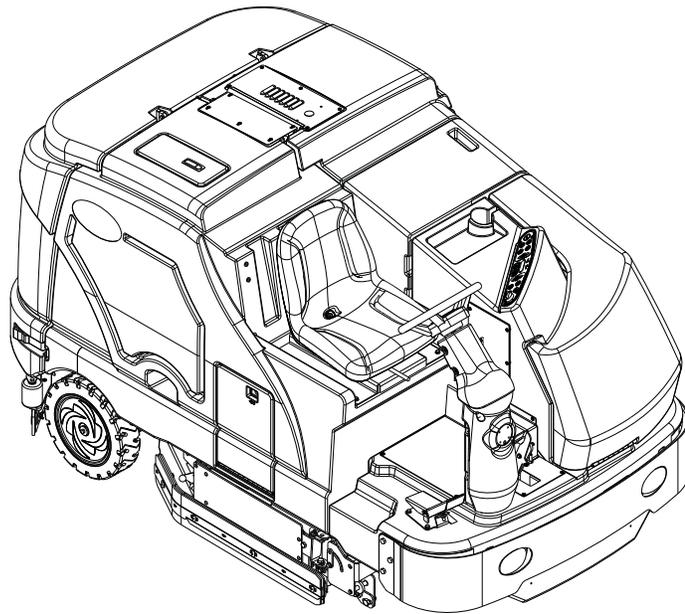




3/13 revised 7/13  
FORM NO. 56042607

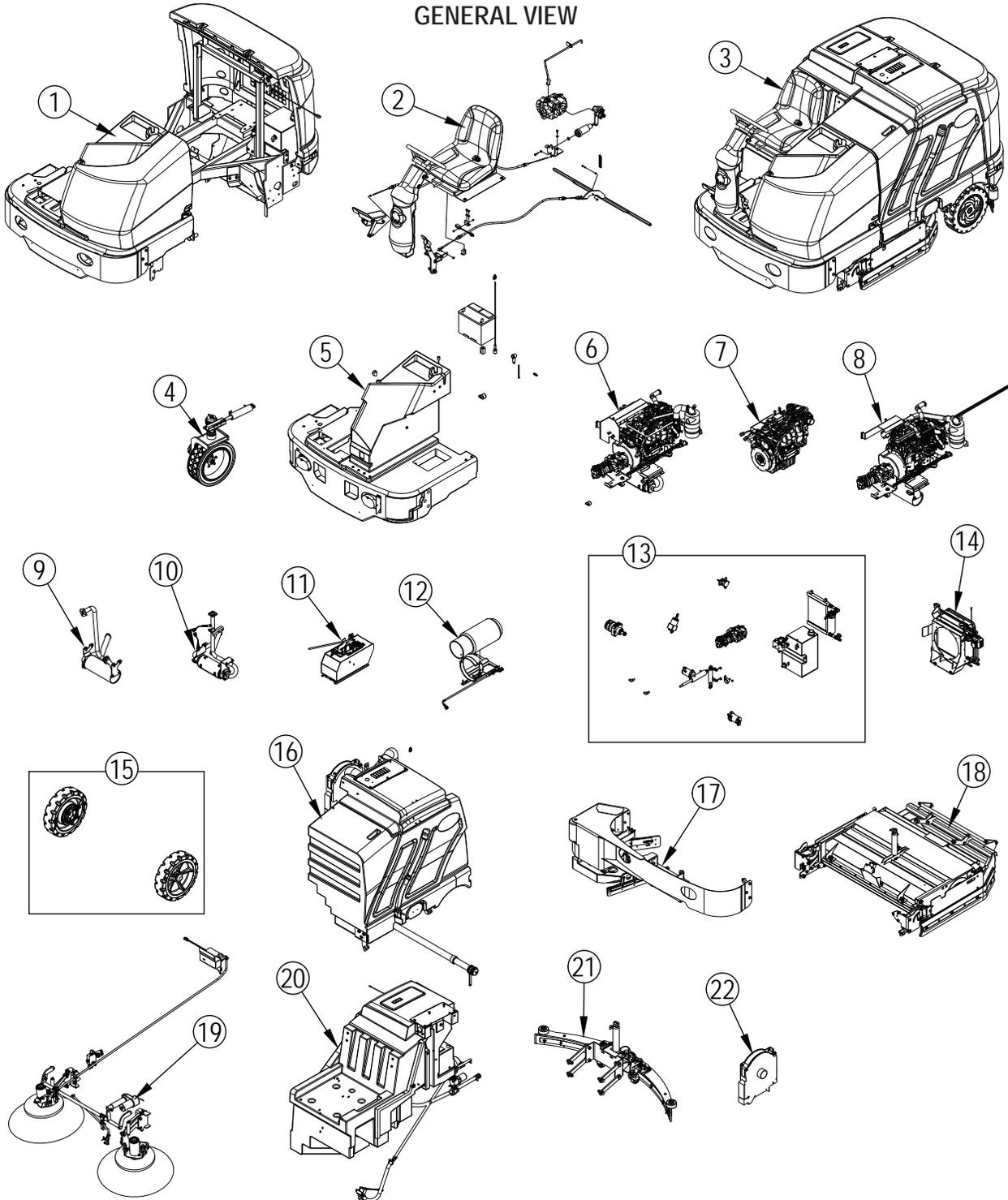


Models: 56108124(1300 LPG), 56108125(1300 D)  
56108126(1600 LPG), 56108127(1600 D)

## SC8000 PARTS LIST



GENERAL VIEW



| Item | Ref. No. | Qty | Description                   | Item | Ref. No. | Qty | Description              |
|------|----------|-----|-------------------------------|------|----------|-----|--------------------------|
| 1    |          | 1   | Chassis System                | 12   |          | 1   | Fuel Tank Assy - LPG     |
| 2    |          | 1   | Control System                | 13   |          | 1   | Hydraulic System         |
| 3    |          | 1   | Decal System                  | 14   |          | 1   | Radiator Assy            |
| 4    |          | 1   | Drive Wheel System            | 15   |          | 1   | Rear Wheel System        |
| 5    |          | 1   | Electrical System             | 16   |          | 1   | Recovery System          |
| 6    |          | 1   | Engine Assy - LPG             | 17   |          | 1   | Right Scrub System       |
| 7    |          | 1   | Engine Base Assy - LPG        | 18   |          | 1   | Scrub System             |
| 8    |          | 1   | Engine Assy - Diesel          | 19   |          | 1   | Side Broom System - Dual |
| 9    |          | 1   | Exhaust Muffler Assy - Diesel | 20   |          | 1   | Solution System          |
| 10   |          | 1   | Exhaust Catalyst Assy - LPG   | 21   |          | 1   | Squeegee System          |
| 11   |          | 1   | Fuel Tank Assy - Diesel       | 22   |          | 1   | Vac Fan Assy             |

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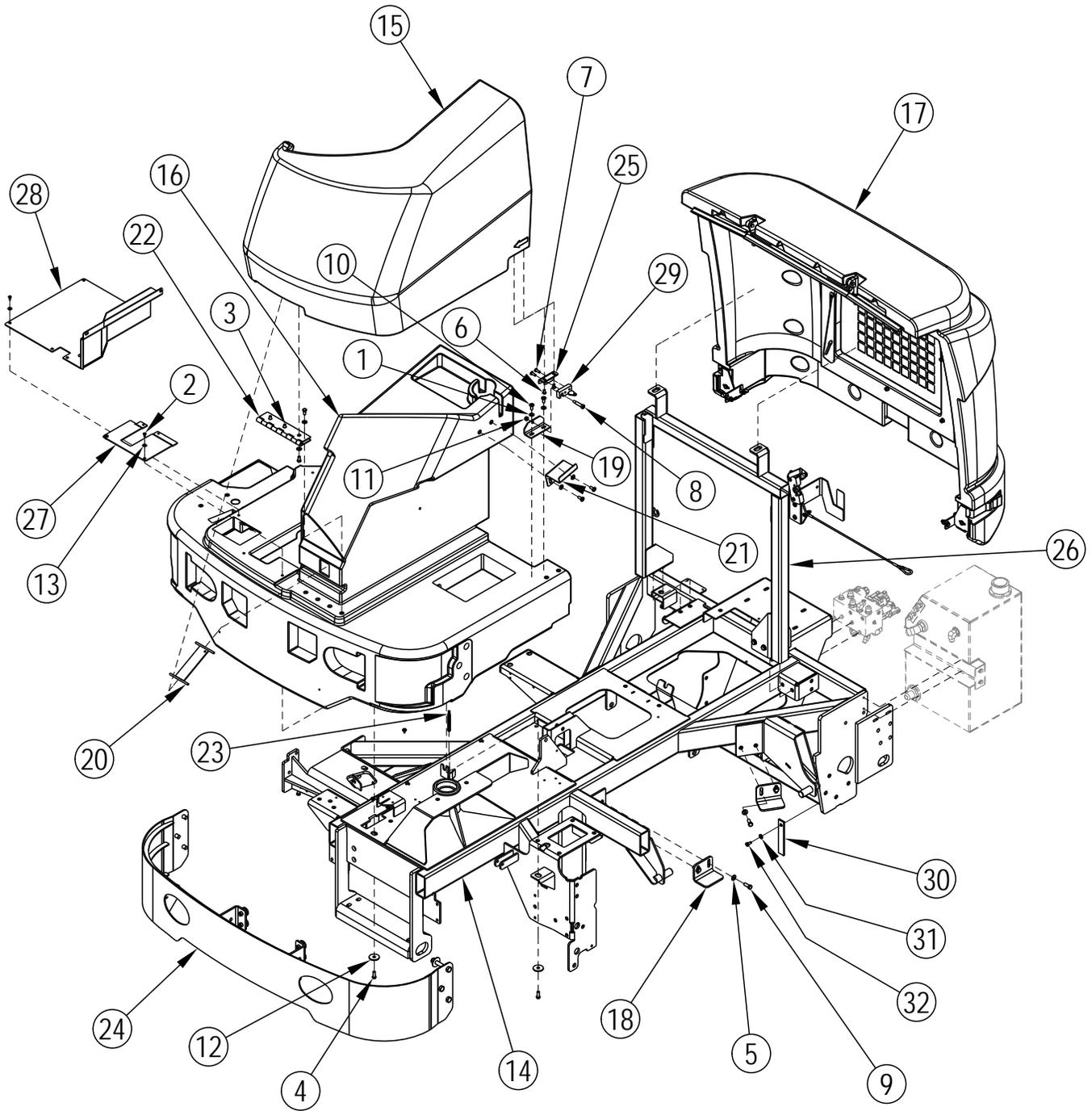
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**WHEN ORDERING PARTS**

- \* Use the numbers from the "Ref. No." columns in this parts list.
- \* Specify the model and serial number of the machine.
- \* Use the space below to record the model and serial number for future reference.

Model \_\_\_\_\_ Serial No. \_\_\_\_\_

CHASSIS SYSTEM - 1

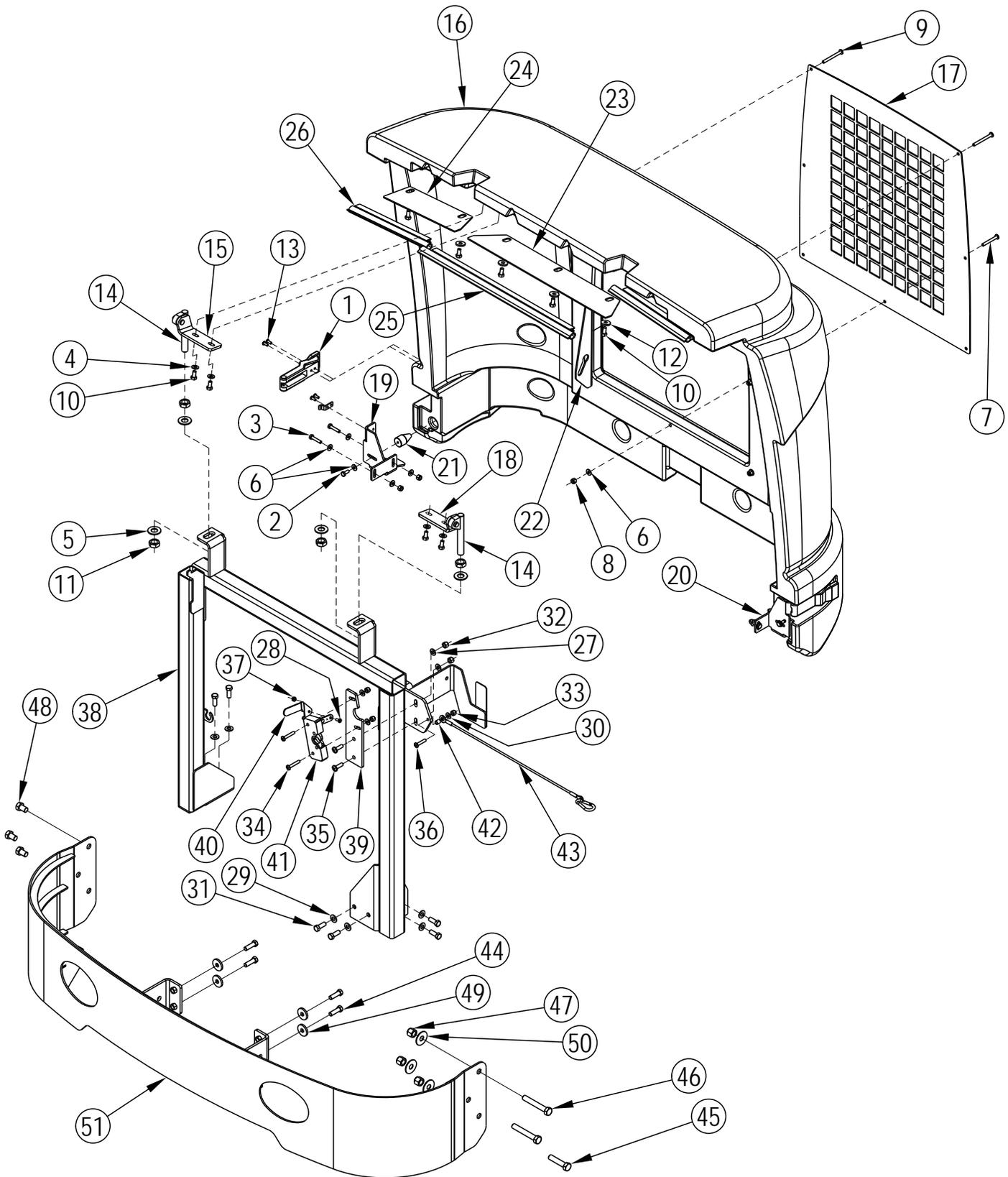


## CHASSIS SYSTEM - 1

| Item | Ref. No. | Qty | Description                                   |
|------|----------|-----|---|
| 1    | 56001939 | 11  | Wsh, Flt SAE 5/16                             |
| 2    | 56001993 | 8   | Scr, Pan Phil 10-24 x .50                     |
| 3    | 56002035 | 7   | Scr, Hex 5/16-18 x .62                        |
| 4    | 56002037 | 3   | Scr, Hex 5/16-18 x .88                        |
| 5    | 56002063 | 4   | Wsh, Flt SAE 3/8                              |
| 6    | 56002145 | 2   | Scr, Pan Phil 1/4-20 x .50                    |
| 7    | 56002507 | 2   | Scr, Pan Phil 1/4-20 x .75                    |
| 8    | 56002624 | 1   | Scr, Soc Shd .38 x 1.25 x 5/16-18             |
| 9    | 56002663 | 4   | Scr, Hex 3/8-16 x 1.00                        |
| 10   | 56002793 | 4   | Scr, Pan Phil 5/16-18 x .75                   |
| 11   | 56002826 | 1   | Nut, Hex Nyl Loc-Thin 5/16-18                 |
| 12   | 56009242 | 3   | Wsh, Flt .406 x 1.500 x .125                  |
| 13   | 56009267 | 8   | Wsh, Flt .202 x .562 x .040                   |
| 14   | NA       | 1   | Chassis Weldment                              |
| 15   | 56110416 | 1   | Hood, Front (Diesel models only)              |
| [ ]  | 56111654 | 1   | Hood, Assy, Propane, Euro (LPG model only)    |
| 16   | 56110421 | 1   | Floor Tank, Front                             |
| 17   | 56110442 | 1   | Cover Assembly, Rear (see Chassis System - 2) |
| 18   | 56511149 | 2   | Bracket Tank Stop                             |
| 19   | 56110640 | 1   | Plate, Pin Support                            |
| 20   | 56110644 | 1   | Hood Strap Weldment                           |
| 21   | 56110724 | 1   | Support, Propane Cover                        |
| 22   | 56110726 | 1   | Hinge, Cover                                  |
| 23   | 56110734 | 1   | Trim-Seal                                     |
| 24   | 56110900 | 1   | Heavy Bumper Assy (see Chassis System - 2)    |
| 25   | 56110909 | 1   | Plate, Latch Mount                            |
| 26   | 56111128 | 1   | Cover Support Assy (see Chassis System - 2)   |
| 27   | 56111944 | 1   | Floor Plate Weldt                             |
| 28   | 56111945 | 1   | Floor Weldt                                   |
| 29   | 56413802 | 1   | Latch, Rh                                     |
| 30   | 56109633 | 1   | Strap, Static, 6"                             |
| 31   | 56002098 | 1   | Wsh, Flt SAE 1/4                              |
| 32   | 56009250 | 1   | Scr, Hex Thd Form 1/4-20 x .62                |

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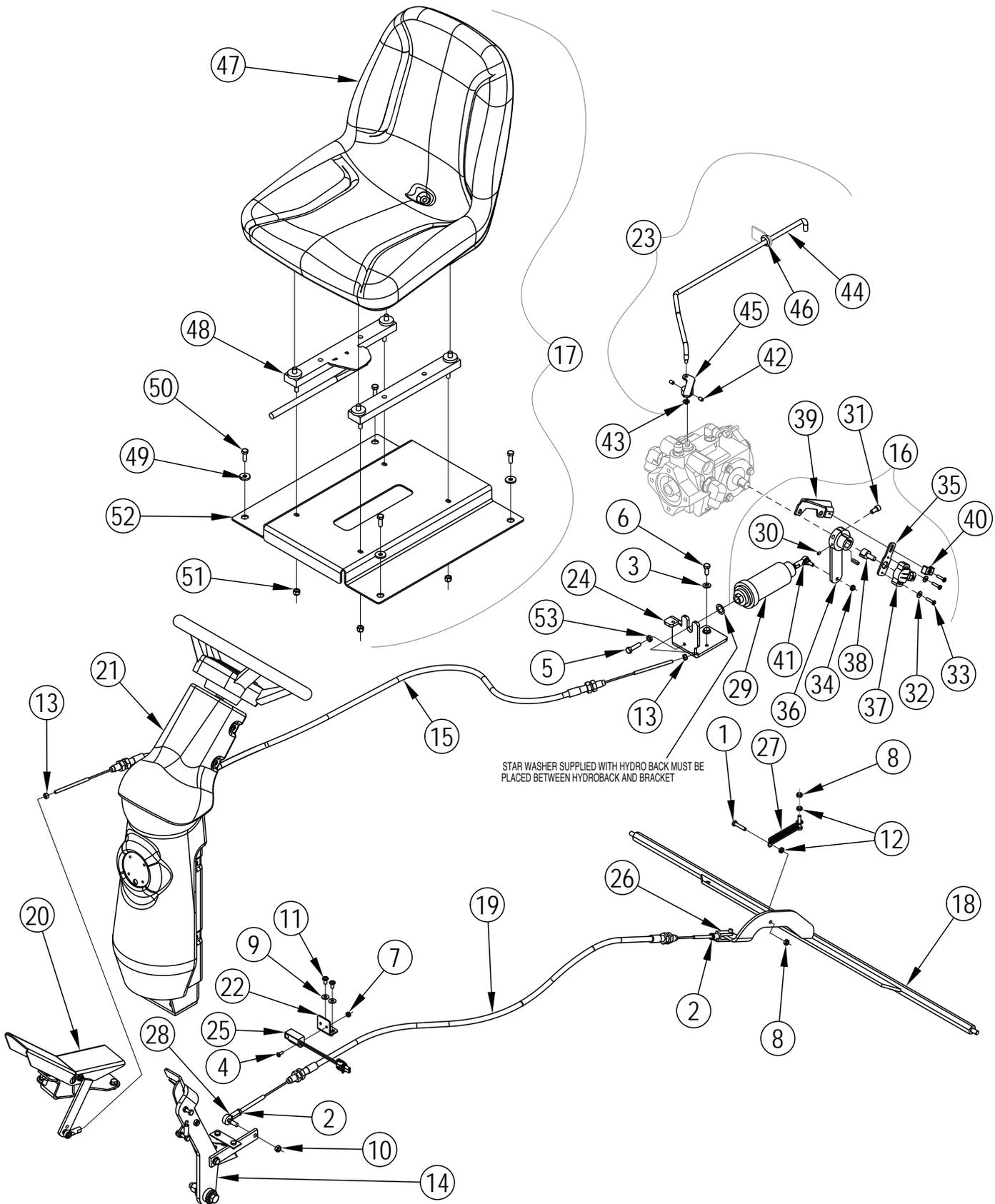
CHASSIS SYSTEM - 2



## CHASSIS SYSTEM - 2

| Item | Ref. No. | Qty | Description                          | Item | Ref. No. | Qty | Description                         |
|------|----------|-----|--------------------------------------|------|----------|-----|-------------------------------------|
|      | 56110442 | 1   | Cover Assembly, Rear (items 1-26)    |      |          |     |                                     |
| 1    | 56462746 | 2   | Latch                                |      | 56110900 | 1   | Heavy Bumper Assembly (items 44-51) |
| 2    | 56001836 | 2   | Scr, Hex 1/4-20 X .62                | 44   | 56001858 | 4   | Scr, Hex 3/8-16 X 1.25              |
| 3    | 56001878 | 4   | Scr, Hex 1/4-20 X 1.25               | 45   | 56001920 | 1   | Scr, Hex 1/2-13 X 2.25              |
| 4    | 56001939 | 4   | Wsh, Flt SAE 5/16                    | 46   | 56002116 | 2   | Scr, Hex 1/2-13 X 3.25              |
| 5    | 56002022 | 4   | Wsh, Flt SAE 5/8                     | 47   | 56002770 | 3   | Nut, Hex Nyl Loc 1/2-13             |
| 6    | 56002098 | 17  | Wsh, Flt SAE 1/4                     | 48   | 56003032 | 3   | Scr, Hex Hd Loc 1/2-13x.75          |
| 7    | 56002108 | 5   | Scr, Pan Phil 1/4-20 X 2.00          | 49   | 56009195 | 4   | Wsh, Flt .406 X 1.25 X .164         |
| 8    | 56002708 | 11  | Nut, Hex Nyl Loc 1/4-20              | 50   | 56009216 | 3   | Wsh, Flt .531x1.5x.075              |
| 9    | 56002788 | 2   | Scr, Pan Phil 1/4-20 X 2.25          | 51   | 56111941 | 1   | Heavy Bumper Weldment               |
| 10   | 56002929 | 11  | Scr, Hex Hd Loc 5/16-18x.62          |      |          |     |                                     |
| 11   | 56009099 | 4   | Nut, Hex Jam 5/8-18                  |      |          |     |                                     |
| 12   | 56009122 | 7   | Wsh, Flt .344 X .938 X .125          |      |          |     |                                     |
| 13   | 56009153 | 8   | Scr, Pan Phil Loc 10-24 X .50        |      |          |     |                                     |
| 14   | 56110357 | 2   | Hinge Weldment                       |      |          |     |                                     |
| 15   | 56110363 | 1   | Hinge Weldt.-Rt                      |      |          |     |                                     |
| 16   | 56110435 | 1   | Cover, Rear                          |      |          |     |                                     |
| 17   | 56111942 | 1   | Grille, Rear                         |      |          |     |                                     |
| 18   | 56110495 | 1   | Hinge Weldt-Lt                       |      |          |     |                                     |
| 19   | 56110764 | 1   | Support, Rear Cover, Right           |      |          |     |                                     |
| 20   | 56110765 | 1   | Support, Rear Cover, Left            |      |          |     |                                     |
| 21   | 56110766 | 2   | Pin, Tapered                         |      |          |     |                                     |
| 22   | 56111943 | 1   | Bracket                              |      |          |     |                                     |
| 23   | 56110979 | 1   | Plate, Seal Mounting, Center         |      |          |     |                                     |
| 24   | 56110980 | 2   | Plate, Seal Mount, Side              |      |          |     |                                     |
| 25   | 56110987 | 1   | Gasket, Cover, Center                |      |          |     |                                     |
| 26   | 56110988 | 2   | Gasket, Cover, Side                  |      |          |     |                                     |
|      | 56111128 | 1   | Cover Support Assembly (items 27-43) |      |          |     |                                     |
| 27   | 56001939 | 2   | Wsh, Flt Sae 5/16                    |      |          |     |                                     |
| 28   | 56001993 | 1   | Scr, Pan Phil 10-24 X .50            |      |          |     |                                     |
| 29   | 56002063 | 6   | Wsh, Flt Sae 3/8                     |      |          |     |                                     |
| 30   | 56002098 | 3   | Wsh, Flt Sae 1/4                     |      |          |     |                                     |
| 31   | 56002663 | 6   | Scr, Hex 3/8-16 X 1.00               |      |          |     |                                     |
| 32   | 56002701 | 2   | Nut, Hex Nyl Loc 5/16-18             |      |          |     |                                     |
| 33   | 56002708 | 3   | Nut, Hex Nyl Loc 1/4-20              |      |          |     |                                     |
| 34   | 56002786 | 2   | Scr, Pan Phil 1/4-20 X 1.50          |      |          |     |                                     |
| 35   | 56002794 | 2   | Scr, Pan Phil 5/16-18 X 1.00         |      |          |     |                                     |
| 36   | 56002825 | 1   | Scr, Pan Phil 1/4-20 X 1.25          |      |          |     |                                     |
| 37   | 56002832 | 1   | Nut, Hex Nyl Loc-Thin 10-24          |      |          |     |                                     |
| 38   | 56110065 | 1   | Cover Support Weldt                  |      |          |     |                                     |
| 39   | 56110631 | 1   | Plate, Latch Mount                   |      |          |     |                                     |
| 40   | 56110638 | 1   | Handle, Latch                        |      |          |     |                                     |
| 41   | 56304827 | 1   | Latch, Rh                            |      |          |     |                                     |
| 42   | 56321532 | 1   | Bushing .25 x .37 x .40              |      |          |     |                                     |
| 43   | 56413723 | 1   | Cable Assembly                       |      |          |     |                                     |

