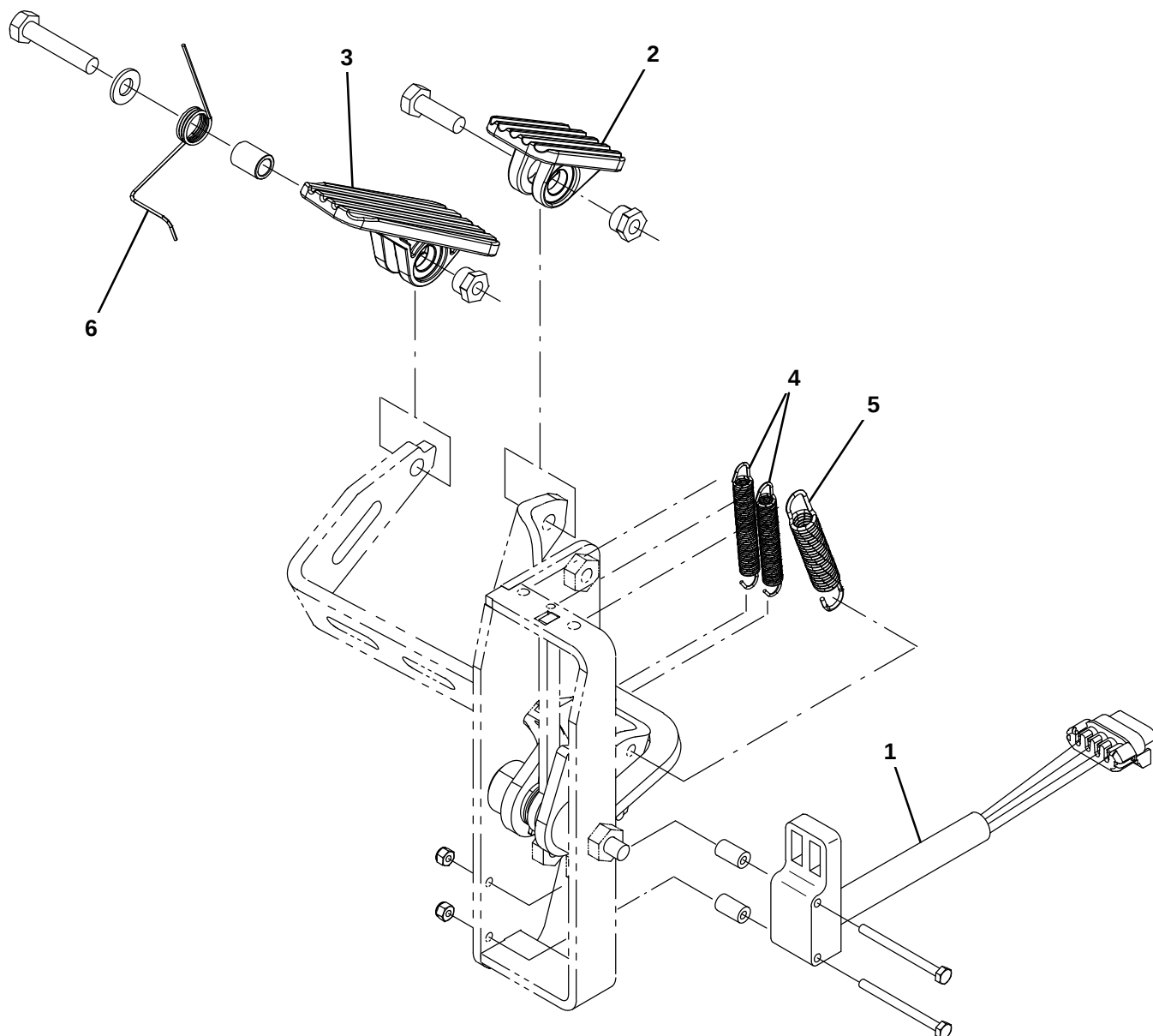
Ref.	Part No.	Serial Number	Description	Qty.
▽	1255933	(12/2021-39999999	) Wheel, Drive, Ac	1
▲	1	9020686	(12/2021-39999999) Wheel And Hub Kit, Red [T12]	1
▲▽	2	9020688	(12/2021-39999999) Brake Kit, Complt [T12/T16]	1
▲▲	3	9020689	(12/2021-39999999) Brake Kit, Rotor [T12/T16]	1
▲	4	9008556	(12/2021-39999999) Ring, Retaining F/1055257	1
▲	5	9008550	(12/2021-39999999) Cover, Box, Connector	1
▲	6	9013901	(12/2021-39999999) Cover, Motor, Drive	1
▲	7	9008552	(12/2021-39999999) Spacer, Alm	1
▲	8	9020658	(12/2021-39999999) Screw Kit	1
▲	9	9008544	(12/2021-39999999) Tire Kit, Puller	1
	10	9020685	(12/2021-39999999) Wheel And Hub Kit, Blue [T12]	1

Fig. 6 – Electric Motor Breakdown, 1053342



Ref.	Part No.	Serial Number	Description	Qty.
▽	1053342	(30000000–39999999)	Motor, ele, 36Vdc 1750rpm 1.00hp 22.0a	1
▲ 1	9013931	(30000000–39999999)	Bearing, Motor, Ele	2
▲ 2	9013934	(30000000–39999999)	Bearing, Motor, Ele	2
▲ 3	9011916	(30000000–39999999)	Brush Kit, Motor	1

Fig. 7 – Accelerator and Brake Pedal Assembly Breakdown, 1200253



356189

Ref.	Part No.	Serial Number	Description	Qty.
▽	1200253	(30000000–39999999)	Pedal Assy, Accelerator, Brake	1
▲	1 1058687	(30000000–39999999)	Sensor, Position [Hall]	1
▲	2 1014548	(30000000–39999999)	Pedal, Brake, W/ Tread	1
▲	3 1051836	(30000000–39999999)	Pedal, Propel, W/ Tread	1
▲	4 1061049	(30000000–39999999)	Spring, Extn, 0.35od 0.05wir 02.8l	2
▲	5 1031716	(30000000–39999999)	Spring, Extn, 0.50od 0.07wir 03.0l	1
▲	6 1064665	(30000000–39999999)	Spring, Tors, 0.55id .05wir 04.0coil	1