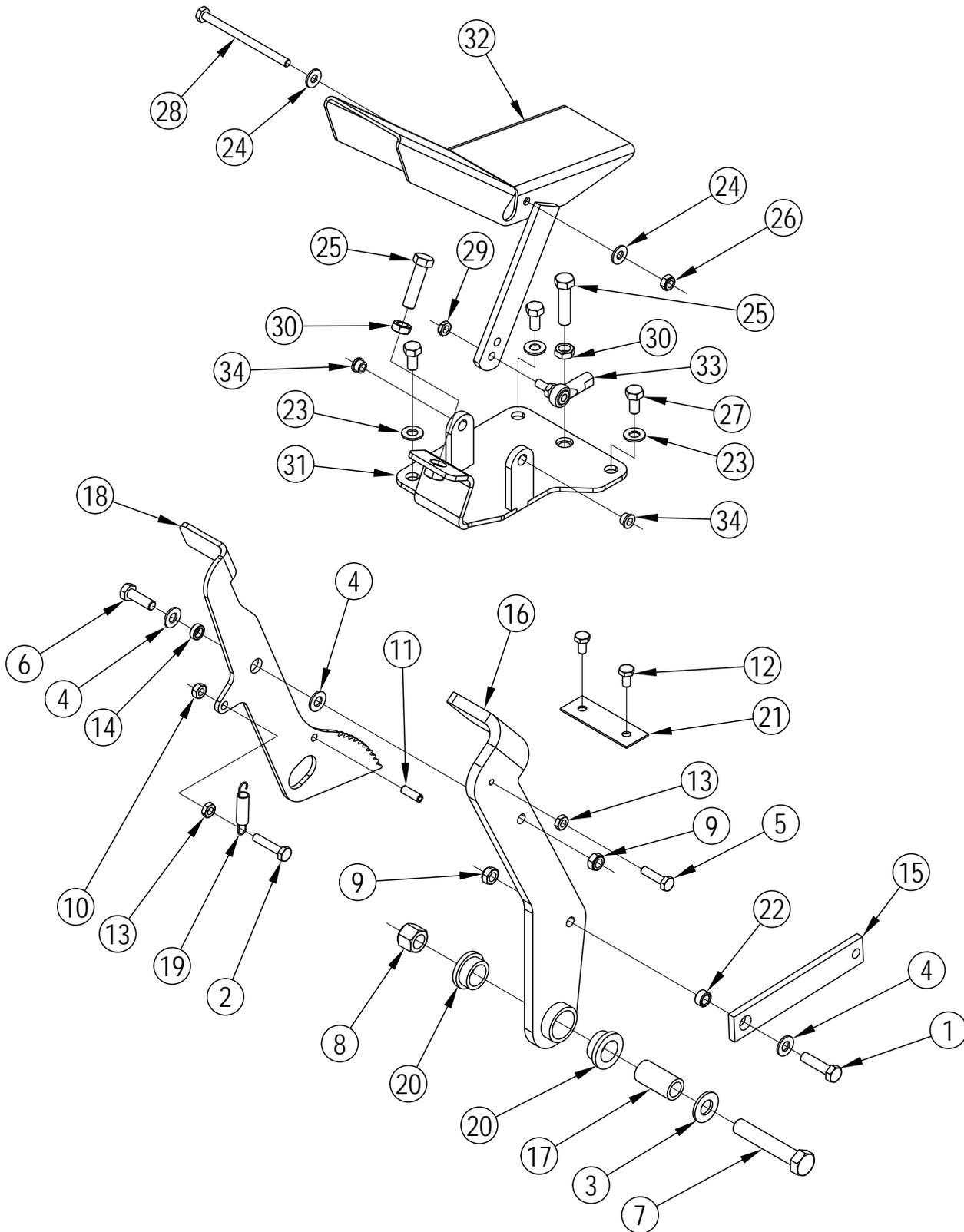
CONTROL SYSTEM



## CONTROL SYSTEM

| Item | Ref. No.   | Qty | Description   |
|------|------------|-----|---|
| 1    | 56001878   | 2   | Scr, Hex 1/4-20 X 1.25  |
| 2    | 56001884   | 2   | Nut, Hex Jam 5/16-24  |
| 3    | 56001939   | 2   | Wsh, Flt SAE 5/16   |
| 4    | 56001993   | 1   | Scr, Pan Phil 10-24 X .50   |
| 5    | 56002187   | 1   | Scr, Hex Thd To Hd 5/16-18 X 1.25                                     |
| 6    | 56002667   | 2   | Scr, Hex 5/16-18 X .75  |
| 7    | 56002832   | 1   | Nut, Hex Nyl Loc-Thin 10-24   |
| 8    | 56002840   | 2   | Nut, Hex Nyl Loc-Thin 1/4-20  |
| 9    | 56002859   | 2   | Wsh, Flt SAE SS 1/4   |
| 10   | 56002866   | 1   | Nut, Hex Nyl Loc-Thin 5/16-24   |
| 11   | 56009062   | 2   | Scr, Pan Phil Thd Form 1/4-20 X .50                                   |
| 12   | 56009087   | 2   | Nut, Hex Jam 1/4-20   |
| 13   | 56009142   | 2   | Nut, Hex Machine 1/4-28   |
| 14   | 56110080   | 1   | Brake Pedal Assy (see Control System - Brake & Foot Pedal Assemblies) |
| 15   | 56110146   | 1   | Cable, Push/Pull Control  |
| 16   | 56110152   | 1   | Pintle Assembly (items 29-41)   |
| 17   | 56110273   | 1   | Seat Assembly (items 47-52)   |
| 18   | 56110381   | 1   | Brake Bar Weldment  |
| 19   | 56110384   | 1   | Cable Assy  |
| 20   | 56110446   | 1   | Foot Pedal Assy (see Control System - Brake & Foot Pedal Assemblies)  |
| 21   | NA         | 1   | Steering Assy (see Control System - Steering Assy)                    |
| 22   | 56110709   | 1   | Bracket, Switch   |
| 23   | 56110990   | 1   | Tow Lever Assy (items 42-46)  |
| 24   | 56111347   | 1   | Plate, Adjuster   |
| 25   | 56305053   | 1   | Sensor, Proximity   |
| 26   | 56416089   | 1   | Clevis Assy   |
| 27   | 56448112   | 1   | Spring Ext  |
| 28   | 56477756   | 1   | Rod End   |
|      |            |     | <b>Pintle Assy</b>  |
| 29   | 56455799   | 1   | Hydroback   |
| 30   | 56002015   | 1   | Scr, Soc Set Loc 10-24 X .25  |
| 31   | 56003118   | 1   | Scr, Soc Hd 5/16-18 X 0.62  |
| 32   | 56002053   | 2   | Wsh, Flt Std #10  |
| 33   | 56002996   | 3   | Scr, Pan Phil 10-32 X .88   |
| 34   | 56003626   | 1   | Nut, Hex Nyl Loc-Thin 1/4-28  |
| 35   | 56111896   | 1   | Plate-Sensor  |
| 36   | 56304355   | 1   | Lever Weldment  |
| 37   | 56305129   | 1   | Rotary Sensor   |
| 38   | 56305184   | 1   | Adapter, Shaft  |
| 39   | 56305186   | 1   | Bracket   |
| 40   | 56111895   | 1   | Guide-Encoder   |
| 41   | 56463720   | 1   | Rod End   |
|      |            |     | <b>Tow Lever Assy</b>   |
| 42   | 56002930   | 2   | Scr, Soc Set Loc 1/4-20 X .38   |
| 43   | 56009132   | 1   | Nut, Push Cap 1/4   |
| 44   | 56110989   | 1   | Rod, Tow Lever  |
| 45   | 56110992   | 1   | Collar Weldt  |
| 46   | 56157376   | 1   | Grommet   |
|      |            |     | <b>Seat Assy</b>  |
| 47   | 7-69-00008 | 1   | Seat  |
| 48   | 7-72-05005 | 1   | Slide, Seat   |
| 49   | 56009122   | 4   | Wsh, Flt .344 x .938 x .125   |
| 50   | 56002037   | 4   | Scr, Hex 5/16-18 X .88  |
| 51   | 56002701   | 4   | Nut, Hex Nyl Loc 5/16-18  |
| 52   | 56111949   | 1   | Plate, Seat Mount   |
| 53   | 56009086   | 1   | Nut, Hex Jam 5/16-18  |

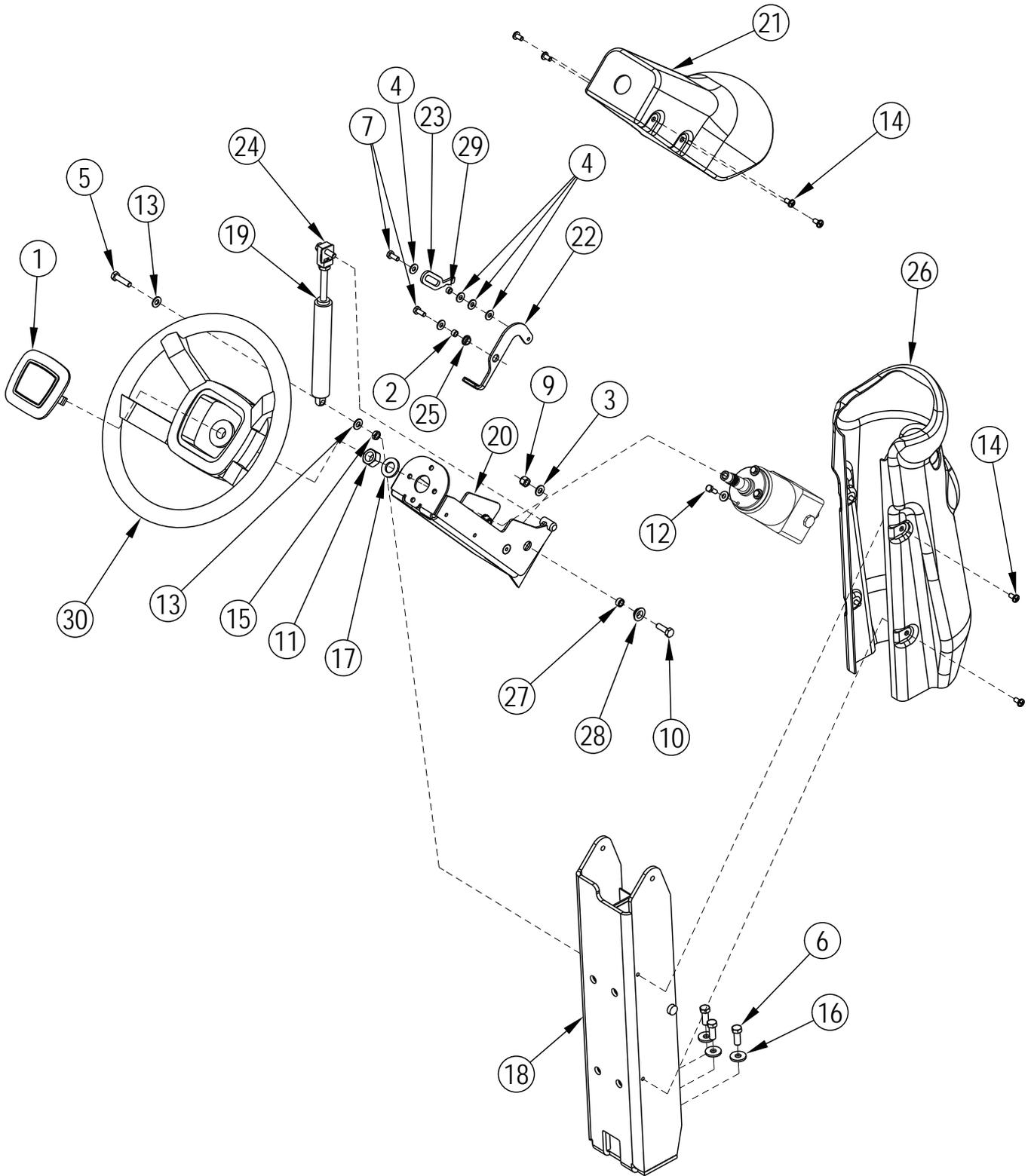
CONTROL SYSTEM - BRAKE & FOOT PEDAL ASSEMBLIES



## CONTROL SYSTEM - BRAKE &amp; FOOT PEDAL ASSEMBLIES

| Item | Ref. No. | Qty | Description                      |
|------|----------|-----|----------------------------------|
|      | 56110080 | 1   | Brake Pedal Assy (items 1-22)    |
| 1    | 56001834 | 1   | Scr, Hex 5/16-18 X 1.25          |
| 2    | 56001878 | 1   | Scr, Hex 1/4-20 X 1.25           |
| 3    | 56001879 | 1   | Wsh, Flt SAE 1/2                 |
| 4    | 56001939 | 3   | Wsh, Flt SAE 5/16                |
| 5    | 56002093 | 1   | Scr, Hex 1/4-20 X 1.00           |
| 6    | 56002221 | 1   | Scr, Hex 5/16-18 X 1.00          |
| 7    | 56002680 | 1   | Scr, Hex 1/2-13 X 2.75           |
| 8    | 56002770 | 1   | Nut, Hex Nyl Loc 1/2-13          |
| 9    | 56002826 | 2   | Nut, Hex Nyl Loc-Thin 5/16-18    |
| 10   | 56002840 | 1   | Nut, Hex Nyl Loc-Thin 1/4-20     |
| 11   | 56003138 | 1   | Pin, Spr .25 X .75               |
| 12   | 56009033 | 2   | Scr, Hex Thd Form 1/4-20 X .50   |
| 13   | 56009087 | 2   | Nut, Hex Jam 1/4-20              |
| 14   | 56110432 | 1   | Bushing .323 X .500 X .180       |
| 15   | 56110641 | 1   | Linkage, Brake                   |
| 16   | 56111946 | 1   | Brake Pedal Weldt                |
| 17   | 56111100 | 1   | Bushing, .520 X .750 X 1.470     |
| 18   | 56111537 | 1   | Pedal, Parking Brake             |
| 19   | 56245008 | 1   | Spring, Extension                |
| 20   | 56303024 | 2   | Bearing, Fl 1.000x.750x.500      |
| 21   | 56304543 | 1   | Catch, Brake Lock                |
| 22   | 56320595 | 1   | Bushing .32x.50x.28              |
|      | 56110446 | 1   | Foot Pedal Assy (items 23-34)    |
| 23   | 56001939 | 3   | Wsh, Flt SAE 5/16                |
| 24   | 56002098 | 2   | Wsh, Flt SAE 1/4                 |
| 25   | 56002747 | 2   | Scr, Hex Thd To Hd 3/8-16 X 1.50 |
| 26   | 56002840 | 1   | Nut, Hex Nyl Loc-Thin 1/4-20     |
| 27   | 56002929 | 3   | Scr, Hex Hd Loc 5/16-18x.62      |
| 28   | 56002986 | 1   | Scr, Hex 1/4-20 X 3.75           |
| 29   | 56003626 | 1   | Nut, Hex Nyl Loc-Thin 1/4-28     |
| 30   | 56009085 | 2   | Nut, Hex Jam 3/8-16              |
| 31   | 56111947 | 1   | Pivot Weldt                      |
| 32   | 56111948 | 1   | Pedal Weldt                      |
| 33   | 56463720 | 1   | Rod End                          |
| 34   | 56756318 | 2   | Bearing, Flange                  |

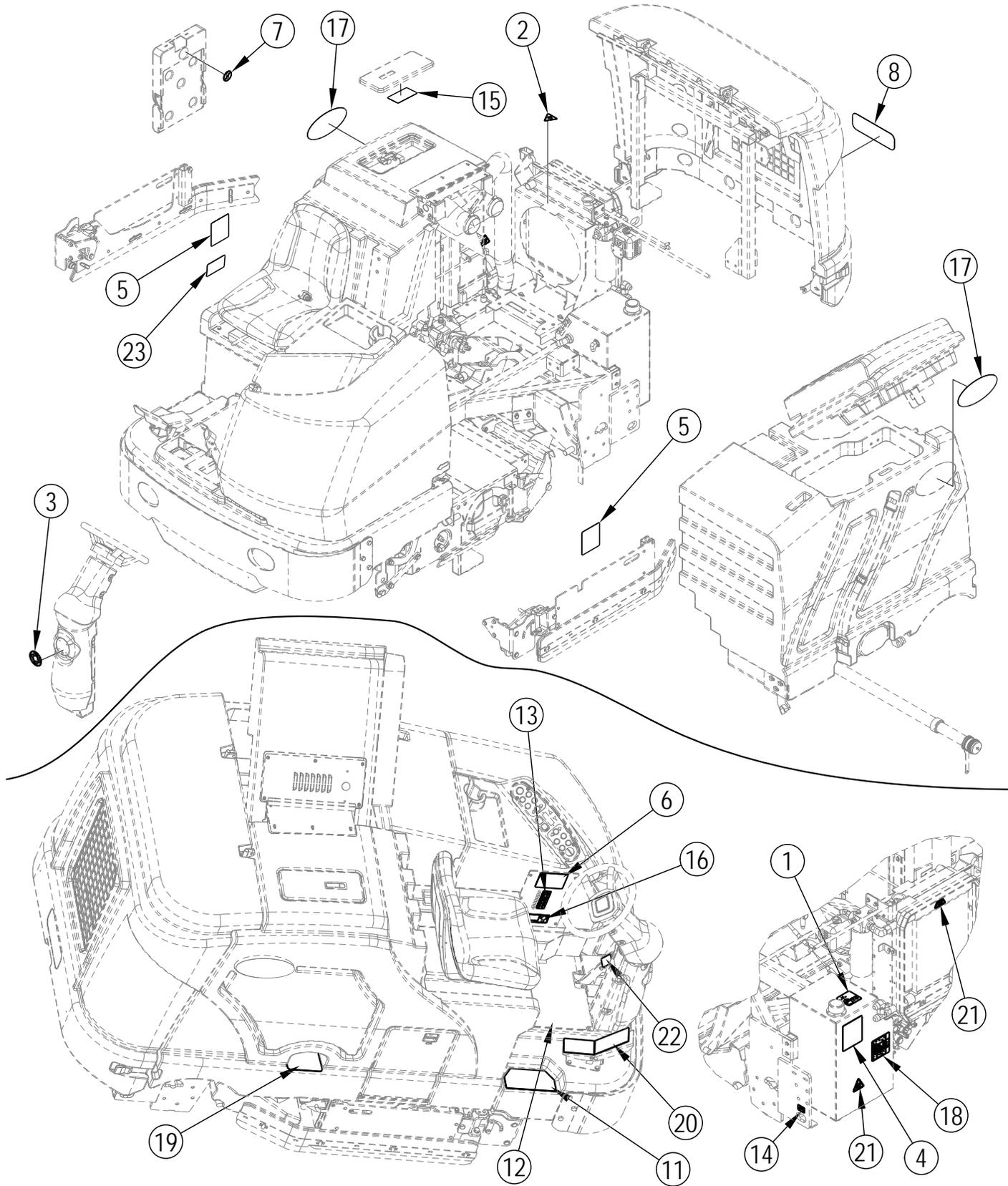
CONTROL SYSTEM - STEERING ASSY



## CONTROL SYSTEM - STEERING ASSY

| Item | Ref. No.   | Qty | Description                         |
|------|------------|-----|-------------------------------------|
| 1    | 7-16-07428 | 1   | Cover, Steering Wheel               |
| 2    | 56368997   | 1   | Bushing                             |
| 3    | 56001939   | 2   | Wsh, Flt SAE 5/16                   |
| 4    | 56002098   | 9   | Wsh, Flt SAE 1/4                    |
| 5    | 56002187   | 1   | Scr, Hex Thd To Hd 5/16-18 x 1.25   |
| 6    | 56002663   | 3   | Scr, Hex 3/8-16 x 1.00              |
| 7    | 56002922   | 2   | Scr, Hex Hd Loc 1/4-20 x .62        |
| 9    | 56003389   | 2   | Nut, Hex Nyl Loc M8-1.25            |
| 10   | 56003436   | 2   | Scr, Hex SS M8-1.25 x 25mm          |
| 11   | 56003440   | 1   | Nut, Hex M16-1.5                    |
| 12   | 56003441   | 4   | Scr, Hex Loc M6-1 x 16mm            |
| 13   | 56009052   | 2   | Wsh, Int Shprf 5/16                 |
| 14   | 56009062   | 8   | Scr, Pan Phil Thd Form 1/4-20 x .50 |
| 15   | 56009086   | 1   | Nut, Hex Jam 5/16-18                |
| 16   | 56009107   | 3   | Wsh, Flt SS .378 x 1.000 x .120     |
| 17   | 56009218   | 1   | Wsh, Flt .688 x 1.250 x .125        |
| 18   | 56110456   | 1   | Lower Column Weldment               |
| 19   | 56111354   | 1   | Gas Spring, Locking                 |
| 20   | 56111520   | 1   | Upper Column Weldt                  |
| 21   | 56111524   | 1   | Shroud, Upper Column                |
| 22   | 56111597   | 1   | Lever                               |
| 23   | 56111762   | 1   | Lever                               |
| 24   | 56111763   | 1   | Rod End Weldment                    |
| 25   | 56304518   | 1   | Bearing, Fl .500 x .375 x .188      |
| 26   | 56314295   | 1   | Shroud, Lower Column                |
| 27   | 56320595   | 2   | Bushing .32 x .50 x .28             |
| 28   | 56413211   | 2   | Bearing, Flange .625 x .500 x .250  |
| 29   | 56413888   | 1   | Bushing .265 x .375 x .180          |
| 30   | 56418460   | 1   | Steering Wheel                      |

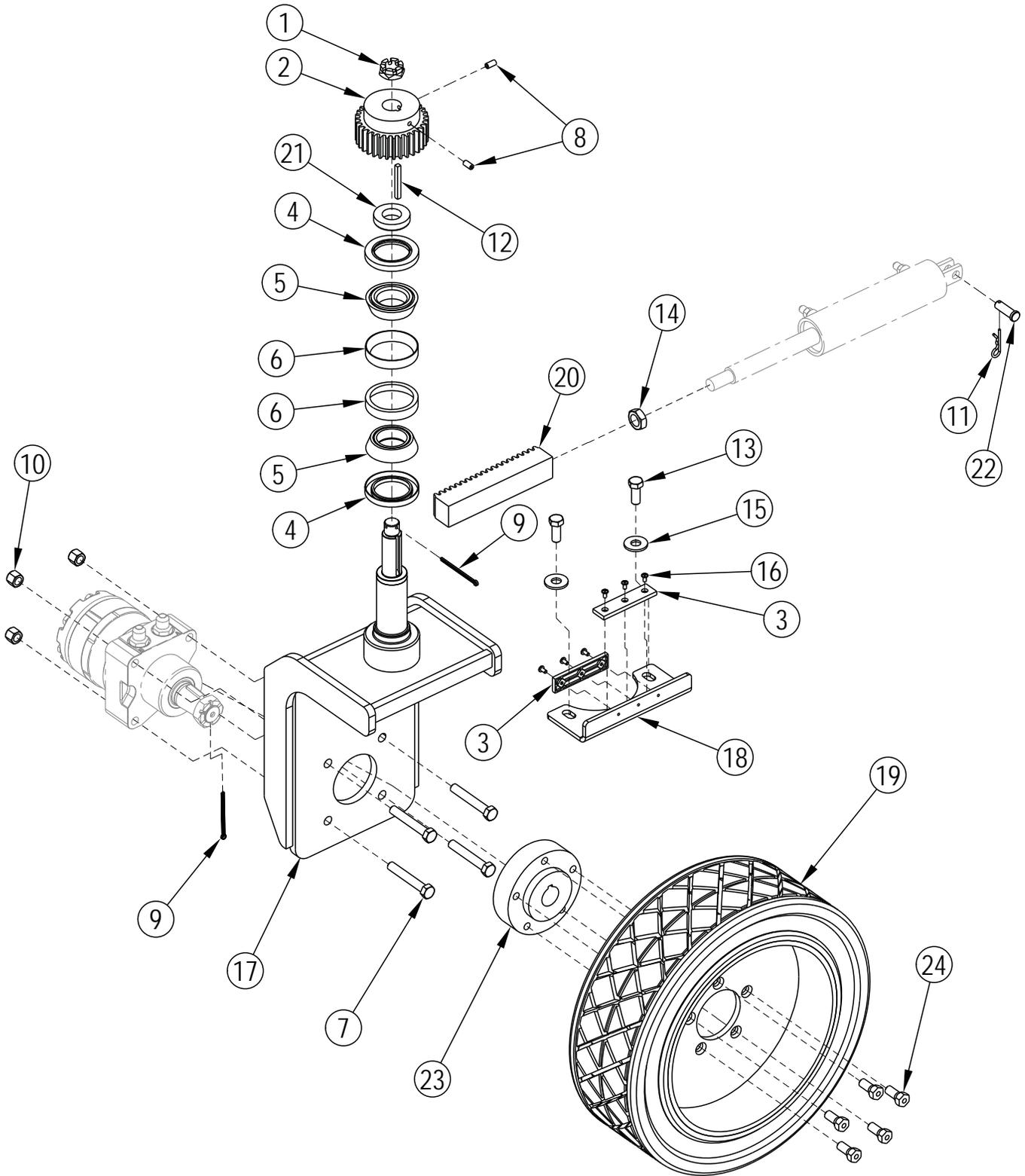
DECAL SYSTEM



## DECAL SYSTEM

| Item | Ref. No. | Qty | Description                  |
|------|----------|-----|------------------------------|
| 1    | 56016259 | 1   | Decal, Oil Fill              |
| 2    | 56016364 | 1   | Decal, Warning Fan           |
| 3    | 56016348 | 1   | Decal, Logo                  |
| 4    | 56015424 | 1   | Warning, Hydraulic           |
| 5    | 56015425 | 2   | Decal, Warning Broom         |
| 6    | 56015427 | 1   | Decal, Warning Tip Over      |
| 7    | 56016163 | 1   | Decal, No Step               |
| 8    | 56016731 | 1   | Decal, Nilfisk               |
| 11   | 56111251 | 1   | Mat, Step                    |
| 12   | 56111252 | 1   | Mat, Floor                   |
| 13   | 56111807 | 1   | Decal, Circuit Breaker       |
| 14   | 56111392 | 2   | Decal, Tie Down              |
| 15   | 56111393 | 1   | Decal, Tank Fluid            |
| 16   | 56111394 | 1   | Decal, Exhaust               |
| 17   | 56108172 | 2   | Decal-SC8000                 |
| 18   | 56111460 | 1   | Decal, Hyd. Valve            |
| 19   | 56111482 | 1   | Mat, Step                    |
| 20   | 56305606 | 1   | Mat, Pedal                   |
| 21   | 56016363 | 2   | Decal, Warning Hot           |
| 22   | 56111785 | 1   | Mat, Pedal                   |
| 23   | 56015413 | 1   | Decal, LPG (LPG models only) |

DRIVE WHEEL SYSTEM

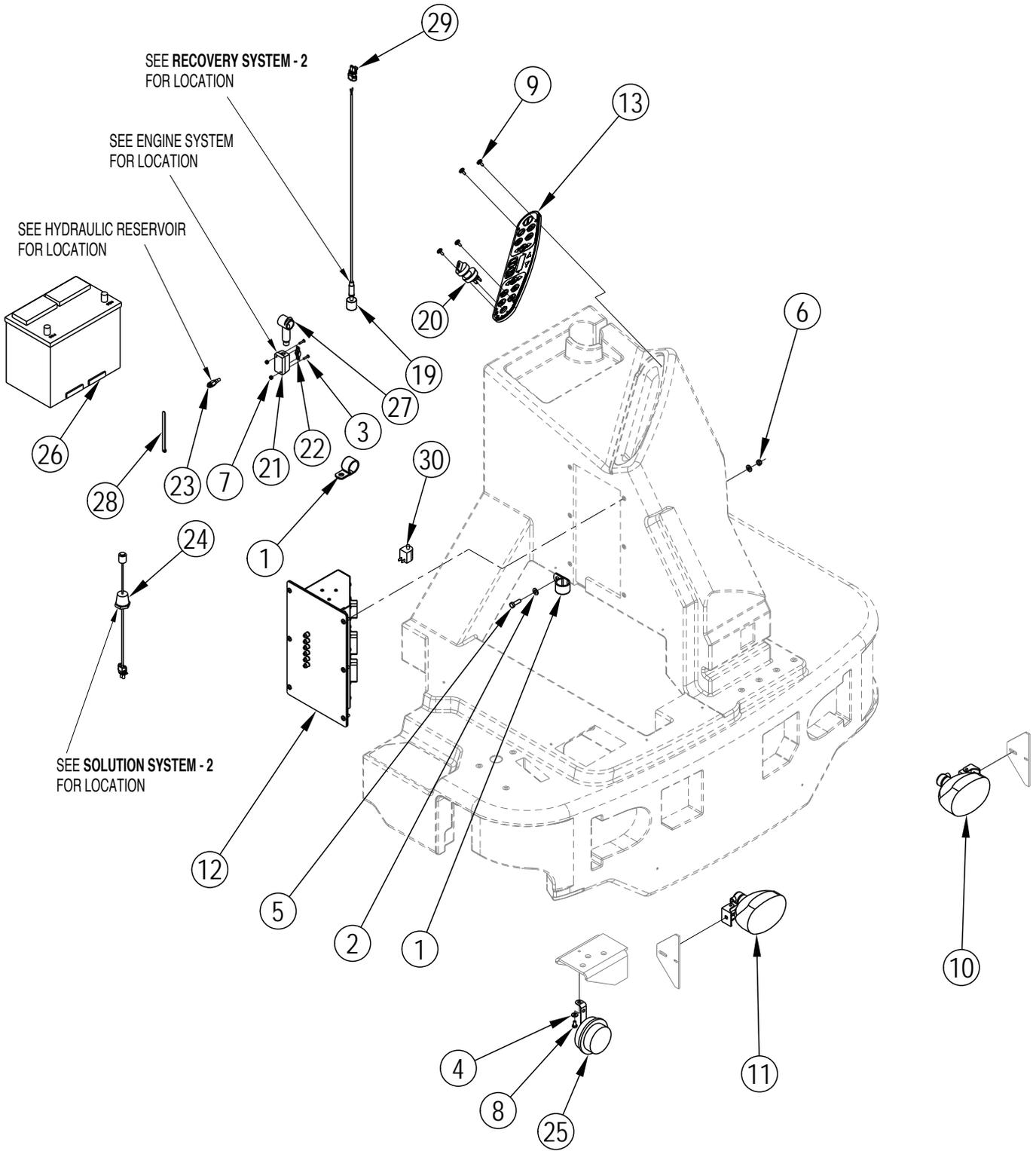


## DRIVE WHEEL SYSTEM

| Item | Ref. No.   | Qty | Description                         |
|------|------------|-----|-------------------------------------|
| 1    | 56110817   | 1   | Nut, Castle 7/8-14                  |
| 2    | 56418477   | 1   | Gear, Spur                          |
| 3    | 56418575   | 2   | Plate, Wear                         |
| 4    | 56477783   | 2   | Seal, Shaft                         |
| 5    | 56744471   | 2   | Bearing, Cone                       |
| 6    | 56744474   | 2   | Bearing, Cup                        |
| 7    | 56002116   | 4   | Scr, Hex 1/2-13 x 3.25              |
| 8    | 56002186   | 2   | Scr, Soc Set Loc 5/16-18 x .62      |
| 9    | 56002574   | 2   | Pin, Cotter 5/32 x 3.00             |
| 10   | 56002770   | 4   | Nut, Hex Nyl Loc 1/2-13             |
| 11   | 56003222   | 1   | Pin, Cotter Hair                    |
| 12   | 56003248   | 1   | Key, Sq .25 x 2.31                  |
| 13   | 56003785   | 2   | Scr, Hex 1/2-20 x 1.25              |
| 14   | 56009083   | 1   | Nut, Hex Jam 3/4-16                 |
| 15   | 56009115   | 2   | Wsh, Flt Harden .594 x 1.375 x .134 |
| 16   | 56009139   | 6   | Scr, Pan Phil Loc 10-24 x .38       |
| 17   | 56110153   | 1   | Drive Wheel Weldt                   |
| 18   | 56111386   | 1   | Plate, Adjuster                     |
| 19   | 56111514   | 1   | Wheel, P7 Mold-On 18 x 6            |
| *    | 56111811   | 1   | Wheel Urethane 18 x 6               |
| 20   | 56305041   | 1   | Rack                                |
| 21   | 56419189   | 1   | Spacer, Gear                        |
| 22   | 56486733   | 1   | Pin                                 |
| 23   | 56507462   | 1   | Hub, Drive Wheel                    |
| 24   | 8-80-05035 | 5   | Stud - Wheel                        |

\* = Optional, Not Included

ELECTRICAL SYSTEM



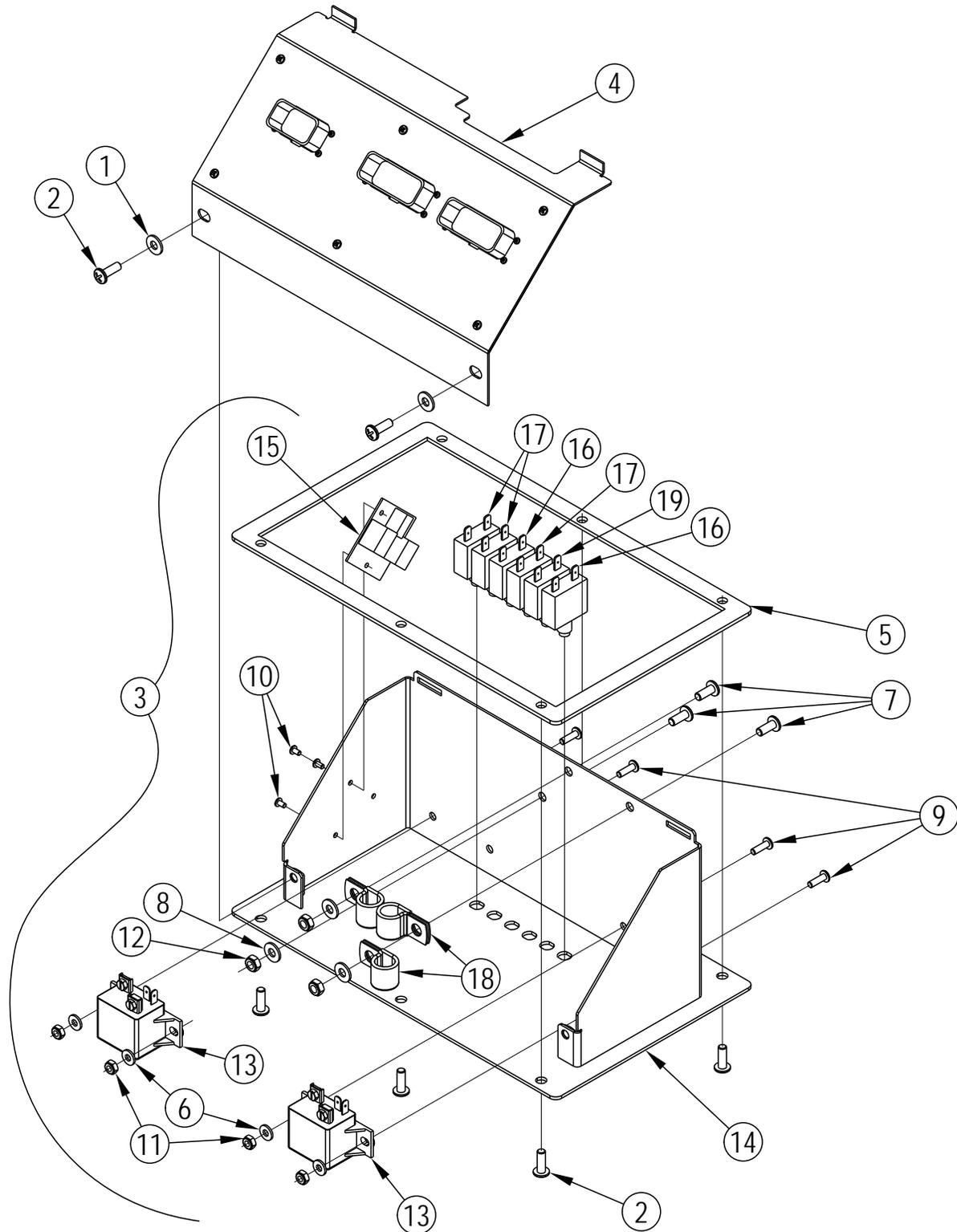
## ELECTRICAL SYSTEM

| Item | Ref. No.   | Qty | Description  |
|------|------------|-----|--|
| 1    | 56409463   | 2   | Clamp, 1.25 Hose Support   |
| 2    | 56001939   | 2   | Wsh, Flt SAE 5/16  |
| 3    | 56002005   | 2   | Scr, Pan Phil 6-32 x .62   |
| 4    | 56002098   | 1   | Wsh, Flt SAE 1/4   |
| 5    | 56002221   | 1   | Scr, Hex 5/16-18 x 1.00  |
| 6    | 56002826   | 1   | Nut, Hex Nyl Loc-Thin 5/16-18                                    |
| 7    | 56002830   | 2   | Nut, Hex Nyl Loc 6-32  |
| 8    | 56009033   | 1   | Scr, Hex Thd Form 1/4-20 x .50                                   |
| 9    | 56009206   | 4   | Scr, Truss Phil-Blk 10-24 x .50                                  |
| 10   | 56110436   | 1   | Head Light Assy, LH  |
| *    | 56507224   | A/R | Bulb, Headlight Replacement                                      |
| 11   | 56110437   | 1   | Head Light Assy, RH  |
| *    | 56507224   | A/R | Bulb, Headlight Replacement                                      |
| 12   | 56381122   | 1   | Control Board Box Assy   |
|      | 56381109   | 1   | Diesel Control Board Box Assy (Diesel only)                      |
| 13   | 56381129   | 1   | Dashboard Panel Assembly   |
| [ ]  | 56111806   | 1   | Harness, Main  |
| [ ]  | 56110544   | 1   | Harness, Battery Cable   |
| [ ]  | 56110551   | 1   | Cable Asm, Blk 6-2   |
| [ ]  | 56110552   | 1   | Cable Asm, Red 6-2   |
| [ ]  | 56110553   | 1   | Cable Asm, Red 6-3   |
| [ ]  | 56110549   | 1   | Harness, Glow Plug (Diesel only)                                 |
| 19   | 56110561   | 1   | Switch, Liquid Level   |
| 20   | 56111109   | 1   | Key Switch Assembly  |
| *    | 56303526   | 1   | Key, Replacement Set (for 56111109)                              |
| 21   | 56111114   | 1   | Fuseholder, Midi   |
| 22   | 56111123   | 1   | Fuse, 100A   |
| 23   | 56305873   | 1   | Sender, Temperature  |
| 24   | 56413669   | 1   | Switch, Liquid Level   |
| 25   | 56442054   | 1   | Horn, 12V  |
| 27   | 56493357   | 1   | Insulator, Terminal  |
| 28   | 2-00-04345 | 30  | Ty-Rap (Thomas & Betts Ty-28M) (Qty of 33 on Diesel models only) |
| 29   | 56462361   | 1   | Conn, 2 Way Female   |
| 30   | 7-82-00050 | 1   | Switch-Seat  |

[ ] = Not Shown

\* = Optional, Not Included

## ELECTRICAL SYSTEM - CONTROL BOARD ASSY

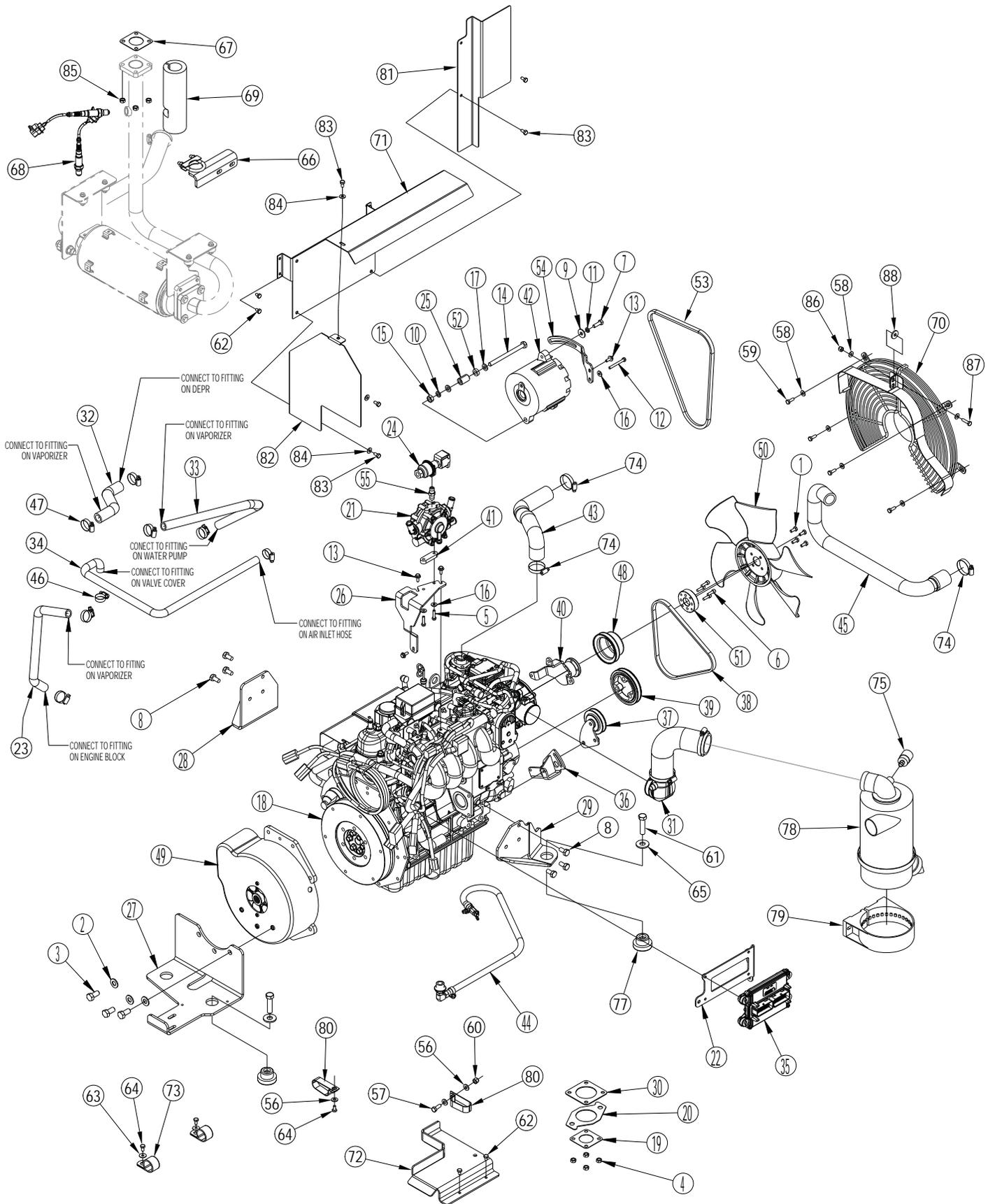


## ELECTRICAL SYSTEM - CONTROL BOARD ASSY

| Item | Ref. No. | Qty | Description  |
|------|----------|-----|--|
|      | 56381122 | 1   | Control Board Box Assy (LPG only) (items 1-5)              |
|      | 56381109 | 1   | Diesel Control Board Box Assy (Diesel only) (items 1-5)    |
| 1    | 56002098 | 2   | Wsh, Flt SAE 1/4   |
| 2    | 56002507 | 8   | Scr, Pan Phil 1/4-20 x .75                                 |
| 3    | 56110517 | 1   | Control Board Relay Assy (LPG only) (items 6-19)           |
|      | 56111162 | 1   | Diesel Control Board Relay Assy (Diesel only) (items 6-19) |
| 4    | 56381126 | 1   | Control Assembly-Main                                      |
| 5    | 56110523 | 1   | Gasket, Control Box  |
| 6    | 56001954 | 2   | Wsh, Flt SAE #10 (qty of 4 on Diesel models)               |
| 7    | 56002066 | 3   | Scr, Pan Phil 1/4-20 x .62                                 |
| 8    | 56002098 | 3   | Wsh, Flt SAE 1/4   |
| 9    | 56002124 | 2   | Scr, Pan Phil 10-24 x .62 (qty of 4 on Diesel models)      |
| 10#  | 56001904 | 3   | Scr Pan Phil 6-32 X .38                                    |
| 11   | 56002832 | 2   | Nut, Hex Nyl Loc-Thin 10-24 (qty of 4 on Diesel models)    |
| 12   | 56002840 | 3   | Nut, Hex Nyl Loc-Thin 1/4-20                               |
| 13   | 56110423 | 1   | Relay, SPST 12V 75A (qty of 2 on Diesel models)            |
| 14   | 56111955 | 1   | Control Board Weldt  |
| 15   | 56110530 | 1   | Board, Relay   |
| 16   | 56413407 | 2   | Circuit Breaker, 15 Amp                                    |
| 17   | 56413822 | 3   | Circuit Breaker, 20 Amp                                    |
| 18   | 56419120 | 3   | Clamp, Hose Support  |
| 19   | 56507644 | 1   | Circuit Breaker, 10 Amp                                    |

# = Revised or new since last update

ENGINE ASSY - LPG



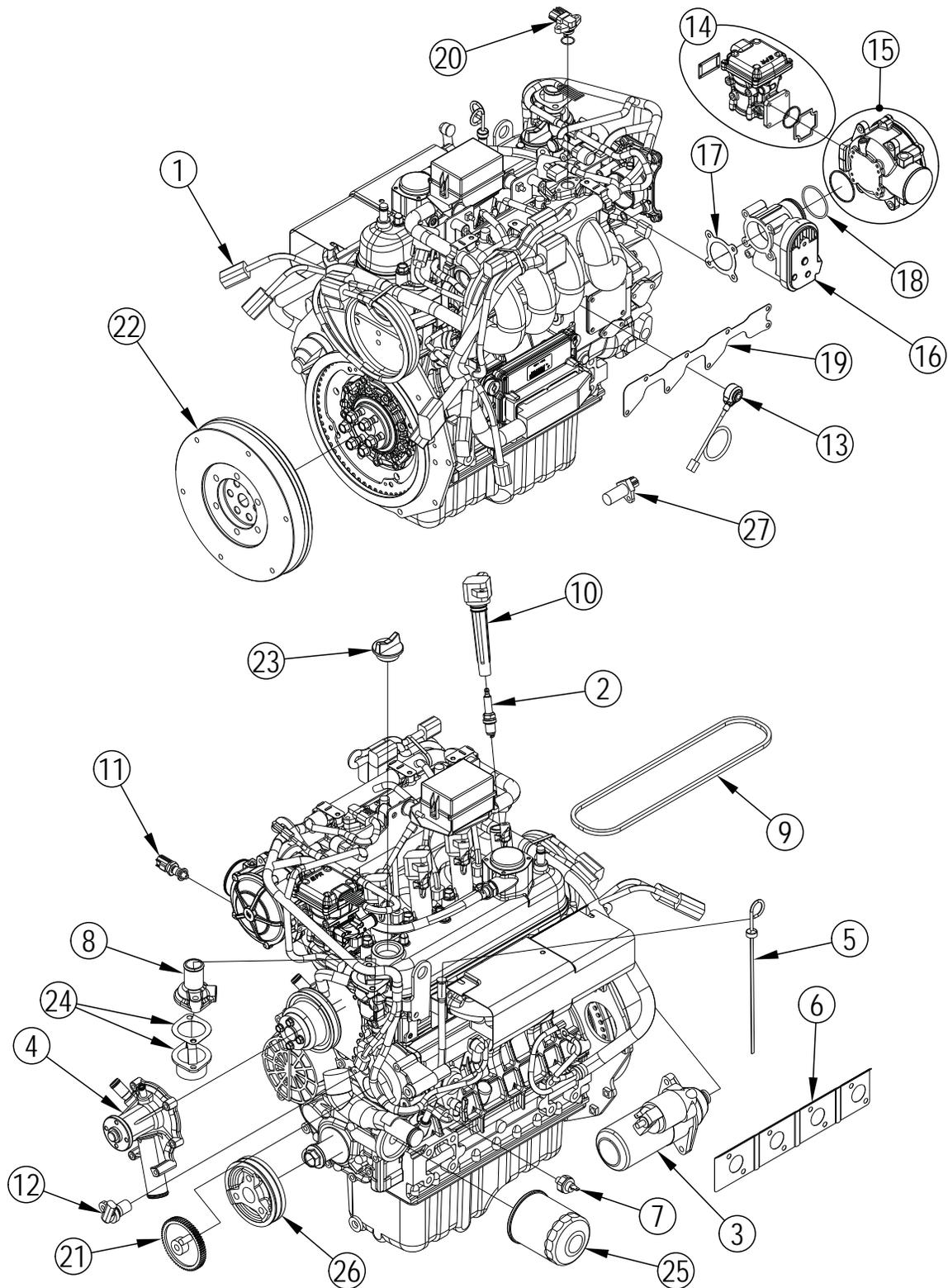
ENGINE ASSY - LPG

| Item | Ref. No.   | Qty | Description                        | Item | Ref. No.   | Qty | Description                     |
|------|------------|-----|------------------------------------|------|------------|-----|---------------------------------|
| 1    | 56001836   | 4   | Scr-Hex 1/4-20 X .62               | 61   | 56002983   | 4   | Scr-Hex 1/2-13 X 2.00           |
| 2    | 56001879   | 3   | Wsh-Flt Sae 1/2                    | 62   | 56009019   | 6   | Scr, Hex Thd Form 1/4-20 X .38  |
| 3    | 56003083   | 3   | Scr-Hex Hd Loc 1/2-13x1.00         | 63   | 56009025   | 2   | Wsh, Flt .266 X .750 X .036     |
| 4    | 56003352   | 4   | Nut-Hex M8-1.25                    | 64   | 56009033   | 3   | Scr, Hex Thd Form 1/4-20 X .50  |
| 5    | 56003358   | 2   | Scr-Hex M6-1 X 25mm                | 65   | 56009115   | 4   | Wsh, Flt Harden .594x1.375x.134 |
| 6    | 56003368   | 4   | Scr,Soc Hd M6-1.0 X 20.0           | 66   | 56107568   | 1   | Clamp Bracket Weldment          |
| 7    | 56003436   | 1   | Scr-Hex SS M8-1.25 X 25mm          | 67   | 56107590   | 1   | Gasket Manifold                 |
| 8    | 56003442   | 6   | Scr, Hex Loc M10-1.5 X 20mm        | 68   | 56107613   | 2   | Sensor Oxygen                   |
| 9    | 56003646   | 1   | WSH, FLT SS 8mm                    | 69   | 56108184   | 1   | Blanket Exhaust                 |
| 10   | 56003684   | 1   | Wsh, Nord-Lock M10                 | 70   | 56108187   | 1   | Fan Guard                       |
| 11   | 56003685   | 1   | Wsh, Nord-Lock M8                  | 71   | 56108206   | 1   | Shield-Heat                     |
| 12   | 56003764   | 1   | Scr-Hex M6-1 X 55mm                | 72   | 56111476   | 1   | Plate, Guard                    |
| 13   | 56003943   | 4   | Scr-Hex Flange Ss M6-1 X 16mm      | 73   | 56409463   | 2   | Clamp, 1.25 Hose Support        |
| 14   | 56003944   | 1   | Scr-Hex M10-1.25 X 130mm           | 74   | 56413839   | 4   | Clamp- Hose Sae #20             |
| 15   | 56003945   | 1   | Nut-Hex M10-1.25                   | 75   | 56478461   | 1   | Indicator,Service               |
| 16   | 56009064   | 3   | Wsh, Int Shprf 1/4                 | 76#  | DELETED    |     |                                 |
| 17   | 56009214   | 2   | Wsh-Flt .406x.750x.090             | 77   | 56478685   | 4   | Mount, Rubber                   |
| 18#  |            | 1   | Engine Base-Kubota 4-Cyl Lpg       | 78   | 56482478   | 1   | Cleaner, Air                    |
| 19   | 56107590   | 1   | Gasket Manifold                    | *    | 56482028   | A/R | Air Filter Cartridge Safety     |
| 20   | 56107592   | 1   | Gasket-Cat Outlet                  | *    | 56482029   | A/R | Air Filter Cartridge Primary    |
| 21   | 56107646   | 1   | Vaporizer                          | 79   | 56482621   | 1   | Band Assy                       |
| 22   | 56107648   | 1   | Ecu-Mount Plate                    | 80   | 2-00-05253 | 2   | Clamp, 3/4" Wire, Double        |
| 23   | 56107650   | 1   | Hose-Coolant-Vaporizer Supply      | 81   | 56108208   | 1   | Shield-Heat RR                  |
| 24   | 56107652   | 1   | Fuel-Solenoid                      | 82   | 56108207   | 1   | Shield-Heat FR                  |
| 25   | 56107747   | 1   | Spacer                             | 83   | 56002801   | 5   | Scr- Hex SS 1/4-20 X .50        |
| 26   | 56108163   | 1   | Bracket-Vaporizer                  | 84   | 56002859   | 3   | Wsh-Flt SAE SS 1/4              |
| 27   | 56108167   | 1   | Mount Rear Engine                  | 85   | 56003352   | 4   | Nut Hex M8                      |
| 28   | 56108168   | 1   | Mount Engine Right                 | 86#  | 56002708   | 1   | Nut Hex Nyl Loc 1/4-20          |
| 29   | 56108169   | 1   | Mount Engine Left                  | 87#  | 56002093   | 1   | Scr Hex 1/4-20 X 1.00           |
| 30   | 56108174   | 1   | Gasket-Cat Inlet                   | 88#  | 56009122   | 1   | Wsh Flt .344x.938x.125          |
| 31   | 56108175   | 1   | Hose-Intake Assy                   |      |            |     |                                 |
| 32   | 56108188   | 1   | Lpg Hose-Vaporizer                 |      |            |     |                                 |
| 33   | 56108189   | 1   | Hose-Coolant-Vaporizer Return      |      |            |     |                                 |
| 34   | 56108191   | 1   | Hose Breather                      |      |            |     |                                 |
| 35   | 56108192   | 1   | Ecu                                |      |            |     |                                 |
| 36   | 56108197   | 1   | Bracket Offset                     |      |            |     |                                 |
| 37   | 56108198   | 1   | Pulley Idler                       |      |            |     |                                 |
| 38   | 56108199   | 1   | Belt Vee                           |      |            |     |                                 |
| 39   | 56108200   | 1   | Pulley Crank                       |      |            |     |                                 |
| 40   | 56108201   | 1   | Bracket Fan Offset                 |      |            |     |                                 |
| 41   | 56108202   | 1   | Spacer-Vaporizer                   |      |            |     |                                 |
| 42   | 56110738   | 1   | Alternator, 105 Amp                |      |            |     |                                 |
| 43   | 56111301   | 1   | Hose, Radiator                     |      |            |     |                                 |
| 44   | 56111312   | 1   | Oil Drain Assy                     |      |            |     |                                 |
| 45   | 56111623   | 1   | Hose-Lower Radiator                |      |            |     |                                 |
| 46   | 56112771   | 2   | Clamp- Hose Sae #10                |      |            |     |                                 |
| 47   | 56244969   | 6   | Clamp- Hose Sae #12                |      |            |     |                                 |
| 48   | 56307249   | 1   | Pulley, Fan (89mm)                 |      |            |     |                                 |
| 49   | 56380142   | 1   | Pump Housing Assy                  |      |            |     |                                 |
| 50   | 56418718   | 1   | Fan-Cooling                        |      |            |     |                                 |
| 51   | 56418928   | 1   | Fan Spacer                         |      |            |     |                                 |
| 52   | 56507795   | 1   | Spacer, Coil Bracket               |      |            |     |                                 |
| 53   | 56508393   | 1   | Belt, Vee                          |      |            |     |                                 |
| 54   | 56508429   | 1   | Bracket, Alternator Diesel         |      |            |     |                                 |
| 55   | 2-00-05674 | 1   | Fitting, 1/4 Npt Hex Nipple, Brass |      |            |     |                                 |
| 56   | 56001939   | 3   | Wsh, Flt Sae 5/16                  |      |            |     |                                 |
| 57   | 56002037   | 1   | Scr-Hex 5/16-18 X .88              |      |            |     |                                 |
| 58#  | 56002098   | 6   | Wsh, Flt Sae 1/4                   |      |            |     |                                 |
| 59   | 56002155   | 4   | Scr-Hex 1/4-20 X .75               |      |            |     |                                 |
| 60   | 56002701   | 1   | Nut, Hex Nyl Loc 5/16-18           |      |            |     |                                 |

# = Revised or new since last update

\* = Optional, Not Included

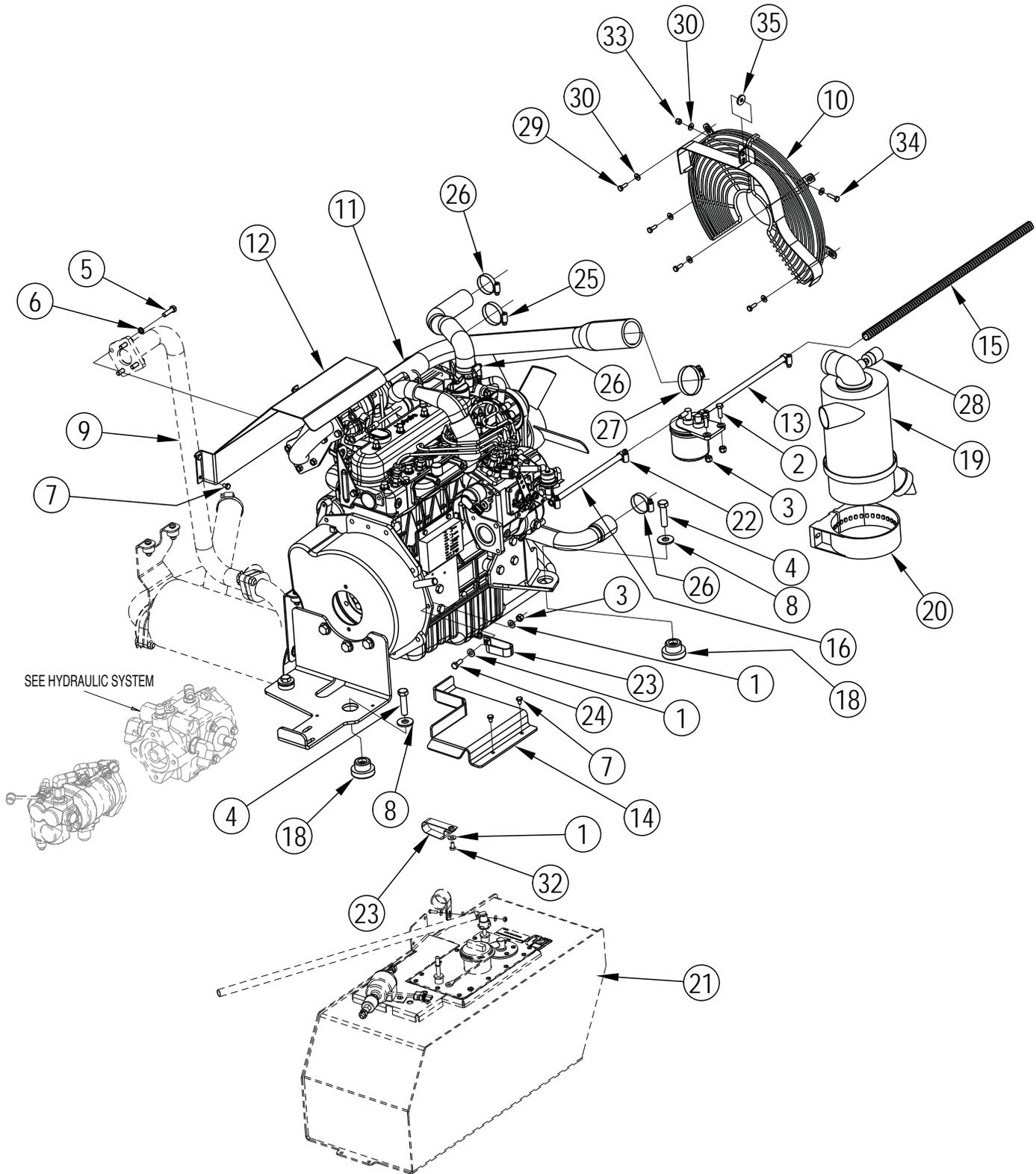
## ENGINE BASE ASSY - LPG



## ENGINE BASE ASSY - LPG

| Item | Ref. No.   | Qty | Description              |
|------|------------|-----|--------------------------|
| 1    | 56107705   | 1   | Harness-Kubota 4 Cyl Lpg |
| 2    | 56107706   | 4   | Spark Plug               |
| 3    | 56107707   | 1   | Starter                  |
| 4    | 56107708   | 1   | Water Pump Assy-Lpg      |
| 5    | 56107710   | 1   | Dipstick                 |
| 6    | 56107711   | 1   | Gasket-Exhaust Manifold  |
| 7    | 56107712   | 1   | Oil Pressure Switch      |
| 8    | 56107716   | 1   | Cover-Thermostat         |
| 9    | 56107717   | 1   | Gasket-Valve Cover       |
| 10   | 56107718   | 4   | Ignition Coil            |
| 11   | 56107721   | 1   | Water Temp Sensor W/Seal |
| 12   | 56107736   | 1   | Cam Sensor               |
| 13   | 56107737   | 1   | Knock Sensor             |
| 14   | 56107738   | 1   | Depr Assy                |
| 15   | 56107739   | 1   | Mixer Assy               |
| 16   | 56107740   | 1   | Throttle Body            |
| 17   | 56107741   | 1   | Gasket Throttle Body     |
| 18   | 56107742   | 1   | O-Ring                   |
| 19   | 56107743   | 1   | Gasket Intake Manifold   |
| 20   | 56107744   | 1   | Tmap Sensor              |
| 21   | 56107745   | 1   | Cam Gear                 |
| 22   | 56107746   | 1   | Flywheel                 |
| 23   | 56383025   | 1   | Cap-Oil Fill             |
| 24   | 56508454   | 1   | Thermostat Kit           |
| 25   | 56508487   | 1   | Oil Filter Cartridge     |
| 26   | 56510973   | 1   | Pulley-Crankshaft        |
| 27   | 2-00-06354 | 1   | Crank/Rpm Sensor         |

ENGINE ASSY - DIESEL



ENGINE ASSY - DIESEL

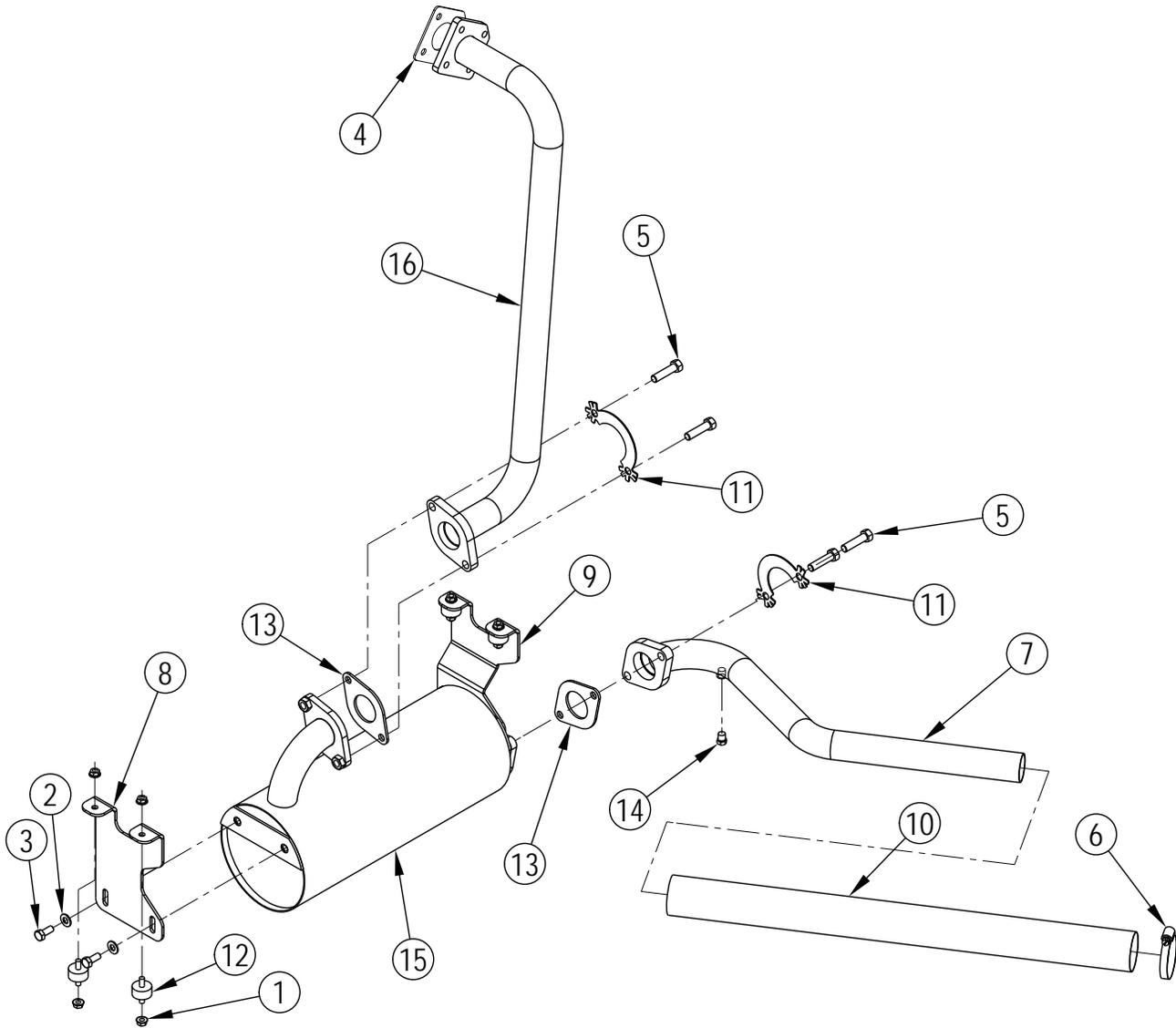
| Item | Ref. No.       | Qty | Description   | ENGINE REPLACEMENT PARTS |          |   |
|------|----------------|-----|---|--------------------------|----------|---|
| 1    | 56001939       | 3   | Wsh, Flt SAE 5/16                                       |                          |          |   |
| 2    | 56002221       | 2   | Scr, Hex 5/16-18 X 1.00                                 |                          |          |   |
| 3    | 56002701       | 3   | Nut, Hex Nyl Loc 5/16-18                                |                          |          |   |
| 4    | 56002983       | 4   | Scr, Hex 1/2-13 X 2.00                                  | [ ]                      | 56463590 | 1 |
| 5    | 56003416       | 4   | Scr, Hex M8-1.25 X 30mm                                 | [ ]                      | 56110738 | 1 |
| 6    | 56003685       | 4   | Wsh, Nord-Lock M8                                       | [ ]                      | 56419086 | 1 |
| 7    | 56009019       | 6   | Scr, Hex Thd Form 1/4-20 X .38                          | [ ]                      | 56482659 | 1 |
| 8    | 56009115       | 4   | Wsh, Flt Harden .594 x 1.375 x .134                     | [ ]                      | 56508393 | 1 |
| 9    |                | 1   | Muffler Assy-Diesel (see Exhaust Muffler Assy - Diesel) | [ ]                      | 56418718 | 1 |
| 10   | 56108187       | 1   | Fan Guard   | [ ]                      | 56419087 | 1 |
| 11   | 56111255       | 1   | Diesel Engine Assy                                      | [ ]                      | 56419088 | 1 |
| 12   | 56111314       | 1   | Heat Shield   | [ ]                      | 56508489 | 1 |
| 13   | 56111335       | 1   | Hose, Fuel  | [ ]                      | 56419089 | 1 |
| 14   | 56111476       | 1   | Plate, Guard  | [ ]                      | 56419089 | 1 |
| 15   | 56383225       | 1   | Conduit Black .75                                       | [ ]                      | 56508444 | 1 |
| 16   | 56111507       | 1   | Hose, Fuel  | [ ]                      | 56419091 | 1 |
| 18   | 56478685       | 4   | Mount, Rubber   | [ ]                      | 56508490 | 1 |
| 19   | 56482478       | 1   | Cleaner, Air  | [ ]                      | 56508400 | 1 |
| *    | 56482028       | A/R | Air Filter Cartridge Safety                             | [ ]                      | 56111319 | 1 |
| *    | 56482029       | A/R | Air Filter Cartridge Primary                            | [ ]                      | 56111301 | 1 |
| 20   | 56482621       | 1   | Band Assy   | [ ]                      | 56111301 | 1 |
| 21   | 56108183       | 1   | Tank Diesel Assy EU (see Fuel Tank Assy - Diesel)       | [ ]                      | 56111301 | 1 |
| 22   | 56756364       | 4   | Clamp, Hose SAE #4                                      | [ ]                      | 56111312 | 1 |
| 23   | 2-00-05253     | 2   | Clamp, 3/4" Wire, Double                                | [ ]                      | 56508355 | 1 |
| 24   | 56002037       | 1   | Scr, Hex 5/16-18 x .88                                  | [ ]                      | 56419307 | 1 |
| 25   | 56329145       | 1   | Clamp, Hose SAE #24                                     | [ ]                      | 56111320 | 1 |
| 26   | 56413839       | 4   | Clamp, Hose SAE #20                                     | [ ]                      | 56111622 | 1 |
| 27   | 56440213       | 1   | Clamp, Hose SAE #32                                     | [ ]                      | 56111622 | 1 |
| 28   | 7-24-04087     | 1   | Filter Service Indicator 20 WC                          | [ ]                      | 56111623 | 1 |
| 29   | 56002155       | 4   | Scr Hex 1/4-20 X .75                                    | [ ]                      | 56419107 | 1 |
| 30#  | 56002098       | 4   | Wsh Flt SAE 1/4   | [ ]                      | 56501005 | 1 |
| 31#  | <b>DELETED</b> |     |   | [ ]                      | 56501068 | 1 |
| 32   | 56009033       | 1   | Scr Hex Thd Form 1/4-20X.50                             | [ ]                      | 56380140 | 1 |
| 33#  | 56002708       | 1   | Nut Hex Nyl Loc 1/4-20                                  | [ ]                      | 56380142 | 1 |
| 34#  | 56002093       | 1   | Scr Hex 1/4-20 X 1.00                                   | [ ]                      | 56111320 | 1 |
| 35#  | 56009122       | 1   | Wsh Flt .344x.938x.125                                  | [ ]                      | 56380146 | 1 |

ENGINE DIESEL

- Glow Plug Timer
- Alternator 105A
- Fuel Filter Cartridge
- Oil Filter Cartridge
- Alternator Belt
- Fan
- Fan Belt
- Thermostat
- Thermostat Gasket
- Starter Motor
- Oil Pressure Switch
- Temp Switch
- Throttle/Shut Down Assembly
- Governor Controller
- Speed Sensor
- Upper Radiator Hose
- Drain Hose Assy
- Fuel Pump, Electronic
- Strainer, Fuel
- Drive Plate
- Air Intake Hose
- Lower Radiator Hose
- Exhaust Gasket
- Anti-Freeze, 50/50 (2.0 Gal)
- Oil, 10W30 CF (5.5 Qt.)
- Hub Engine
- Pump Housing Assy
- Drive Plate
- Kit Hardware Engine Hub

[ ] = Not Shown

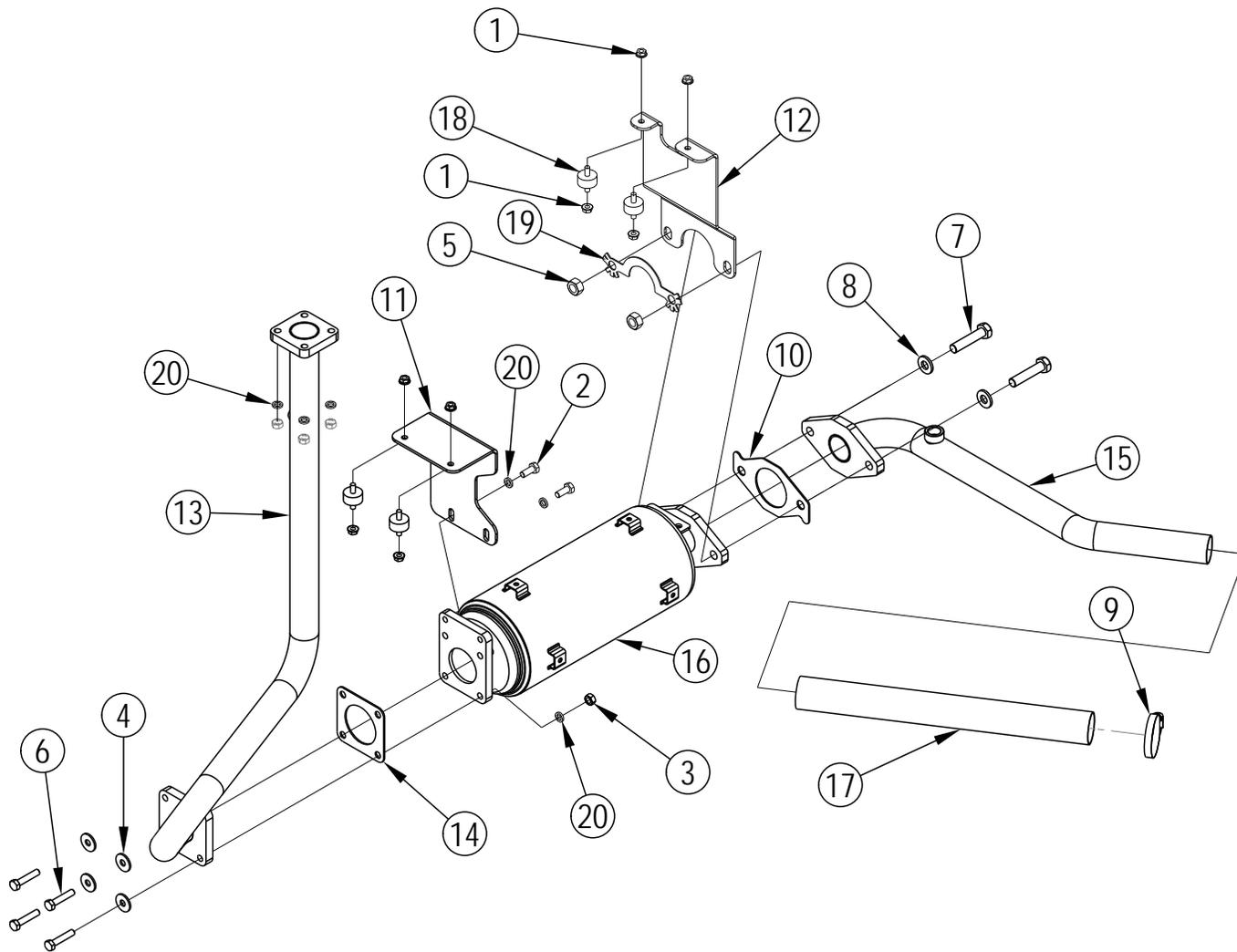
# = Revised or new since last update  
 \* = Optional, Not Included



### EXHAUST MUFFLER ASSY - DIESEL

| Item | Ref. No.   | Qty | Description  |
|------|------------|-----|--|
|      |            | 1   | Muffler Assembly-Diesel (Diesel models only) (Items 1-3, 5-16) |
| 1    | 56001827   | 8   | Nut, Hex Flange Loc 1/4-20                                     |
| 2    | 56001939   | 4   | Wsh, Flt SAE 5/16  |
| 3    | 56002667   | 4   | Scr, Hex 5/16-18 x .75   |
| 4    | 56419107   | 1   | Exhaust Gasket <b>NOTE 1</b>                                   |
| 5    | 56003787   | 4   | Scr, Hex 3/8-24 x 1.50   |
| 6    | 56049999   | 1   | Clamp, Hose SAE #28  |
| 7    | 56110399   | 1   | LP/Petrol Tailpipe Weldt                                       |
| 8    | 56110459   | 1   | Bracket, Muffler   |
| 9    | 56110797   | 1   | Bracket, Muffler   |
| 10   | 56110868   | 1   | Sleeve, Insulation   |
| 11   | 56111634   | 2   | Lock, Screw  |
| 12   | 56305216   | 4   | Stud Mount, Silicone   |
| 13   | 56305549   | 2   | Gasket, Exhaust  |
| 14   | 2-00-03778 | 1   | Plug, 1/8 NPT  |
| 15   | 56110624   | 1   | Muffler  |
| 16   | 56110314   | 1   | Exhaust Tube Weldment  |

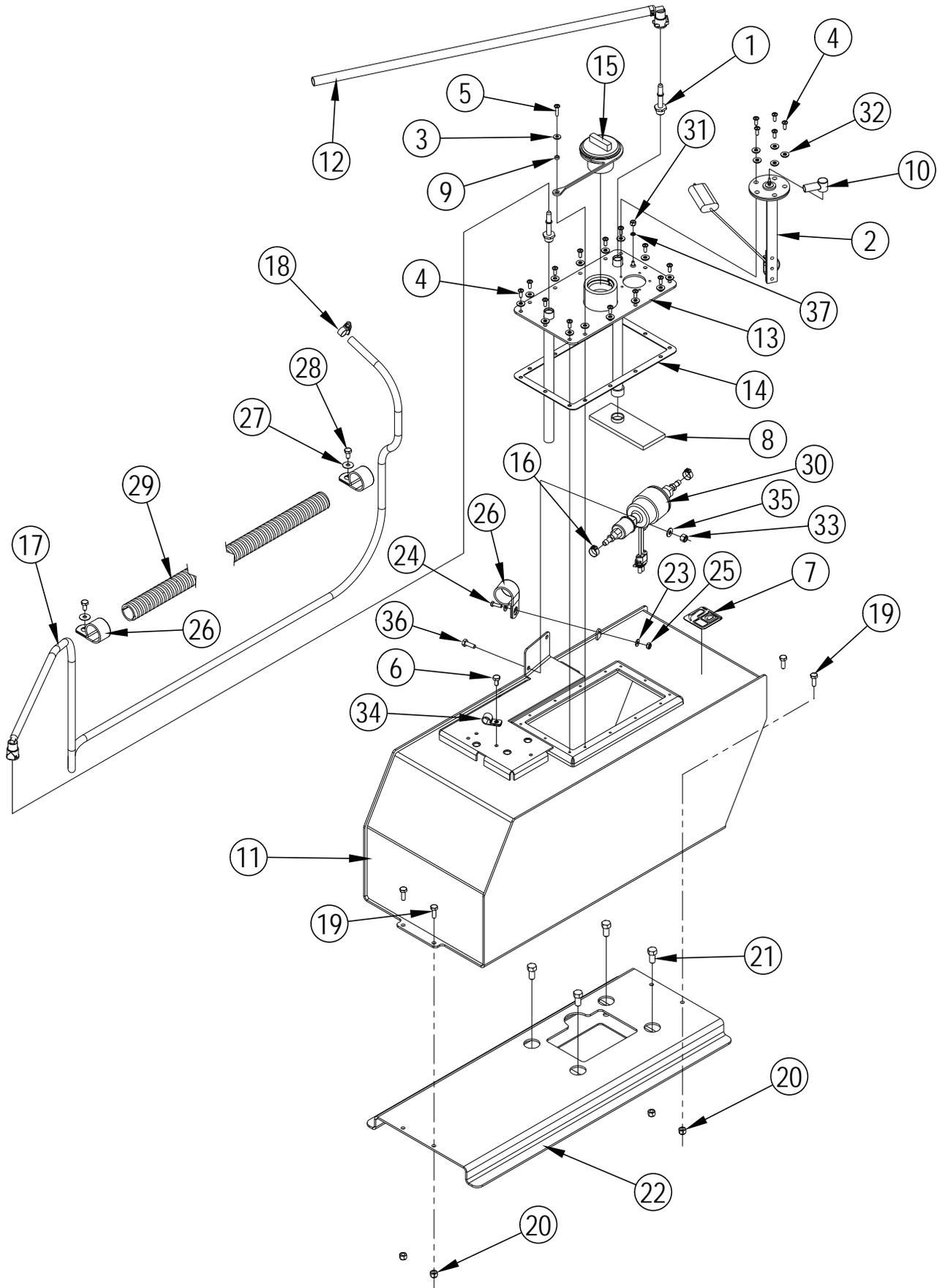
**NOTE 1:** Shipped with the engine.



**EXHAUST CATALYST ASSY - LPG**

| Item | Ref. No. | Qty | Description                       |
|------|----------|-----|-----------------------------------|
|      |          | 1   | Catalyst Assy-LP (Items 1-20)     |
| 1    | 56001827 | 8   | Nut, Hex Flange Loc 1/4-20        |
| 2    | 56003179 | 2   | Scr, Hex Thd To Hd M8-1.25 X 20mm |
| 3    | 56003352 | 4   | Nut-Hex M8-1.25                   |
| 4    | 56003362 | 4   | Wsh, Flt 8mm                      |
| 5    | 56003410 | 2   | Nut-Hex M12-1.75                  |
| 6    | 56003437 | 4   | Scr-Hex SS M8-1.25 X 40mm         |
| 7    | 56003708 | 2   | Scr-Hex M12-1.75 X 55mm           |
| 8    | 56003889 | 2   | Wsh-Flt 12mm                      |
| 9    | 56049999 | 1   | Clamp- Hose SAE #28               |
| 10   | 56107592 | 1   | Gasket-Cat Outlet                 |
| 11   | 56108160 | 1   | Bracket-Muffler LT                |
| 12   | 56108161 | 1   | Bracket-Muffler RT                |
| 13   | 56108164 | 1   | Exhaust Tube Weldment             |
| 14   | 56108174 | 1   | Gasket-Cat Inlet                  |
| 15   | 56108178 | 1   | Tailpipe Weldment                 |
| 16   | 56108181 | 1   | Catalyst-Muffler                  |
| 17   | 56108182 | 1   | Sleeve-Insulation                 |
| 18   | 56305216 | 4   | Stud Mount, Silicone              |
| 19   | 56107616 | 1   | Lock Screw                        |
| 20   | 56003685 | 10  | Wsh-Nord-Lock M8                  |

FUEL TANK ASSY - DIESEL

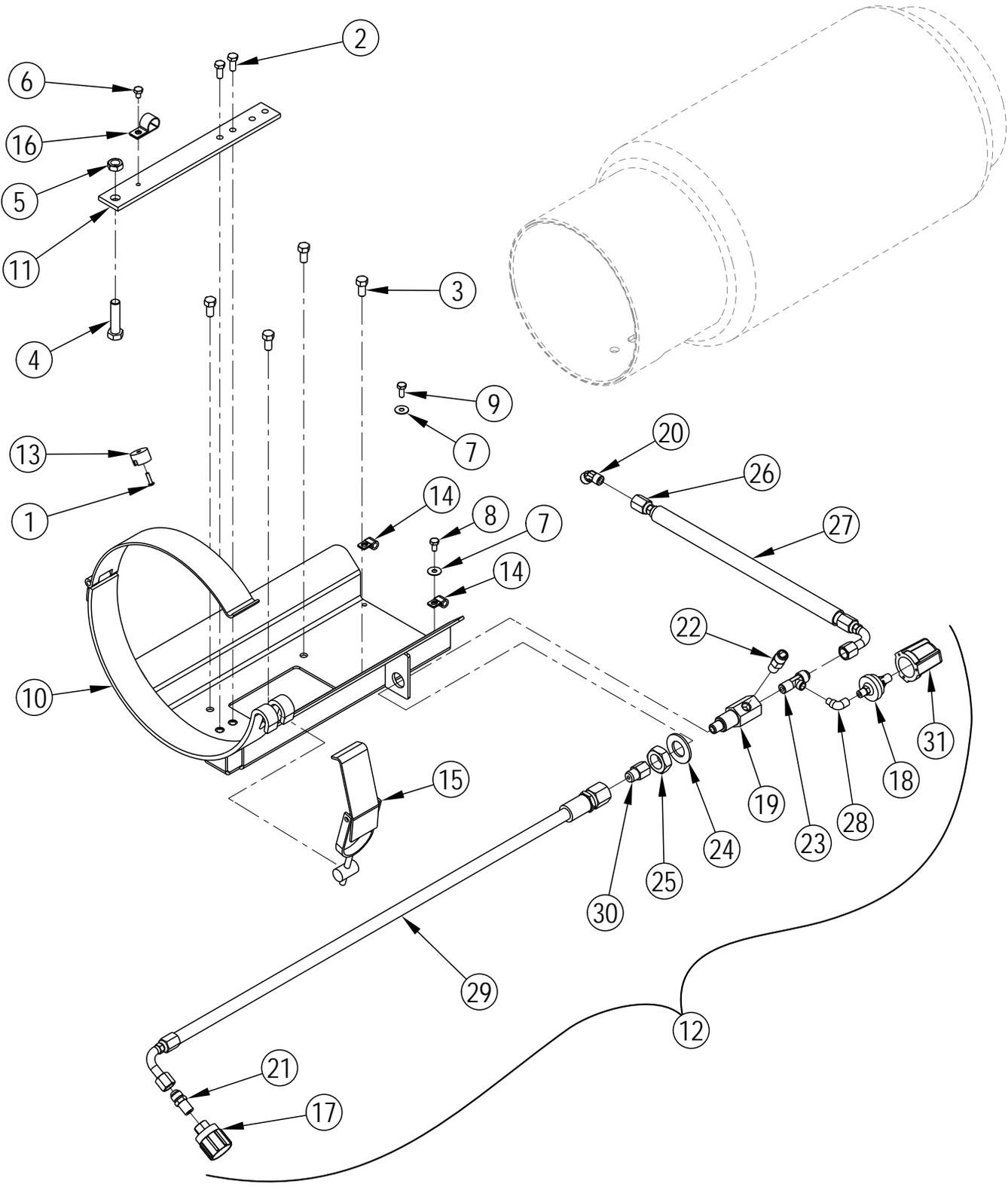


## FUEL TANK ASSY - DIESEL

| Item | Ref. No.   | Qty | Description                               |
|------|------------|-----|---|
|      | 56108183   | 1   | Tank, Diesel Assembly (items 1-16, 31-37) |
| 1    | 7-11-04083 | 2   | -6 SAE X 5/16 Quick Connect Fitting       |
| 2    | 56478358   | 1   | Sender, Fuel Level                        |
| 3    | 56001954   | 1   | Wsh, Flt SAE #10                          |
| 4    | 56001993   | 18  | Scr, Pan Phil 10-24 x .50                 |
| 5    | 56002192   | 1   | Scr, Pan Phil 10-24 x .75                 |
| 6    | 56009033   | 1   | Scr Hex Thd Form 1/4-20X.50               |
| 7    | 56025454   | 1   | Decal, Diesel Fuel                        |
| 8    | 56419307   | 1   | Strainer, Fuel                            |
| 9    | 56454275   | 1   | Bushing, .20 x .31 x .12                  |
| 10   | 56492305   | 1   | Boot, Rubber                              |
| 11   | 56507946   | 1   | Fuel Tank Weldment                        |
| 12   | 56507957   | 1   | Hose Assembly                             |
| 13   | 56508348   | 1   | Cover Plate Weldment                      |
| 14   | 56508349   | 1   | Gasket, Cover                             |
| 15   | 56508354   | 1   | Fuel Cap                                  |
| 16   | 56508515   | 2   | Clamp                                     |
| 17   | 56111325   | 1   | Fuel Hose Assy                            |
| 18   | 56756364   | 1   | Clamp, Hose SAE #4                        |
| 19   | 56002155   | 4   | Scr, Hex 1/4-20 x .75                     |
| 20   | 56002708   | 4   | Nut, Hex Nyl Loc 1/4-20                   |
| 21   | 56003079   | 4   | Scr, Hex Hd Loc 3/8-16 x .75              |
| 22   | 56110475   | 1   | Tank Mount Weldment                       |
| 23   | 56001954   | 2   | Wsh, Flt SAE #10                          |
| 24   | 56002829   | 1   | Scr, Hex 10-24 x .62                      |
| 25   | 56002832   | 1   | Nut, Hex Nyl Loc-Thin 10-24               |
| 26   | 56409463   | 3   | Clamp, 1.25 Hose Support                  |
| 27   | 56009025   | 2   | Wsh, Flt .266 x .750 x .036               |
| 28   | 56009033   | 2   | Scr, Hex Thd Form 1/4-20 x .50            |
| 29   | 56111506   | 1   | Conduit, Hose 1.00                        |
| 30   | 56508355   | 1   | Fuel Pump, Electronic <b>NOTE 1</b>       |
| 31   | 56002808   | 1   | Nut Hex Nyl Loc 8-32                      |
| 32   | 56209261   | 19  | Washer Sealing                            |
| 33   | 56002708   | 1   | Nut Hex Nyl Loc 1/4-20                    |
| 34   | 56486112   | 1   | Clamp P                                   |
| 35   | 56002098   | 1   | Wsh Flt SAE ¼                             |
| 36   | 2-00-00221 | 1   | Scw-Hhc .25-20 X .75 Gr 8 Zn              |
| 37   | 2-00-00506 | 1   | Lk Wash Int Tooth 8 Dia Screw             |

**NOTE 1:** Shipped with the engine.

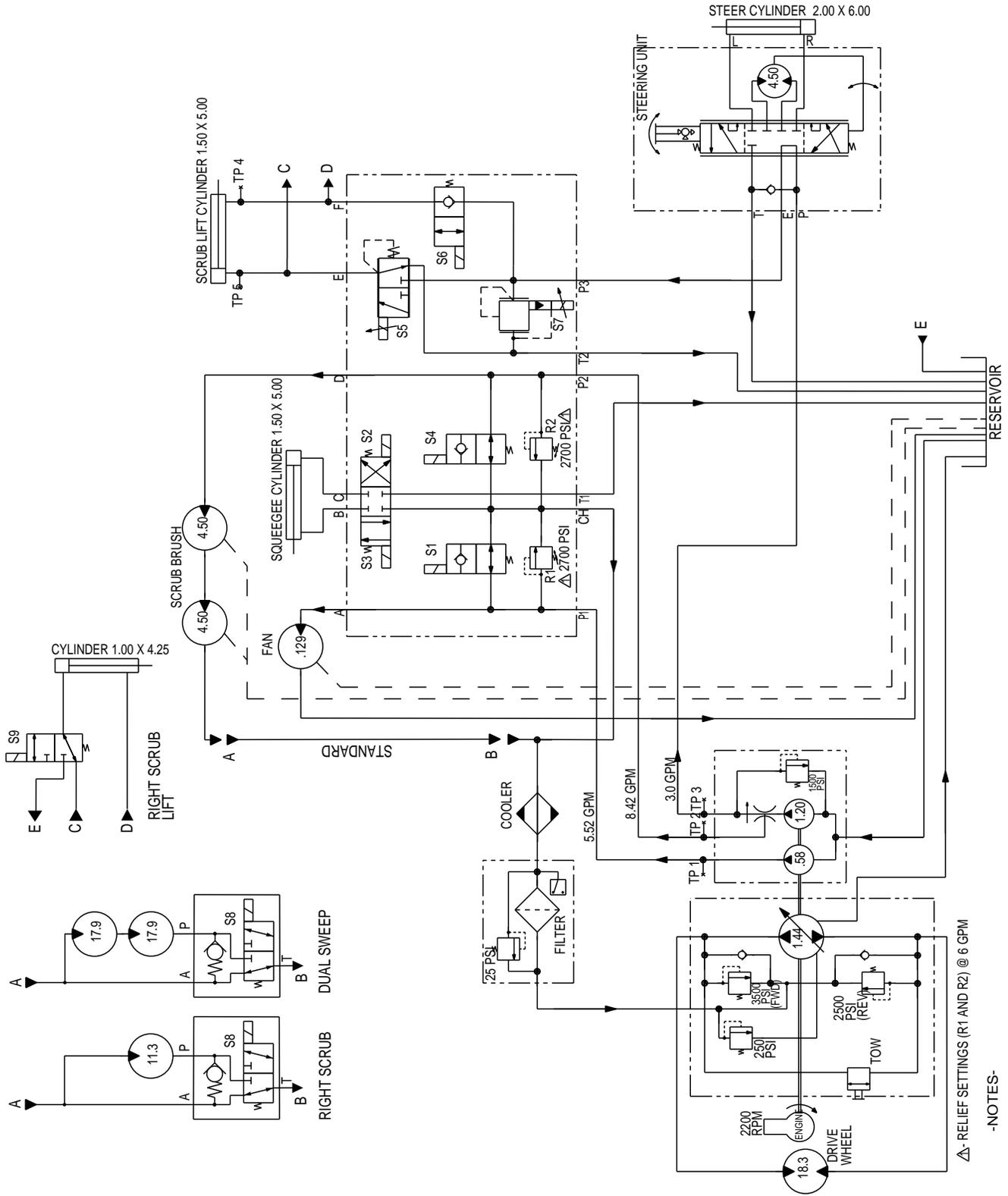
FUEL TANK ASSY - LPG



## FUEL TANK ASSY - LPG

| Item | Ref. No.   | Qty | Description                           |
|------|------------|-----|---------------------------------------|
|      | 56110468   | 1   | LP Tank Bracket Assembly (items 1-16) |
| 1    | 56002146   | 1   | Scr, Pan Phil 8-32 x .62              |
| 2    | 56002956   | 2   | Scr, Hex Hd Loc 5/16-18 x .75         |
| 3    | 56003079   | 4   | Scr, Hex Hd Loc 3/8-16 x .75          |
| 4    | 2-00-04967 | 1   | Scr, HHM 1/2-13 x 2.50 GR5 ZN         |
| 5    | 56009016   | 1   | Nut, Hex Jam 1/2-13                   |
| 6    | 56009019   | 1   | Scr, Hex Thd Form 1/4-20 x .38        |
| 7    | 56009025   | 2   | Wsh, Flt .266 x .750 x .036           |
| 8    | 56009033   | 1   | Scr, Hex Thd Form 1/4-20 x .50        |
| 9    | 56009250   | 1   | Scr, Hex Thd Form 1/4-20 x .62        |
| 10   | 56110469   | 1   | LP Tank Bracket Weldt                 |
| 11   | 56110472   | 1   | Bar                                   |
| 12   | 56110659   | 1   | LP Filter Assembly (items 17-31)      |
| 13   | 56110985   | 1   | Magnet                                |
| 14   | 56323260   | 2   | Clamp, Hose Support                   |
| 15   | 56481997   | 1   | Toggle                                |
| 16   | 2-00-04564 | 1   | Cable Clamp                           |
| 17   | 56369675   | 1   | Coupler, Female                       |
| 18   | 56418381   | 1   | Switch, N.C. Pressure                 |
| 19   | 56418934   | 1   | Fitting, Bulkhead                     |
| 20   | 56456598   | 1   | Elbow, 45 Male 45 Flared              |
| 21   | 56456600   | 1   | Adapter, Male                         |
| 22   | 56456624   | 1   | Vent 1/4 NPT                          |
| 23   | 56900921   | 1   | Tee                                   |
| 24   | 56002228   | 1   | Wsh, Flt SAE 7/8                      |
| 25   | 56002615   | 1   | Nut, Hex Jam 7/8-14                   |
| 26   | 56110660   | 1   | LP Hose Assy                          |
| 27   | 56110661   | 1   | Conduit                               |
| 28   | 56111309   | 1   | Elbow, 90 Street                      |
| 29   | 56111678   | 1   | LP Hose Assy                          |
| 30   | 56305505   | 1   | Adapter, SAE 45 Deg.                  |
| 31   | 56419241   | 1   | Dust Boot                             |

HYDRAULIC SCHEMATIC

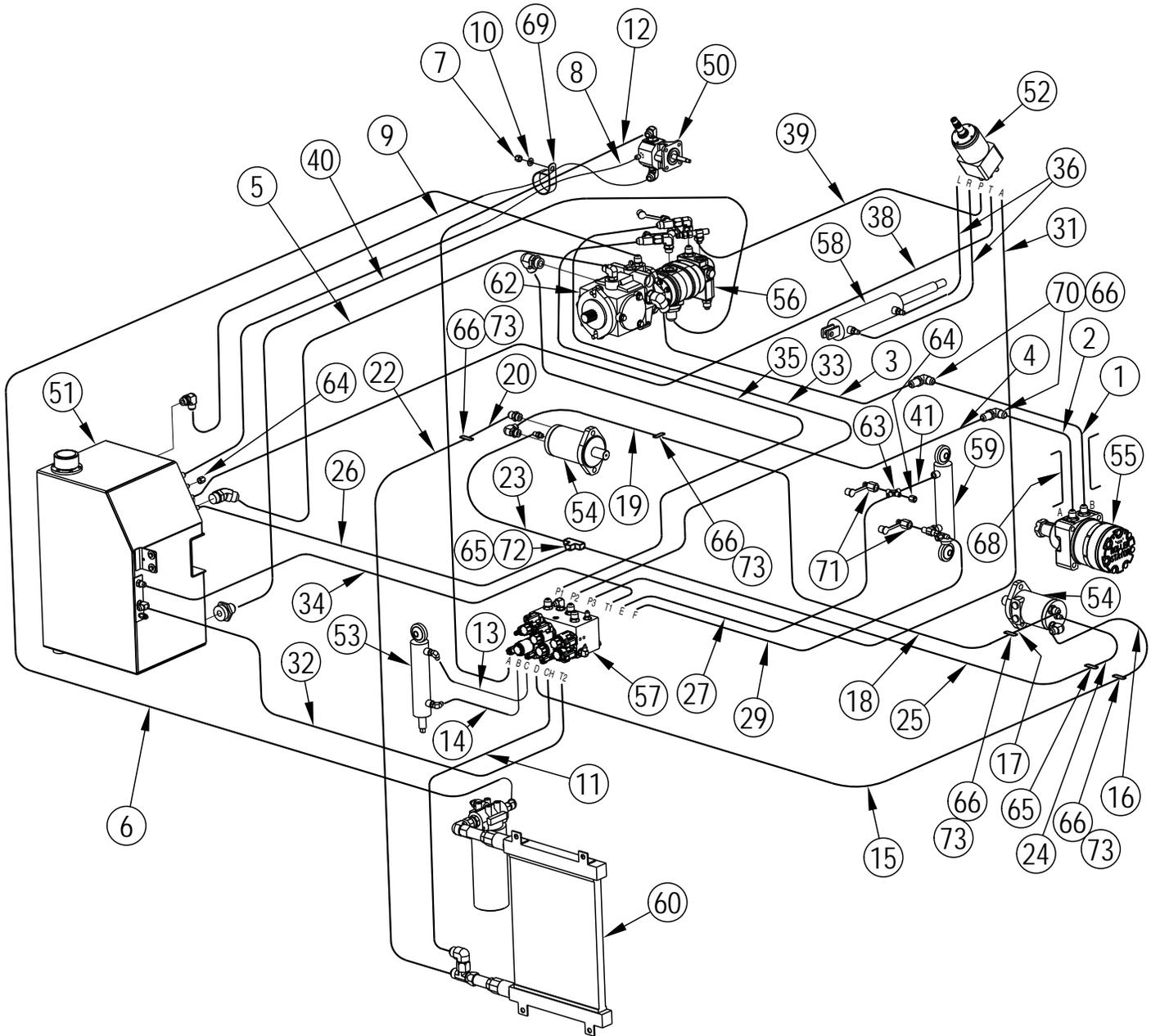


△- RELIEF SETTINGS (R1 AND R2) @ 6 GPM

-NOTES-

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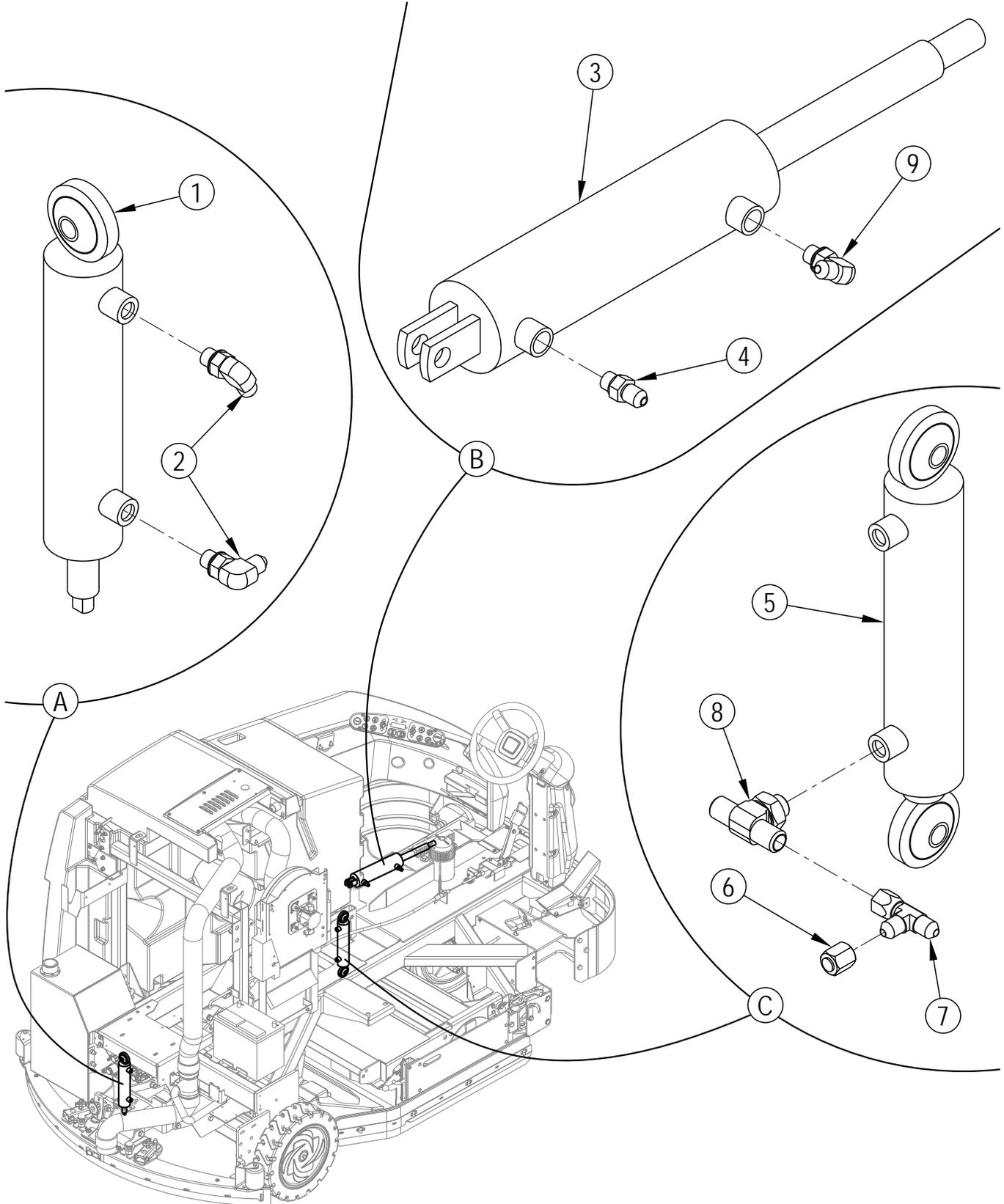
HYDRAULIC SYSTEM



## HYDRAULIC SYSTEM

| Item | Ref. No. | Qty | Description             | Item | Ref. No. | Qty | Description   |
|------|----------|-----|-------------------------|------|----------|-----|---|
| 1    | 56110670 | 1   | Hose Assy               | 50   | NA       | 1   | Fan Motor Assembly<br>(see Hydraulic Motor Assemblies)          |
| 2    | 56110705 | 1   | Hose Assy               | 51   | NA       | 1   | Reservoir Assy<br>(see Hydraulic Oil Cooler - Reservoir)        |
| 3    | 56110671 | 1   | Hose Assy               | 52   | NA       | 1   | Steering Pump Assy<br>(see Hydraulic Motor Assemblies)          |
| 4    | 56110672 | 1   | Hose Assy               | 53   | NA       | 1   | Squeegee Cylinder Assy<br>(see Hydraulic Cylinder Assemblies)   |
| 5    | 56110673 | 1   | Hose Assy               | 54   | NA       | 2   | Hydraulic Motor Assy<br>(see Hydraulic Motor Assemblies)        |
| 6    | 56108204 | 1   | Hose Assy               | 55   | NA       | 1   | Drive Motor Assy<br>(see Hydraulic Motor Assemblies)            |
| 7    | 56002769 | 1   | Nut, Hex Nyl Loc 3/8-16 | 56   | NA       | 1   | Pump Assembly, Low Speed<br>(see Hydraulic Pump Assemblies)     |
| 8    | 56110676 | 1   | Hose Assy               | 57   | NA       | 1   | Valve Block Assy<br>(see Hydraulic Valve Block Assy)            |
| 9    | 56110677 | 1   | Hose Assy               | 58   | NA       | 1   | Cylinder Assembly, Steer<br>(see Hydraulic Cylinder Assemblies) |
| 10   | 56002063 | 1   | Wsh Flt SAE 3/8         | 59   | NA       | 1   | Scrub Lift Cyl. Assy<br>(see Hydraulic Cylinder Assemblies)     |
| 11   | 56110679 | 1   | Hose Assy               | 60   | NA       | 1   | Oil Cooler Assy<br>(see Hydraulic Oil Cooler - Reservoir)       |
| 12   | 56110680 | 1   | Hose Assy               | 61   |          |     | Intentionally Omitted   |
| 13   | 56110681 | 1   | Hose Assy               | 62   | NA       | 1   | Pump Assembly (see Hydraulic Pump Assemblies)                   |
| 14   | 56110682 | 1   | Hose Assy               | 63   | 56111164 | 1   | Union Cross   |
| 15   | 56110683 | 1   | Hose Assy               | 64   | 56111165 | 2   | End Cap, Flare Tube   |
| 16   | 56110684 | 1   | Hose Assy               | 65   | 56418744 | 2   | Locknut, Bulkhead   |
| 17   | 56110685 | 1   | Hose Assy               | 66   | 56418745 | 8   | Locknut, Bulkhead   |
| 18   | 56110686 | 1   | Hose Assy               | 68   | 56463427 | 1   | Sleeve, Nylon   |
| 19   | 56110687 | 1   | Hose Assy               | 69   | 56315257 | 1   | Clamp, P  |
| 20   | 56110688 | 1   | Hose Assy               | 70   | 56900404 | 2   | Elbow, 90 Bulkhead Union  |
| 22   | 56110690 | 1   | Hose Assy               | 71   | 56900906 | 2   | Nipple, Test  |
| 23   | 56110691 | 1   | Hose Assy               | 72   | 56900927 | 1   | Tee, Bulkhead Run   |
| 24   | 56110692 | 1   | Hose Assy               | 73   | 56002139 | 4   | Wsh, Int Shprf 3/4  |
| 25   | 56110693 | 1   | Hose Assy               |      |          |     |   |
| 26   | 56110694 | 1   | Hose Assy               |      |          |     |   |
| 27   | 56110695 | 1   | Hose Assy               |      |          |     |   |
| 29   | 56110697 | 1   | Hose Assy               |      |          |     |   |
| 31   | 56110699 | 1   | Hose Assy               |      |          |     |   |
| 32   | 56110700 | 1   | Hose Assy               |      |          |     |   |
| 33   | 56110701 | 1   | Hose Assy               |      |          |     |   |
| 34   | 56110702 | 1   | Hose Assy               |      |          |     |   |
| 35   | 56110703 | 1   | Hose Assy               |      |          |     |   |
| 36   | 56110704 | 2   | Hose Assy               |      |          |     |   |
| 38   | 56110706 | 1   | Hose Assy               |      |          |     |   |
| 39   | 56110707 | 1   | Hose Assy               |      |          |     |   |
| 40   | 56110708 | 1   | Hose Assy               |      |          |     |   |
| 41   | 56110739 | 1   | Hose Assy               |      |          |     |   |

HYDRAULIC CYLINDER ASSEMBLIES

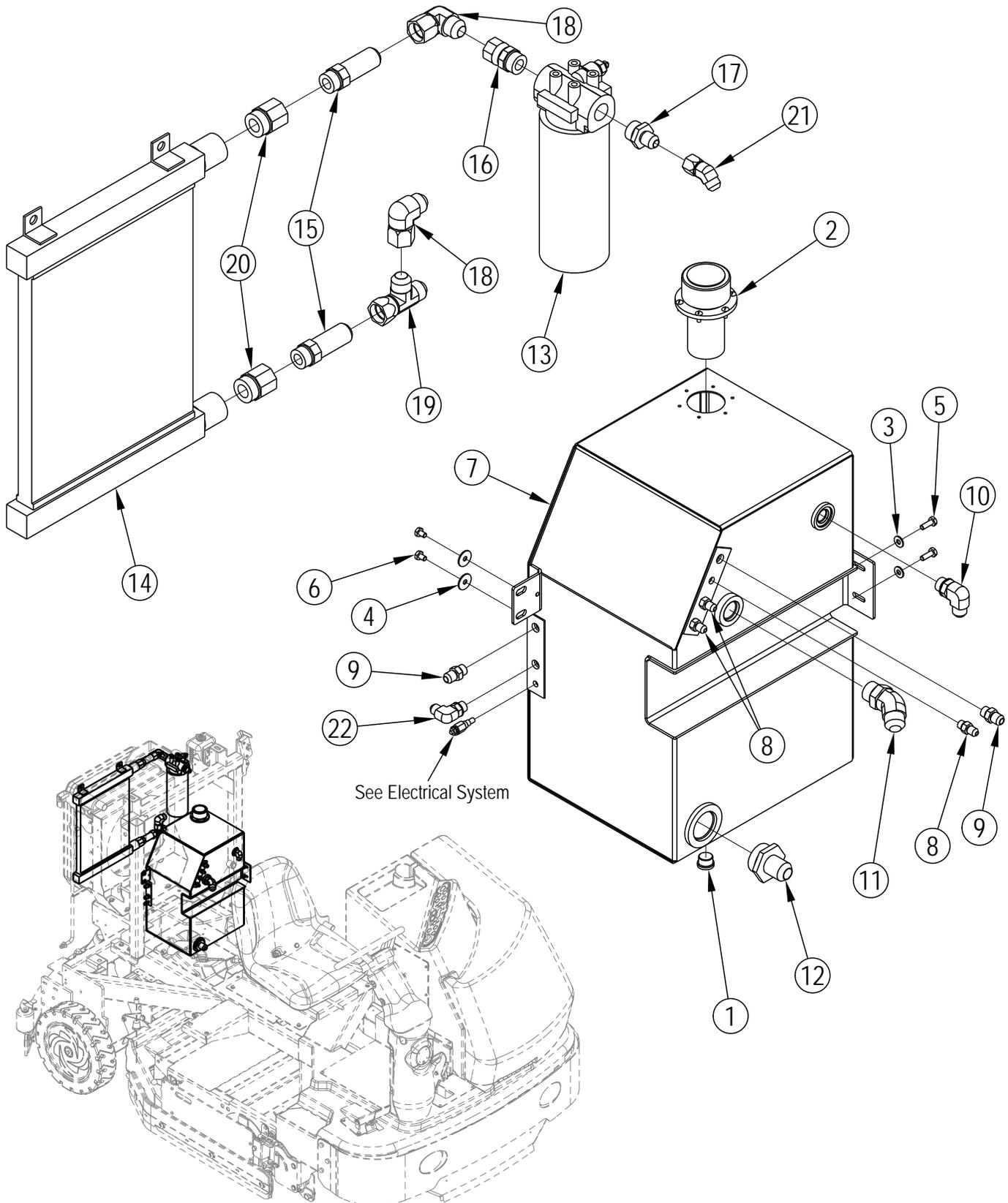


## HYDRAULIC CYLINDER ASSEMBLIES

| Item     | Ref. No. | Qty | Description                                    |
|----------|----------|-----|--|
| <b>A</b> | NA       | 1   | Squeegee Cylinder Assy <b>(items 1-2)</b>      |
| 1        | 56110262 | 1   | Cylinder, Hydraulic 1.5 x 5                    |
| *        | 56305702 | 1   | Seal Kit for 56110262                          |
| 2        | 56900101 | 2   | Elbow, 90 O-Ring                               |
| <b>B</b> | NA       | 1   | Cylinder Assembly, Steer <b>(items 3-4, 9)</b> |
| 3        | 56304933 | 1   | Cylinder, Hydraulic 2 x 6                      |
| *        | 56488723 | 1   | Seal Kit for 56304933                          |
| 4        | 56900001 | 1   | Connector, O-Ring                              |
| 9        | 56900101 | 1   | Elbow, 90 O-Ring                               |
| <b>C</b> | NA       | 1   | Scrub Lift Cyl. Assy <b>(items 5-8)</b>        |
| 5        | 56110370 | 1   | Cylinder, Hydraulic 1.50 x 5.00                |
| *        | 56110723 | 1   | Seal Kit for 56110370                          |
| 6        | 56111165 | 1   | End Cap, Flare Tube                            |
| 7        | 56900341 | 1   | Tee, Run W/Nut                                 |
| 8        | 56900356 | 1   | Tee, Branch O-Ring                             |

\* = Optional, Not Included

### HYDRAULIC OIL COOLER - RESERVOIR

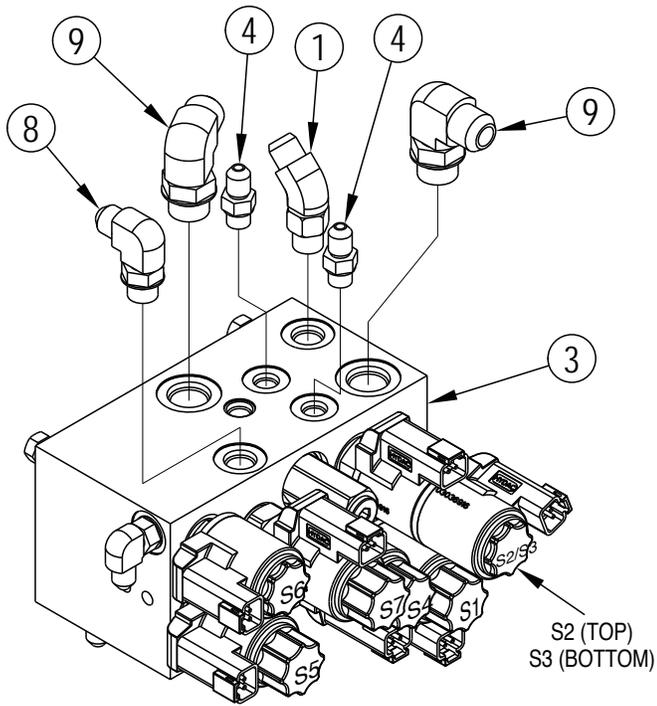


## HYDRAULIC OIL COOLER - RESERVOIR

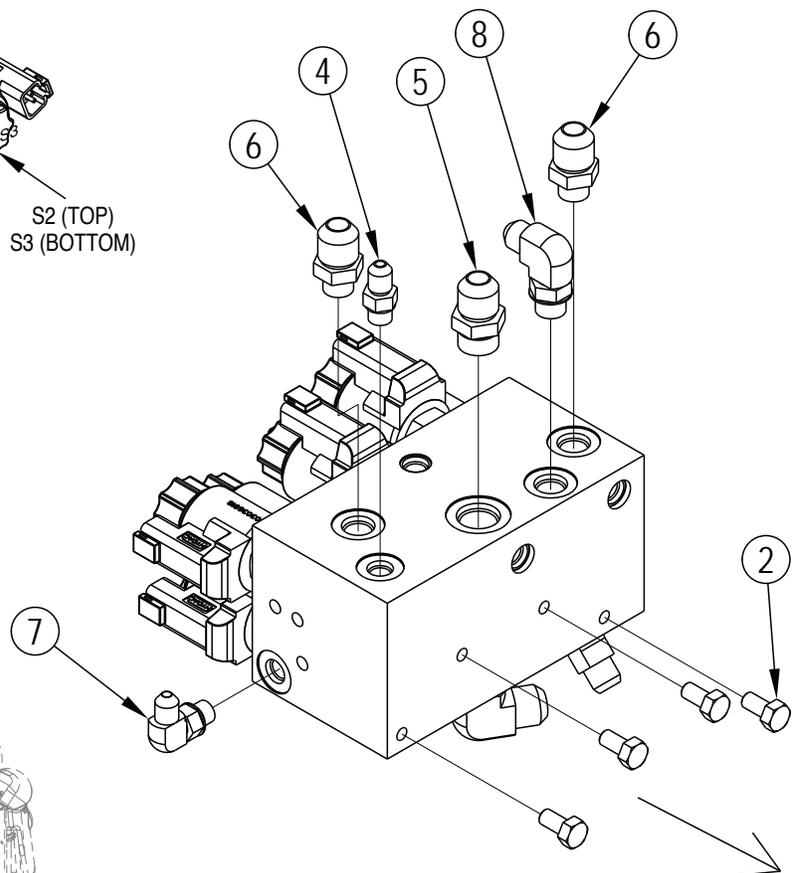
| Item | Ref. No. | Qty | Description                         |
|------|----------|-----|-------------------------------------|
|      | NA       | 1   | Reservoir Assembly (items 1-12, 22) |
| 1    | 56463403 | 1   | Plug, Hex Soc O-Ring                |
| 2    | 56479656 | 1   | Cap, Filler                         |
| 3    | 56002098 | 2   | Wsh, Flt SAE 1/4                    |
| 4    | 56009002 | 2   | Wsh, Flt .266 X .906 X .060         |
| 5    | 56009018 | 2   | Scr, Hex Thd Form 1/4-20 X .75      |
| 6    | 56009019 | 2   | Scr, Hex Thd Form 1/4-20 X .38      |
| 7    | 56110170 | 1   | Reservoir Weldment                  |
| 8    | 56900001 | 3   | Connector, O-Ring                   |
| 9    | 56900003 | 2   | Connector, O-Ring                   |
| 10   | 56900104 | 1   | Elbow, 90 O-Ring                    |
| 11   | 56900156 | 1   | Elbow, 45 O-Ring W/Nut              |
| 12   | 56900451 | 1   | Connector, O-Ring                   |
| 22   | 56900103 | 1   | Elbow, 90 O-Ring                    |
|      | 56110665 | 1   | Oil Cooler Assembly (items 13-21)   |
| 13   | 56456449 | 1   | Filter, Oil                         |
| *    | 56496209 | A/R | Replacement Filter                  |
| 14   | 56463678 | 1   | Cooler, Oil                         |
| 15   | 56110978 | 2   | Fitting, Long Straight              |
| 16   | 56110981 | 1   | Fitting, Swivel Str                 |
| 17   | 56900016 | 1   | Connector, O-Ring                   |
| 18   | 56900306 | 2   | Elbow, 90 W/Nut                     |
| 19   | 56900346 | 1   | Tee, Run W/Nut                      |
| 20   | 56900608 | 2   | Reducer, O-Ring                     |
| 21   | 56900324 | 1   | Elbow, 45 W/Nut                     |

\* = Optional, Not Included

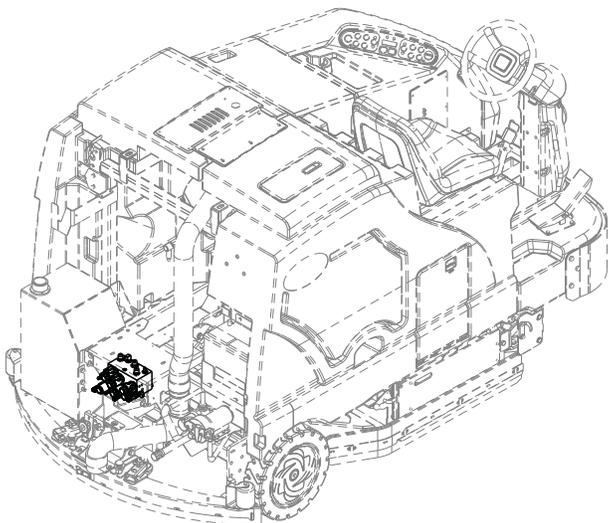
### HYDRAULIC VALVE BLOCK ASSY



BOTTOM VIEW



FRONT OF MACHINE

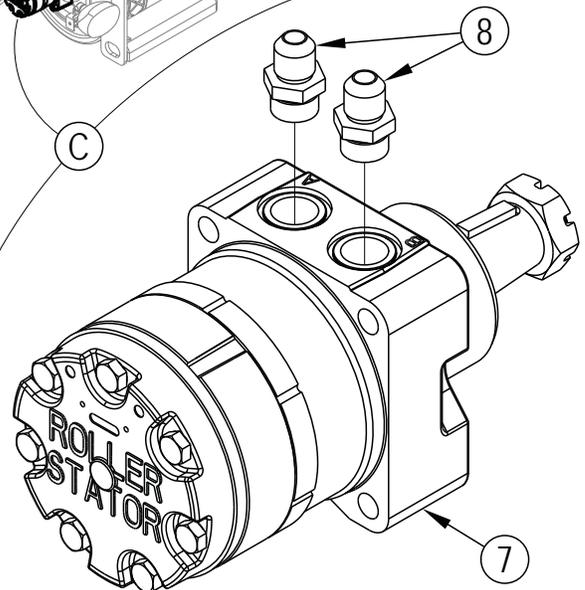
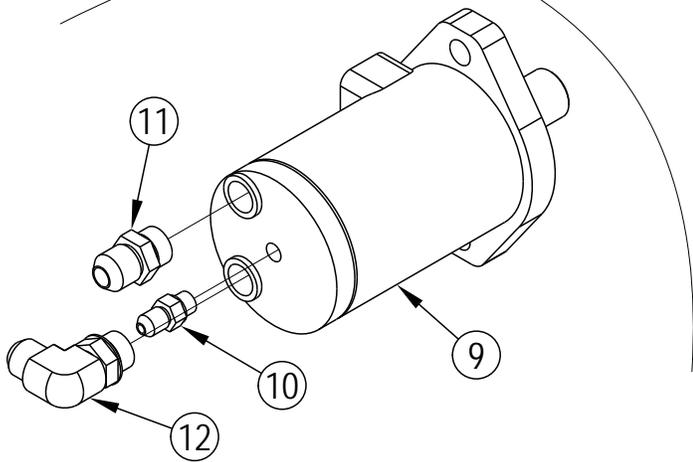
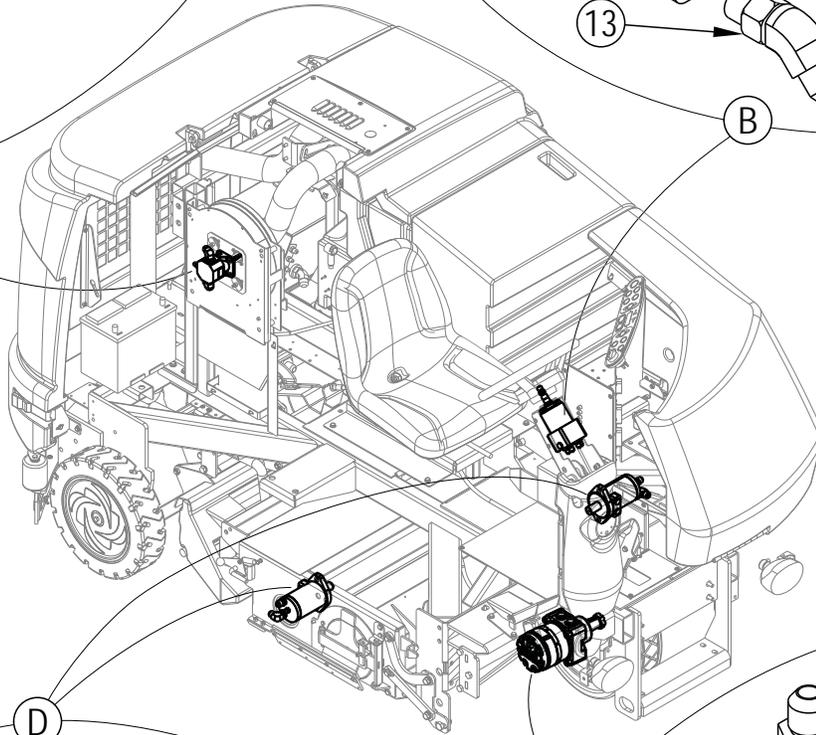
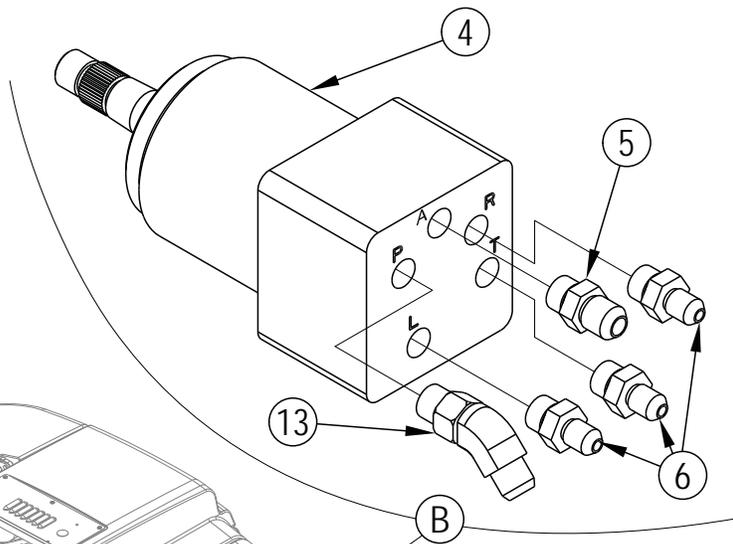
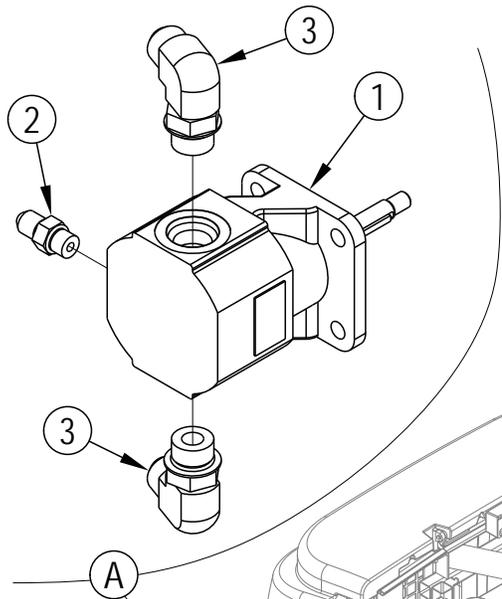


## HYDRAULIC VALVE BLOCK ASSY

| Item | Ref. No. | Qty | Description                          |
|------|----------|-----|--------------------------------------|
| 1    | 56900153 | 1   | Elbow, 45 O-Ring W/Nut               |
| 2    | 56002929 | 4   | Scr, Hex Hd Loc 5/16-18 x .62        |
| 3    | 56110271 | 1   | Valve Block, Hydraulic               |
| *    | 56110717 | A/R | Valve Cartridge S2/S3                |
| *    | 56110718 | A/R | Valve Cartridge S6                   |
| *    | 56110719 | A/R | Valve Cartridge S1, S4               |
| *    | 56110720 | A/R | Proportioning Cartridge S7           |
| *    | 56110721 | A/R | Proportioning Relieving Cartridge S5 |
| *    | 56419397 | A/R | Relief Cartridge 2                   |
| *    | 56111194 | A/R | Relief Cartridge 7                   |
| *    | 56110712 | A/R | Coil S1, S2, S3, S4, S6              |
| *    | 56110716 | A/R | Coil S5, S7                          |
| *    | 56305348 | A/R | Seal Kit S2/S3                       |
| *    | 56305354 | A/R | Seal Kit S6, S7, Relief 2            |
| *    | 56111198 | A/R | Seal Kit S1, S4                      |
| *    | 56305349 | A/R | Seal Kit S5                          |
| *    | 56305822 | A/R | Seal Kit Relief 7                    |
| 4    | 56900001 | 3   | Connector, O-Ring                    |
| 5    | 56900004 | 1   | Connector, O-Ring                    |
| 6    | 56900020 | 2   | Connector, O-Ring                    |
| 7    | 56900101 | 1   | Elbow, 90 O-Ring                     |
| 8    | 56900103 | 2   | Elbow, 90 O-Ring                     |
| 9    | 56900104 | 2   | Elbow, 90 O-Ring                     |

\* = Optional, Not Included

HYDRAULIC MOTOR ASSEMBLIES

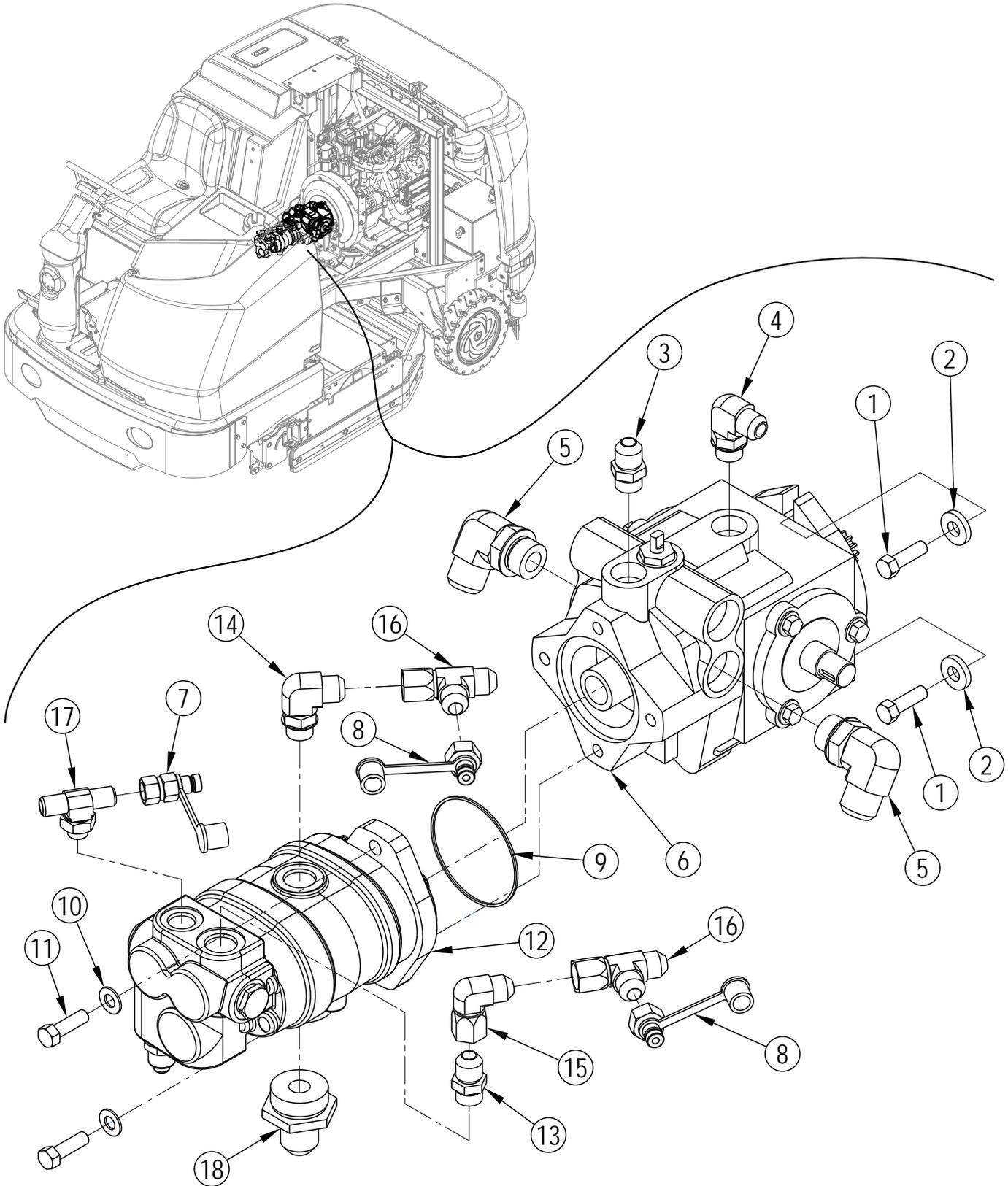


## HYDRAULIC MOTOR ASSEMBLIES

| Item | Ref. No. | Qty | Description                            |
|------|----------|-----|--|
| A    | NA       | 1   | Fan Motor Assembly (items 1-3)         |
| 1    | 56110061 | 1   | Motor, Hydraulic .129 Cir              |
| *    | 56418823 | 1   | Seal Kit for 56110061                  |
| 2    | 56900001 | 1   | Connector, O-Ring                      |
| 3    | 56900104 | 2   | Elbow, 90 O-Ring                       |
| B    | NA       | 1   | Steering Pump Assembly (items 4-6, 13) |
| 4    | 56111518 | 1   | Steering Pump                          |
| *    | 56419521 | 1   | Seal Kit for 56111518                  |
| 5    | 56900003 | 1   | Connector, O-Ring                      |
| 6    | 56900011 | 3   | Connector, O-Ring                      |
| 13   | 56900153 | 1   | Elbow, 45 O-Ring W/Nut                 |
| C    | NA       | 1   | Drive Motor Assembly (items 7-8)       |
| 7    | 56110351 | 1   | Motor, Traction Drive                  |
| *    | 56507618 | 1   | Seal Kit for 56110351                  |
| 8    | 56900015 | 2   | Connector, O-Ring                      |
| D    | 56110339 | 1   | Hydraulic Motor Assembly (items 9-12)  |
| 9    | 56497525 | 1   | Motor, Main Broom                      |
| *    | 56479577 | 1   | Seal Kit for 56497525                  |
| *    | 56307149 | 1   | Viton Seal Kit for 56497525            |
| 10   | 56900001 | 1   | Connector, O-Ring                      |
| 11   | 56900004 | 1   | Connector, O-Ring                      |
| 12   | 56900104 | 1   | Elbow, 90 O-Ring                       |

\* = Optional, Not Included

HYDRAULIC PUMP ASSEMBLIES

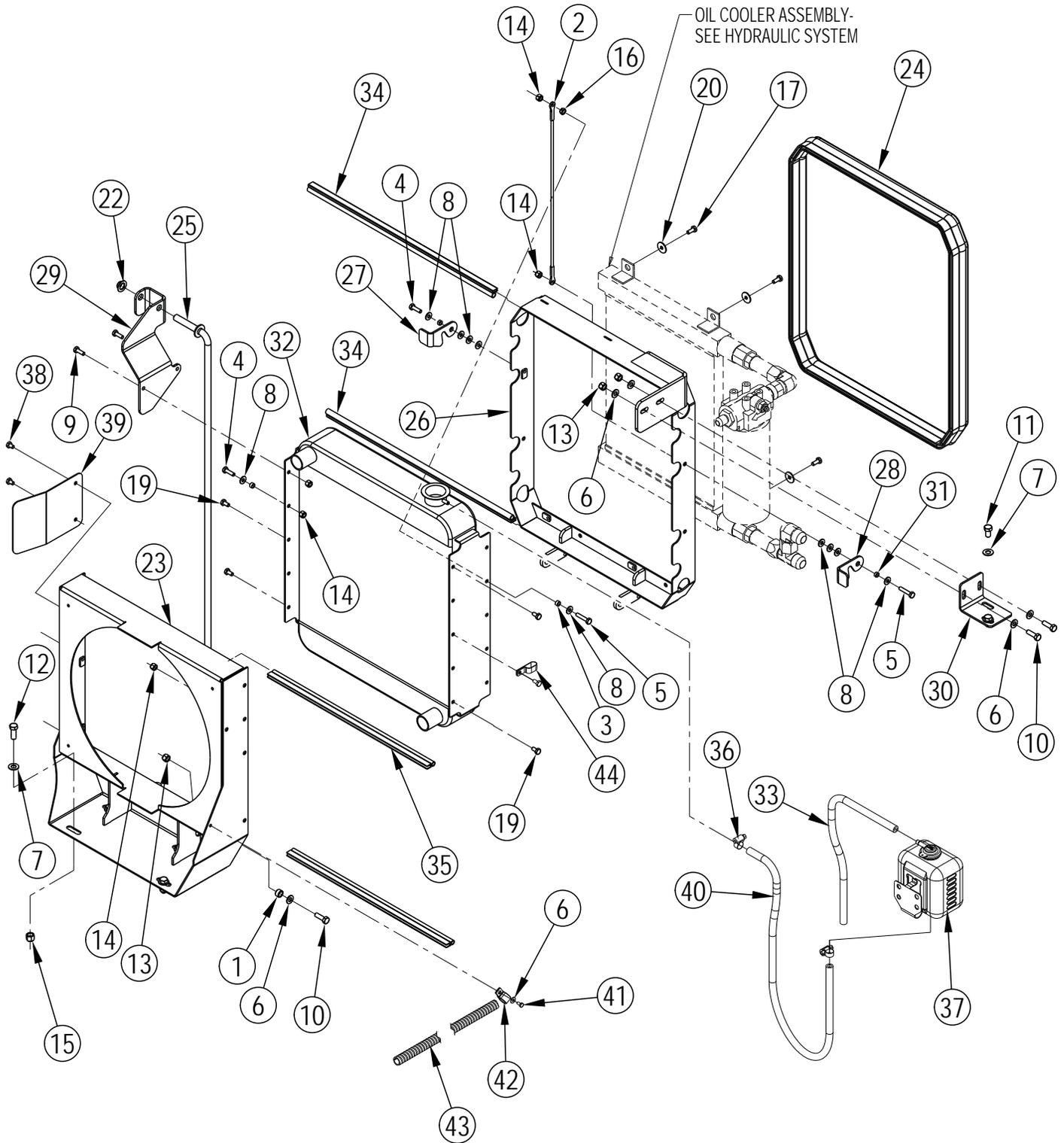


## HYDRAULIC PUMP ASSEMBLIES

| Item | Ref. No. | Qty | Description                          |
|------|----------|-----|--------------------------------------|
|      | NA       | 1   | Pump Assembly (items 1-6)            |
| 1    | 56003029 | 2   | Scr, Hex Hd Loc 3/8-16 x 1.25        |
| 2    | 56009106 | 2   | Wsh, Flt .453 x 1.000 x .179         |
| 3    | 56900004 | 1   | Connector, O-Ring                    |
| 4    | 56900104 | 1   | Elbow, 90 O-Ring                     |
| 5    | 56900106 | 2   | Elbow, 90 O-Ring                     |
| 6    | 56304112 | 1   | Pump, Piston                         |
| *    | 56305360 | A/R | Seal Kit for 56304112                |
| *    | 56111605 | A/R | Relief Valve for 56304112            |
|      | NA       | 1   | Pump Assembly Low Speed (items 7-18) |
| 7    | 56418865 | 1   | Coupling, #6 Test Port               |
| 8    | 56418866 | 2   | Coupling, #8 Test Port               |
| 9    | 56488002 | 1   | O-Ring                               |
| 10   | 56002063 | 2   | Wsh, Flt SAE 3/8                     |
| 11   | 56003029 | 2   | Scr, Hex Hd Loc 3/8-16 x 1.25        |
| 12   | 56110371 | 1   | Pump, Dual Low Speed                 |
| *    | 56418987 | A/R | Seal Kit for 56110371                |
| *    | 56111496 | A/R | Relief Cartridge for 56110371        |
| 13   | 56900004 | 1   | Connector, O-Ring                    |
| 14   | 56900104 | 1   | Elbow, 90 O-Ring                     |
| 15   | 56900304 | 1   | Elbow, 90 W/Nut                      |
| 16   | 56900344 | 2   | Tee, Run W/Nut                       |
| 17   | 56900353 | 1   | Tee, Branch O-Ring                   |
| 18   | 56900451 | 1   | Connector, O-Ring                    |

\* = Optional, Not Included

RADIATOR ASSY

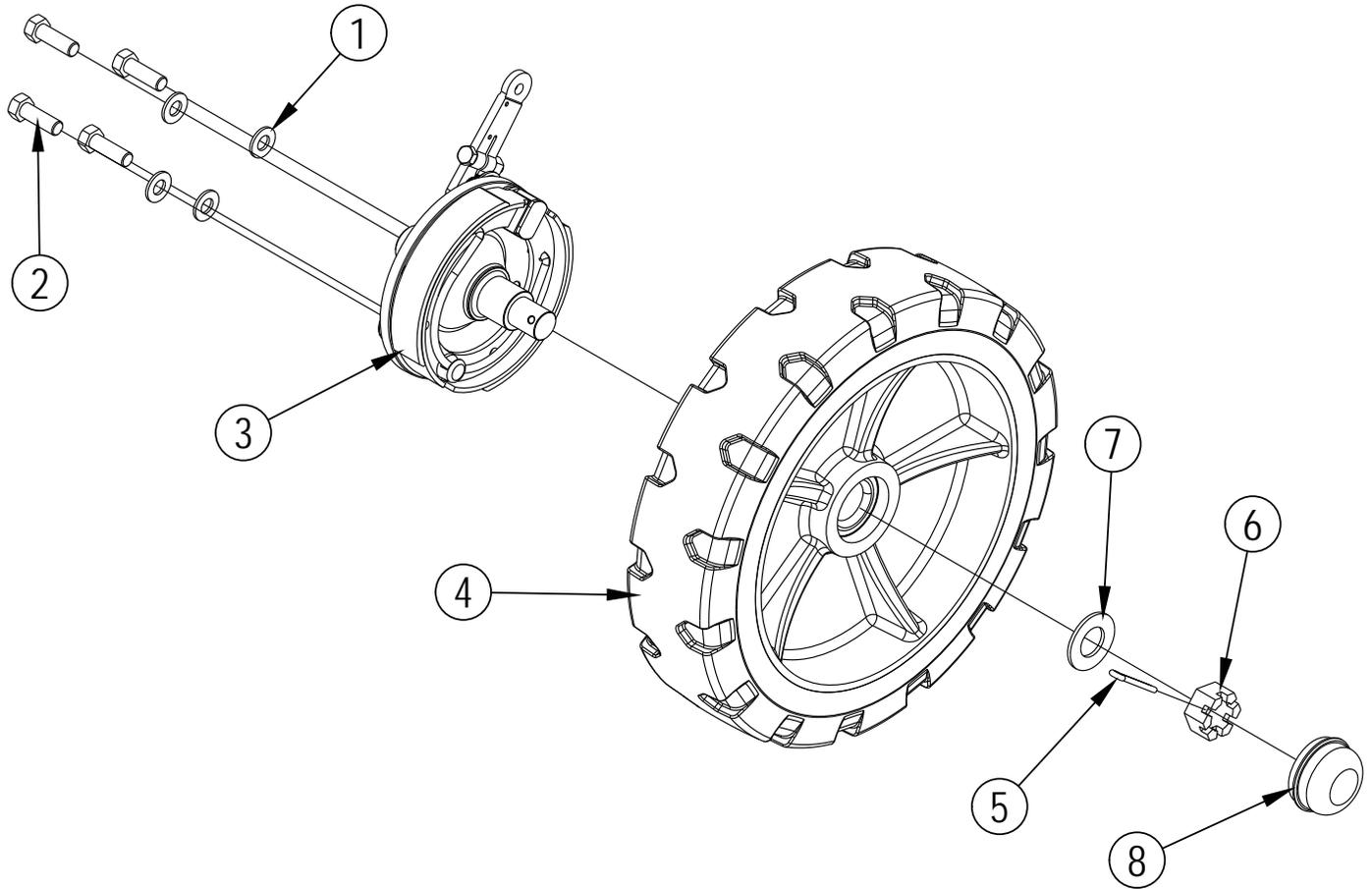


## RADIATOR ASSY

| Item | Ref. No.   | Qty | Description                    |
|------|------------|-----|--------------------------------|
| 1    | 56232181   | 2   | Bushing                        |
| 2    | 56108194   | 1   | Cable                          |
| 3    | 56368997   | 2   | Bushing                        |
| 4    | 56001821   | 2   | Scr, Hex 1/4-20 x .88          |
| 5    | 56001878   | 2   | Scr, Hex 1/4-20 x 1.25         |
| 6    | 56001939   | 6   | Wsh, Flt SAE 5/16              |
| 7    | 56002063   | 10  | Wsh, Flt SAE 3/8               |
| 8    | 56002098   | 10  | Wsh, Flt SAE 1/4               |
| 9    | 56002155   | 2   | Scr, Hex 1/4-20 x .75          |
| 10   | 56002221   | 4   | Scr, Hex 5/16-18 x 1.00        |
| 11   | 56002234   | 2   | Scr, Hex 3/8-16 x .62          |
| 12   | 56002663   | 4   | Scr, Hex 3/8-16 x 1.00         |
| 13   | 56002701   | 4   | Nut, Hex Nyl Loc 5/16-18       |
| 14   | 56002708   | 5   | Nut, Hex Nyl Loc 1/4-20        |
| 15   | 56002769   | 4   | Nut, Hex Nyl Loc 3/8-16        |
| 16   | 56002840   | 1   | Nut, Hex Nyl Loc-Thin 1/4-20   |
| 17   | 56002922   | 4   | Scr, Hex Hd Loc 1/4-20 x .62   |
| 19   | 56003039   | 5   | Scr, Hex Hd Loc 1/4-20 x .50   |
| 20   | 56009002   | 4   | Wsh, Flt .266 x .906 x .060    |
| 22   | 56009097   | 1   | Nut, Push Cap 1/2              |
| 23   | 56110242   | 1   | Fan Shroud Weldment            |
| 24   | 56110656   | 1   | Gasket, Radiator               |
| 25   | 56110966   | 1   | Prop Rod Weldt                 |
| 26   | 56111233   | 1   | Oil Cooler Mnt Weldt           |
| 27   | 56111237   | 1   | Latch, Oil Cooler-Rt           |
| 28   | 56111238   | 1   | Latch, Oil Cooler-Lt           |
| 29   | 56111245   | 1   | Bracket, Hood Prop             |
| 30   | 56111530   | 1   | Bracket, Oil Filter            |
| 31   | 56163872   | 2   | Bushing                        |
| 32   | 56305316   | 1   | Radiator                       |
| *    | 56456431   | 1   | Cap, Radiator                  |
| 33   | 56305443   | 1   | Hose (20")                     |
| 34   | 56305502   | 2   | Trim-Seal, Raw                 |
| 35   | 56418955   | 2   | Gasket                         |
| 36   | 56756364   | 2   | Clamp, Hose SAE #4             |
| 37   | 7-07-02002 | 1   | Over-Flow Bottle, 1.0 L        |
| 38   | 56009019   | 2   | Scr, Hex Thd Form 1/4-20 x .38 |
| 39   | 56111735   | 1   | Plate, Shield                  |
| 40   | 56108205   | 1   | Hose (22")                     |
| 41   | 56009033   | 1   | Scr Hex Thd Form 1/4-20X.50    |
| 42   | 56496276   | 1   | Clamp Hose Support             |
| 43   | 56108211   | 1   | Conduit Black .75              |
| 44   | 2-00-04603 | 1   | Clampdouble 1/2 OD             |

\* = Optional, Not Included

REAR WHEEL SYSTEM

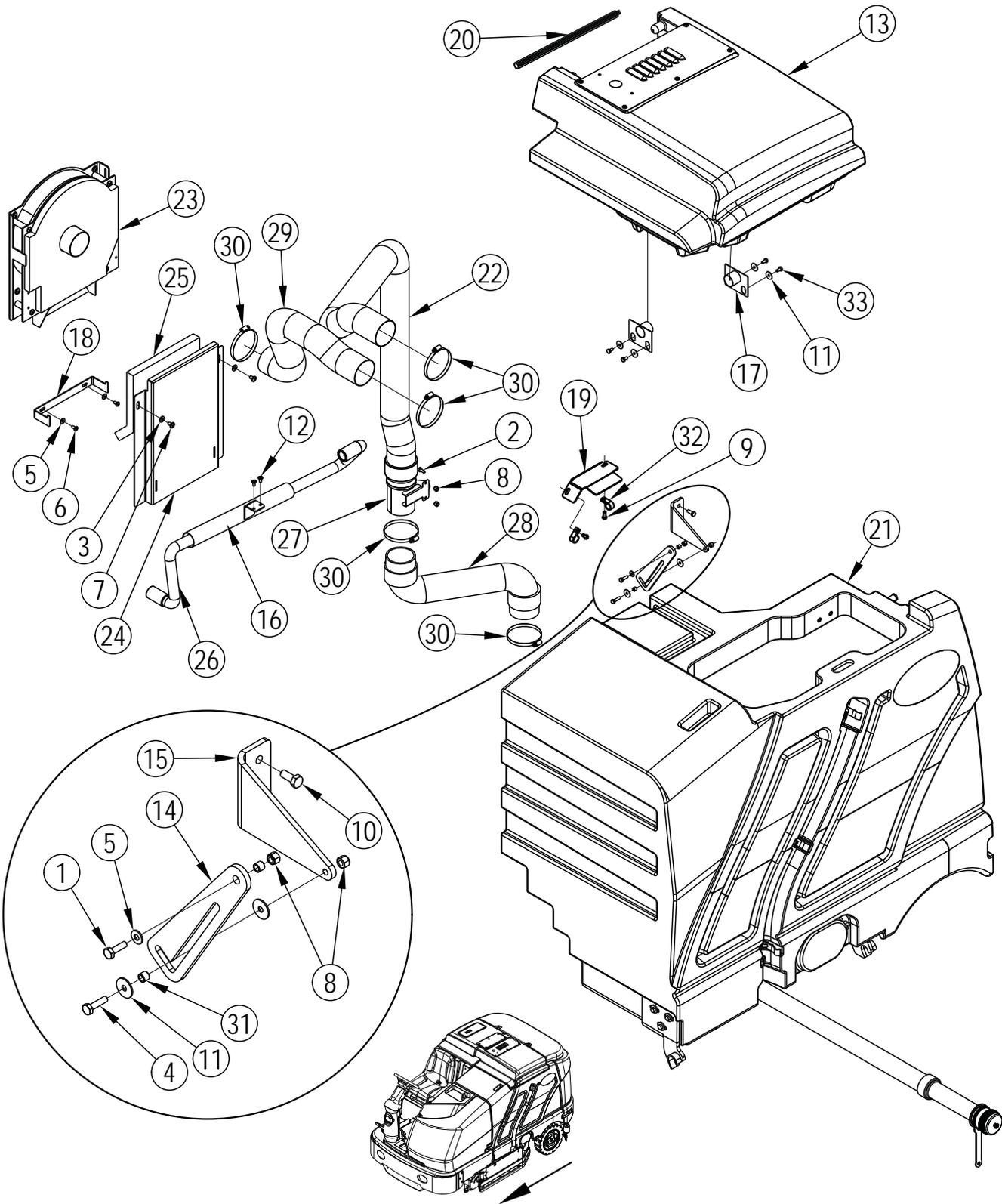


## REAR WHEEL SYSTEM

| Item | Ref. No.   | Qty | Description                            |
|------|------------|-----|--|
| 1    | 56001879   | 8   | Wsh-Flt Sae 1/2                        |
| 2    | 56003778   | 8   | Scr, Hex Loc 1/2-20 X 1.50 Grade 8     |
| 3    | 56109728   | 2   | Assembly-Spindle-Brake                 |
| [ ]  | 56510762   | 2   | Brake Shoe Kit                         |
| 4#   | 56383402   | 2   | Wheel-Mold-On 16.2 X 4 TSB-FC-2013-124 |
| [ ]# | 56509532   | 1   | Bearing-Wheel (for 56383402)           |
| [ ]# | 56509533   | 1   | Ring-Snap (for 56383402)               |
| 5    | 2-00-02436 | 2   | Pin, Cotter                            |
| 6    | 2-00-05026 | 2   | 1" X 14 Slotted Nut                    |
| 7    | 2-00-05239 | 2   | Washer, Spacer                         |
| 8    | 8-11-00030 | 2   | Grease Cap                             |

# = Revised or new since last update

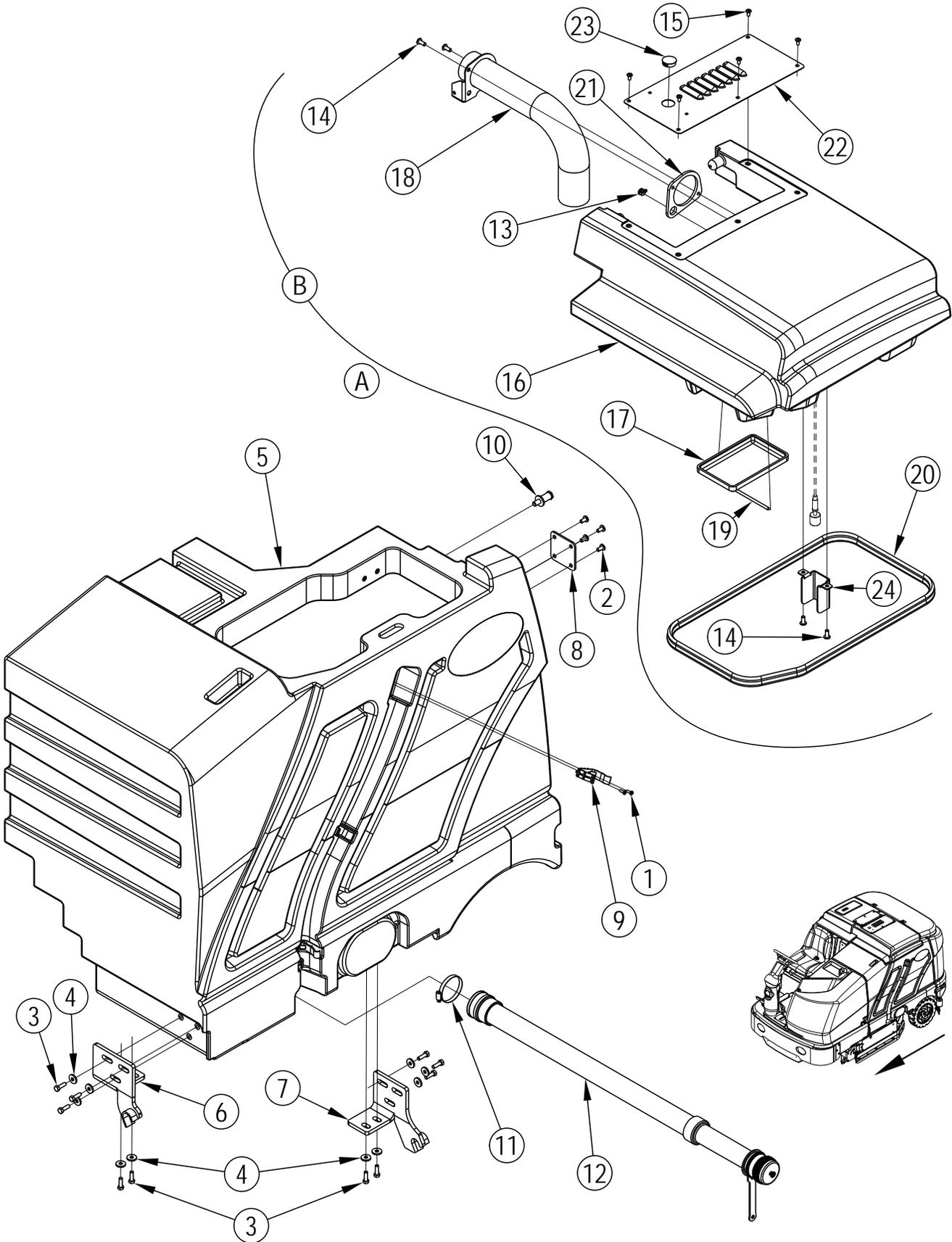
RECOVERY SYSTEM - 1



## RECOVERY SYSTEM - 1

| Item | Ref. No. | Qty | Description   |
|------|----------|-----|---|
| 1    | 56001821 | 1   | Scr, Hex 1/4-20 x .88                                   |
| 2    | 56001836 | 2   | Scr, Hex 1/4-20 x .62                                   |
| 3    | 56001939 | 2   | Wsh, Flt SAE 5/16                                       |
| 4    | 56002093 | 1   | Scr, Hex 1/4-20 x 1.00                                  |
| 5    | 56002098 | 3   | Wsh, Flt SAE 1/4  |
| 6    | 56002145 | 2   | Scr, Pan Phil 1/4-20 x .50                              |
| 7    | 56002281 | 2   | Scr, Pan Phil 5/16-18 x .50                             |
| 8    | 56002708 | 4   | Nut, Hex Nyl Loc 1/4-20                                 |
| 9    | 56002922 | 2   | Scr, Hex Hd Loc 1/4-20 x .62                            |
| 10   | 56002956 | 2   | Scr, Hex Hd Loc 5/16-18 x .75                           |
| 11   | 56009002 | 6   | Wsh, Flt .266 x .906 x .060                             |
| 12   | 56009062 | 2   | Scr, Pan Phil Thd Form 1/4-20 x .50                     |
| 13   | NA       | 1   | Cover Assembly, Recovery Tank (see Recovery System - 2) |
| 14   | 56110571 | 1   | Prop, Rec. Tank Cover                                   |
| 15   | 56111954 | 1   | Bracket, Prop   |
| 16   | 56110667 | 1   | Tube Weldment   |
| 17   | 56111952 | 2   | Hinge Support Weldment                                  |
| 18   | 56110867 | 1   | Bracket, Panel Mounting                                 |
| 19   | 56111953 | 1   | Plate, Tube Support                                     |
| 20   | 56110912 | 1   | Gasket  |
| 21   | 56111078 | 1   | Recovery Tank Assembly(see Recovery System - 2)         |
| 22   | 56111089 | 1   | Hose Assy, Cuffed 3.00                                  |
| 23   | 56111549 | 1   | Vac Fan Assy(see Vac Fan Assy)                          |
| 24   | 56111559 | 1   | Panel Weldt   |
| 25   | 56111568 | 1   | Foam, Sound   |
| 26   | 56111772 | 1   | Hose Assy, Cuffed 1.00                                  |
| 27   | 56111774 | 1   | Tube Weldment   |
| 28   | 56305377 | 1   | Hose Assembly, Squeegee                                 |
| 29   | 56331332 | 1   | Hose, Vac, 3.00 x 31.25 x 975003                        |
| 30   | 56352829 | 5   | Clamp, Hose SAE #52                                     |
| 31   | 56368989 | 2   | Bushing   |
| 32   | 56486112 | 2   | Clamp, P  |
| 33   | 56003039 | 4   | Scr, Hex Hd Loc 1/4-20 x .50                            |

RECOVERY SYSTEM - 2

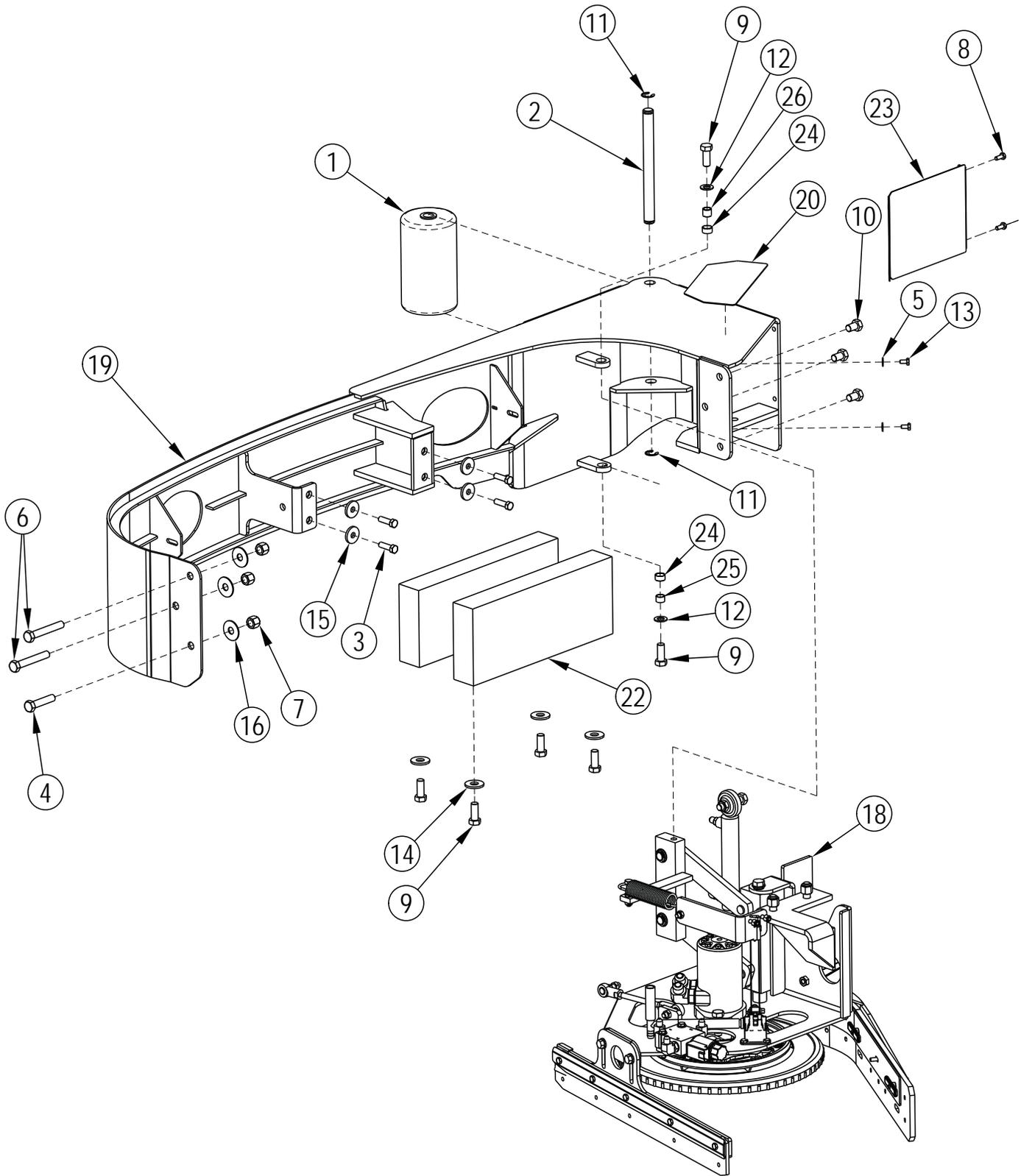


## RECOVERY SYSTEM - 2

| Item | Ref. No. | Qty | Description                                 |
|------|----------|-----|---|
| A    | 56111078 | 1   | Recovery Tank Assembly (items 1-12)         |
| 1    | 56002896 | 6   | Scr, Pan Phil SS 10-24 x .62                |
| 2    | 56003003 | 4   | Scr, Pan Phil 5/16-18 x .62                 |
| 3    | 56003073 | 10  | Scr, Hex Hd Loc 5/16-18 x 1.00              |
| 4    | 56009122 | 10  | Wsh, Flt .344 x .938 x .125                 |
| 5    | 56110390 | 1   | Tank, Recovery                              |
| 6    | 56111903 | 1   | Front Pivot Weldment                        |
| 7    | 56111904 | 1   | Rear Pivot Weldment                         |
| 8    | 56111905 | 1   | Tether Mount Weldment                       |
| 9    | 56212236 | 3   | Clamp, Plastic                              |
| 10   | 56304864 | 1   | Pin, Slam Lock                              |
| 11   | 56456797 | 1   | Clamp, Hose SAE #36                         |
| 12   | 56383259 | 1   | Drain Hose Ribbed                           |
| *    | 56601410 | 1   | Drain Hose Extension (121" (307cm))         |
| B    | NA       | 1   | Cover Assembly, Recovery Tank (items 13-24) |
| 13   | 56201596 | 1   | Strain Relief                               |
| 14   | 56003014 | 4   | Scr, Pan Phil Ss 5/16-18 x .75              |
| 15   | 56009069 | 5   | Scr, Pan Phil Loc 1/4-20 x .50              |
| 16   | 56110455 | 1   | Cover, Recovery Tank                        |
| 17   | 56110560 | 1   | Screen, Recovery Tank                       |
| 18   | 56110562 | 1   | Tube Weldment                               |
| 19   | 56110579 | 1   | Pin, Filter                                 |
| 20   | 56110580 | 1   | Gasket                                      |
| 21   | 56110581 | 1   | Gasket                                      |
| 22   | 56110637 | 1   | Cover                                       |
| 23   | 56111444 | 1   | Button Plug-1.25                            |
| 24   | 56111737 | 1   | Switch Shield                               |

\* = Optional, Not Included

RIGHT SCRUB SYSTEM - 1

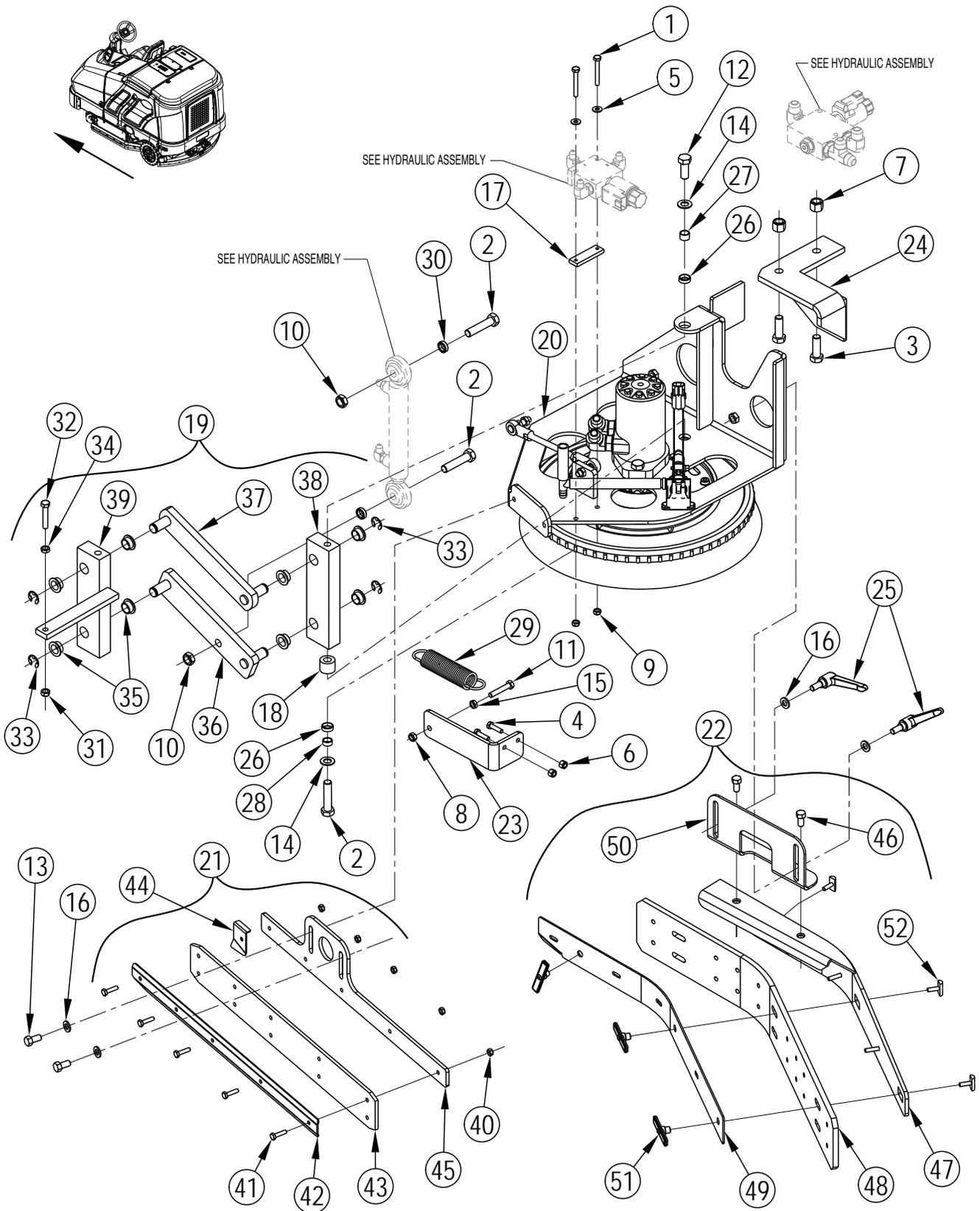


## RIGHT SCRUB SYSTEM - 1

| Item | Ref. No. | Qty | Description  |
|------|----------|-----|--|
| 1    | 56409335 | 1   | Bumper   |
| 2    | 56409336 | 1   | Pin  |
| 3    | 56001858 | 4   | Scr, Hex 3/8-16 X 1.25                                   |
| 4    | 56001920 | 1   | Scr, Hex 1/2-13 X 2.25                                   |
| 5    | 56002098 | 2   | Wsh, Flt SAE 1/4   |
| 6    | 56002116 | 2   | Scr, Hex 1/2-13 X 3.25                                   |
| 7    | 56002770 | 3   | Nut, Hex Nyl Loc 1/2-13                                  |
| 8    | 56002922 | 2   | Scr, Hex Hd Loc 1/4-20 x .62                             |
| 9    | 56003022 | 6   | Scr, Hex Hd Loc 1/2-13x1.25                              |
| 10   | 56003032 | 3   | Scr, Hex Hd Loc 1/2-13x.75                               |
| 11   | 56003266 | 2   | Ring, Ret Ext Type E 0.75 Dia                            |
| 12   | 56009017 | 2   | Wsh, Flt Harden .516 x .938 x .75                        |
| 13   | 56009033 | 2   | Scr, Hex Thd Form 1/4-20 x .50                           |
| 14   | 56009115 | 4   | Wsh, Flt Harden .594 x 1.375 x .134                      |
| 15   | 56009195 | 4   | Wsh, Flt .406 x 1.25 x .164                              |
| 16   | 56009216 | 3   | Wsh, Flt .531 x 1.5 x .075                               |
| [ ]  | 56110547 | 1   | Harness, Side Scrub                                      |
| 18   | NA       | 1   | Right Scrub Assy (See Right Scrub System - 2)            |
| 19   | 56111950 | 1   | Bumper Weldment  |
| 20   | 56111251 | 1   | Mat, Step  |
| [ ]  | NA       | 1   | Right Scrub Hyd Assy (see Right Scrub System Hydraulics) |
| 22   | 56111487 | 2   | Weight   |
| 23   | 56111951 | 1   | Cover, Right Scrub                                       |
| 24   | 56305553 | 2   | Bearing, .719 x .625 x .375                              |
| 25   | 56360627 | 1   | Bushing  |
| 26   | 56367206 | 1   | Bushing  |

[ ] = Not Shown

RIGHT SCRUB SYSTEM - 2



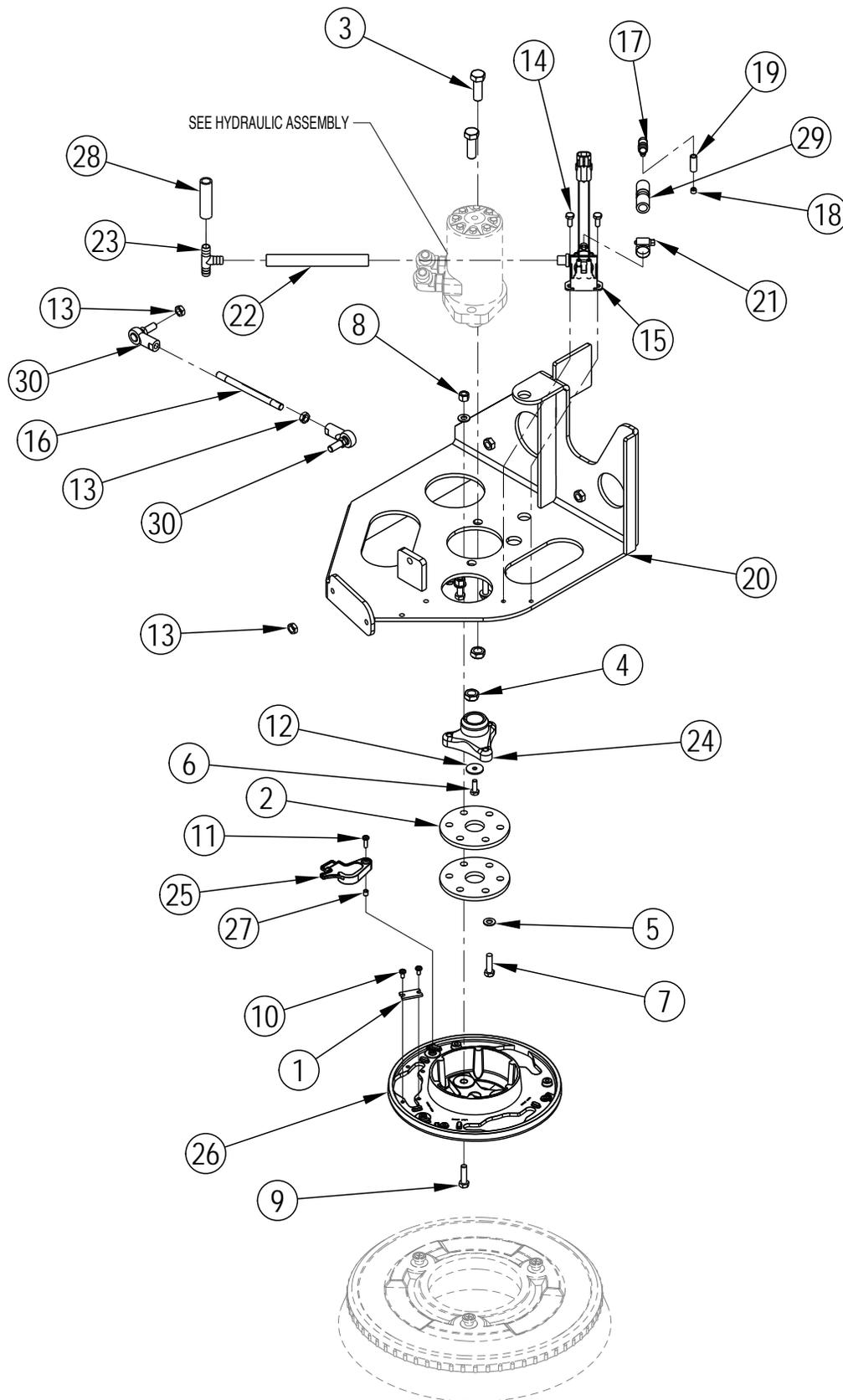
## RIGHT SCRUB SYSTEM - 2

| Item | Ref. No. | Qty | Description                                 | Item | Ref. No. | Qty | Description   |
|------|----------|-----|---|------|----------|-----|---|
|      | NA       | 1   | Right Scrub Assembly                        | 31   | 56002826 | 1   | Nut, Hex Nyl Loc-Thin 5/16-18                           |
| 1    | 56003480 | 2   | Scr-Hex SS 1/4-20 X 2.00                    | 32   | 56003005 | 1   | Scr, Hex 5/16-18 x 1.75                                 |
| 2    | 56001920 | 3   | Scr, Hex 1/2-13 X 2.25                      | 33   | 56003265 | 4   | Ring, Ret Ext Type E 0.62 Dia                           |
| 3    | 56001968 | 2   | Scr, Hex 1/2-13 X 1.50                      | 34   | 56009086 | 1   | Nut, Hex Jam 5/16-18                                    |
| 4    | 56002883 | 2   | Scr Hex SS 1/4-20 X 1.00                    | 35   | 56110338 | 8   | Bearing, Flange .625                                    |
| 5    | 56002914 | 2   | Wsh Flt STD SS 1/4                          | 36   | 56111147 | 1   | Arm Weldt-Lower   |
| 6    | 56002491 | 2   | Nut Hex Nyl Loc SS 1/4-20                   | 37   | 56111148 | 1   | Arm Weldt-Upper   |
| 7    | 56002770 | 2   | Nut, Hex Nyl Loc 1/2-13                     | 38   | 56111825 | 1   | Pivot, Side Brush                                       |
| 8    | 56002851 | 1   | Nut Hex Nyl Loc-Thin SS 5/16-18             | 39   | 56111841 | 1   | Pivot Weldment  |
| 9    | 56002850 | 2   | Nut Hex Nyl Loc-Thin SS 1/4-20              |      |          |     |   |
| 10   | 56002843 | 2   | Nut, Hex Nyl Loc-Thin 1/2-13                | 40   | 56002850 | 5   | Nut, Hex Nyl Loc-Thin SS 1/4-20                         |
| 11   | 56003333 | 1   | Scr Hex SS 5/16-18X1.75                     | 41   | 56002883 | 5   | Scr, Hex SS 1/4-20 X 1.00                               |
| 12   | 56003022 | 1   | Scr, Hex Hd Loc 1/2-13 x 1.25               | 42   | 56111491 | 1   | Strap, Skirt  |
| 13   | 56003079 | 2   | Scr, Hex Hd Loc 3/8-16 x .75                | 43   | 56111635 | 1   | Blade Kit, Rt Scrub-Red Gum <b>NOTE 1</b>               |
| 14   | 56009017 | 2   | Wsh, Flt Harden .516 x .938 x .75           | *    | 56111636 | 1   | Blade Kit, Rt Scrub-Gum (pure gum rubber) <b>NOTE 1</b> |
| 15   | 56009141 | 1   | Nut Hex Jam SS 5/16-18                      | *    | 56111637 | 1   | Blade Kit, Rt Scrub-PU (polyurethane) <b>NOTE 1</b>     |
| 16   | 56009214 | 4   | Wsh, Flt .406 x .750 x .090                 | 44   | 56111547 | 1   | Tab   |
| 17   | 56110651 | 1   | Nut Plate                                   | 45   | 56111909 | 1   | Bracket, Skirt  |
| 18   | 56111160 | 1   | Spacer                                      |      |          |     |   |
| 19   | 56111202 | 1   | Brush Arm Assy (items 31-39)                | 46   | 56003079 | 2   | Scr, Hex Hd Loc 3/8-16 x .75                            |
| 20   | 56111253 | 1   | Brush Assembly (See Right Scrub System - 3) | 47   | 56111908 | 1   | Skirt Mount Weldt                                       |
| 21   | 56111525 | 1   | Skirt Assembly (items 40-45)                | 48   | 56111635 | 1   | Blade Kit, Rt Scrub-Red Gum <b>NOTE 1</b>               |
| 22   | 56111819 | 1   | Rt Scrub Skirt Assy (items 46-52)           | *    | 56111636 | 1   | Blade Kit, Rt Scrub-Gum (pure gum rubber) <b>NOTE 1</b> |
| 23   | 56111910 | 1   | Bracket, Spring                             | *    | 56111637 | 1   | Blade Kit, Rt Scrub-PU (polyurethane) <b>NOTE 1</b>     |
| 24   | 56111911 | 1   | Stop Weldment                               | 49   | 56111824 | 1   | Strap, Skirt  |
| 25   | 56111869 | 2   | Handle, Locking                             | 50   | 56111907 | 1   | Bracket, Skirt  |
| 26   | 56304893 | 2   | Bearing, Sleeve .625 x .750 x .250          | 51   | 56413717 | 3   | Thumb Nut   |
| 27   | 56360627 | 1   | Bushing                                     | 52   | 56413850 | 3   | Skirt Retainer Assy                                     |
| 28   | 56365030 | 1   | Bushing .50 x .62 x .27                     |      |          |     |   |
| 29   | 56412216 | 1   | Spring, Extension                           |      |          |     |   |
| 30   | 56481456 | 2   | Bushing                                     |      |          |     |   |

\* = Optional, Not Included

NOTE 1: Blade kits include 2 blades, one of each of the blades needed for the right scrub assembly.

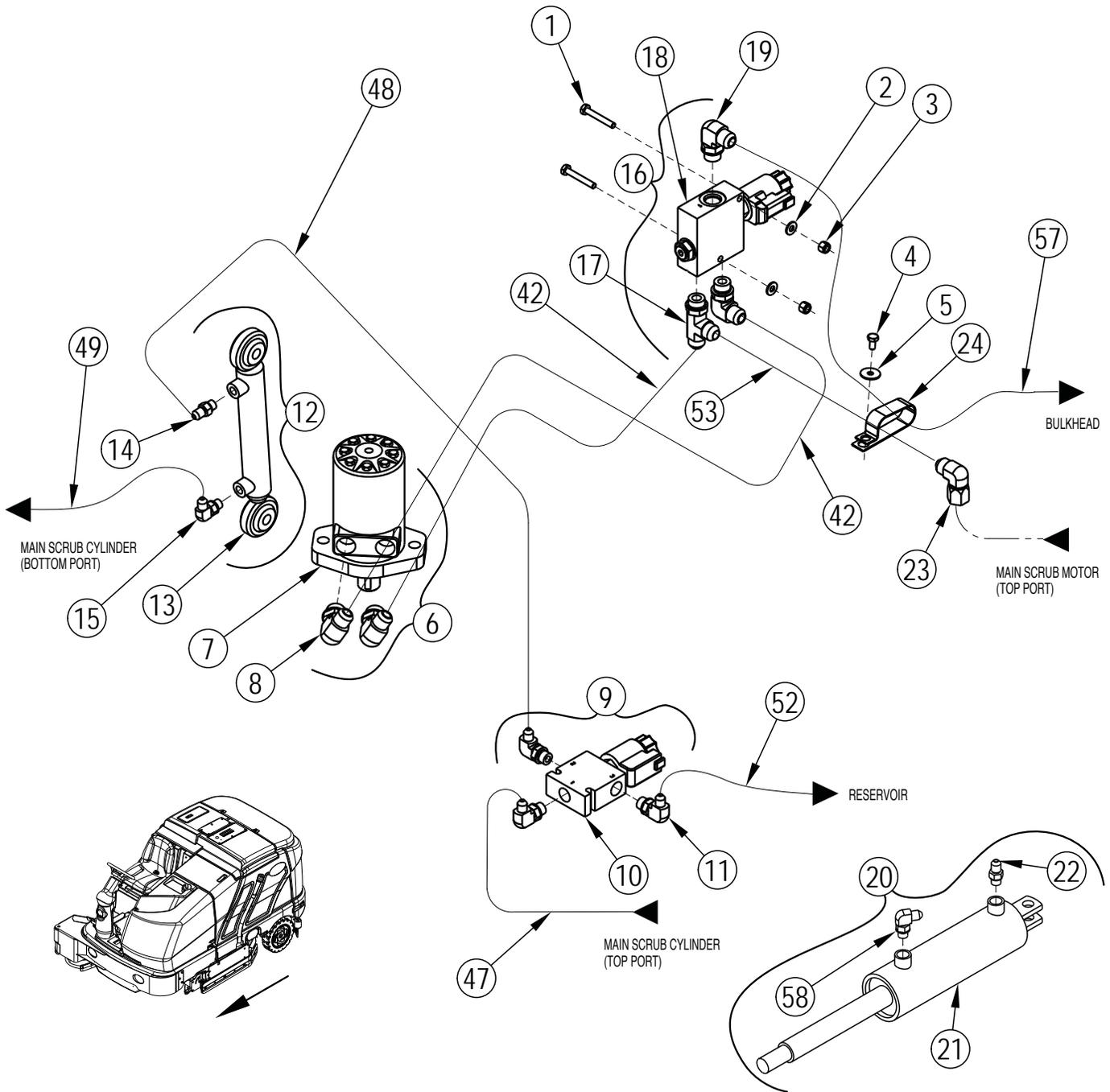
RIGHT SCRUB SYSTEM - 3



## RIGHT SCRUB SYSTEM - 3

| Item | Ref. No. | Qty | Description                        |
|------|----------|-----|------------------------------------|
|      | 56111253 | 1   | Brush Assembly (items 1-30)        |
| 1    | 56366455 | 1   | Plate, Stop                        |
| 2    | 56383238 | 2   | Brush Drive Disk                   |
| 3    | 56001968 | 2   | Scr, Hex 1/2-13 X 1.50             |
| 4    | 56002843 | 2   | Nut, Hex Nyl Loc-Thin 1/2-13       |
| 5    | 56002938 | 6   | Wsh, Flt SAE SS 5/16               |
| 6    | 56003221 | 1   | Scr, Hex Loc SS 1/4-20 X .75       |
| 7    | 56003278 | 3   | Scr, Hex Loc SS M8-1 X 30mm        |
| 8    | 56003405 | 3   | Nut, Hex Nyl Loc SS M8-1.25        |
| 9    | 56003639 | 3   | Scr, Hex SS M8-1.25 X 30mm         |
| 10   | 56009030 | 2   | Scr, Pan Phil Thd Form 10-24 X .38 |
| 11   | 56009042 | 1   | Scr, Pan Phil Thd Form 10-24 X .62 |
| 12   | 56009060 | 1   | Wsh, Flt SS .260 X 1.000 X .074    |
| 13   | 56009103 | 3   | Nut, Hex Jam 3/8-24                |
| 14   | 56009250 | 2   | Scr, Hex Thd Form 1/4-20 X .62     |
| 15   | 56110464 | 1   | Solenoid Valve Assy                |
| 16   | 56111814 | 1   | Rod                                |
| 17   | 56111842 | 1   | Elbow, Barbed .500 X .312          |
| 18   | 56111843 | 1   | Orifice Plug                       |
| 19   | 56111844 | 1   | Hose, PVC .250 X .375 X 1.00       |
| 20   | 56111906 | 1   | Motor Bracket Weldt                |
| 21   | 56219932 | 1   | Clamp, Hose SAE #6                 |
| 22   | 56244967 | 1   | Hose, PVC Clear 65.00              |
| 23   | 56262549 | 1   | Tee, Barb                          |
| 24   | 56304077 | 1   | Hub, Drive                         |
| 25   | 56305515 | 1   | Brush Lock, Left                   |
| 26   | 56314030 | 1   | Brush Holder                       |
| 27   | 56369004 | 1   | Bushing                            |
| 28   | 56392347 | 1   | Hose, PVC Clear 2.5 Inch           |
| 29   | 56397209 | 1   | Hose, PVC Clear                    |
| 30   | 56397385 | 2   | Rod End                            |

RIGHT SCRUB SYSTEM HYDRAULICS

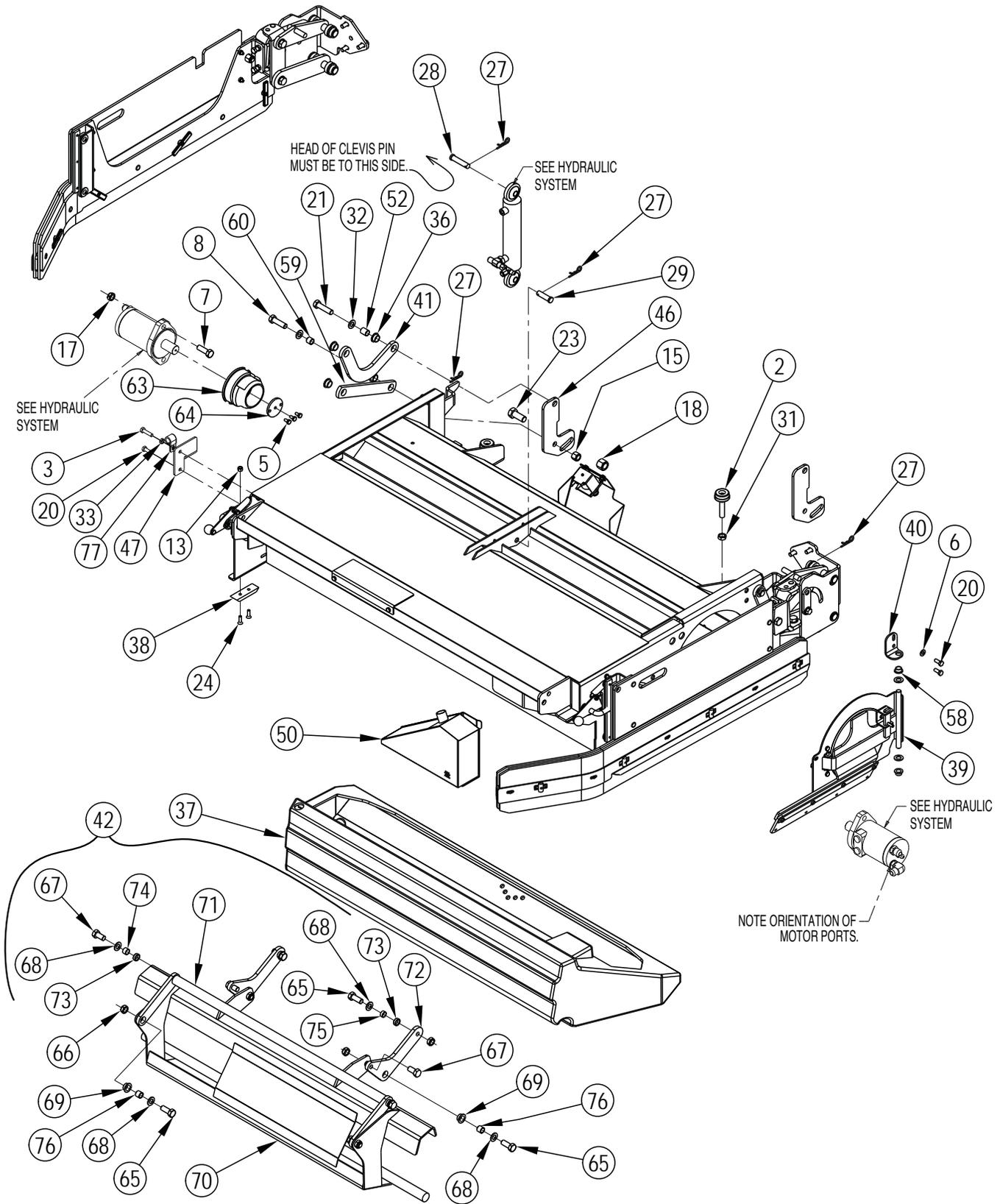


## RIGHT SCRUB SYSTEM HYDRAULICS

| Item | Ref. No.   | Qty | Description   |
|------|------------|-----|---|
|      | NA         | 1   | Right Scrub Hd Assy (items 1-24, 42, 47-49, 52, 53, 57, 58) |
| 1    | 56001967   | 2   | Scr, Hex 1/4-20 x 1.75                                      |
| 2    | 56002098   | 2   | Wsh, Flt SAE 1/4  |
| 3    | 56002708   | 2   | Nut, Hex Nyl Loc 1/4-20                                     |
| 4    | 56003039   | 1   | Scr, Hex Hd Loc 1/4-20 x .50                                |
| 5    | 56009002   | 1   | Wsh, Flt .266 X .906 x .060                                 |
| 6    | NA         | 1   | Hydraulic Motor Assy (items 7-8)                            |
| 7    | 56111526   | 1   | Motor, Hydraulic 11.3 CIR                                   |
| *    | 56479577   | A/R | Seal Kit  |
| *    | 56307149   | A/R | Viton Seal Kit  |
| 8    | 56900114   | 2   | Elbow, 90 O-Ring  |
| 9    | NA         | 1   | Solenoid Valve Assy (items 10-11)                           |
| 10   | 56110404   | 1   | Valve, Solenoid   |
| *    | 56305351   | A/R | Replacement Cartridge                                       |
| *    | 56110712   | A/R | Replacement Coil  |
| *    | 56305349   | A/R | Seal Kit  |
| 11   | 56900110   | 3   | Elbow, 90 O-Ring  |
| 12   | NA         | 1   | Opt Scrub Cyl Assy (items 13-15)                            |
| 13   | 56111885   | 1   | Cylinder, Hydraulic   |
| *    | 56111886   | A/R | Seal Kit  |
| 14   | 56900001   | 1   | Connector, O-Ring   |
| 15   | 56900101   | 1   | Elbow, 90 O-Ring  |
| 16   | NA         | 1   | Valve Assembly, Solenoid (17-19)                            |
| 17   | 56900204   | 1   | Tee, Run O-Ring   |
| 18   | 56110711   | 1   | Solenoid Valve, Motor                                       |
| *    | 56507686   | A/R | Cartridge   |
| *    | 56110715   | A/R | Replacement Coil  |
| *    | 56305370   | A/R | Replacement Check Valve                                     |
| *    | 56305354   | A/R | Seal Kit  |
| *    | 56111201   | A/R | Seal Kit  |
| 19   | 56900104   | 2   | Elbow, 90 O-Ring  |
| 20   | 56111587   | 1   | Cylinder Assembly, Steer (items 21-22, 58)                  |
| 21   | 56111593   | 1   | Cylinder, Hydraulic 2 x 5                                   |
| *    | 56488723   | A/R | Replacement Seal Kit  |
| 22   | 56900001   | 1   | Connector, O-Ring   |
| 58   | 56900101   | 1   | Elbow, 90 O-Ring  |
| 23   | 56900304   | 1   | Elbow, 90 W/Nut   |
| 24   | 2-00-05253 | 1   | Clamp, 3/4" Wire, Double                                    |
| 42   | 56110777   | 2   | Hose Assy   |
| 47   | 56110782   | 1   | Hose Assy   |
| 48   | 56110783   | 1   | Hose Assy   |
| 49   | 56110784   | 1   | Hose Assy   |
| 52   | 56110787   | 1   | Hose Assy   |
| 53   | 56110792   | 1   | Hose Assy   |
| 57   | 56110796   | 1   | Hose Assy   |

\* = Optional, Not Included

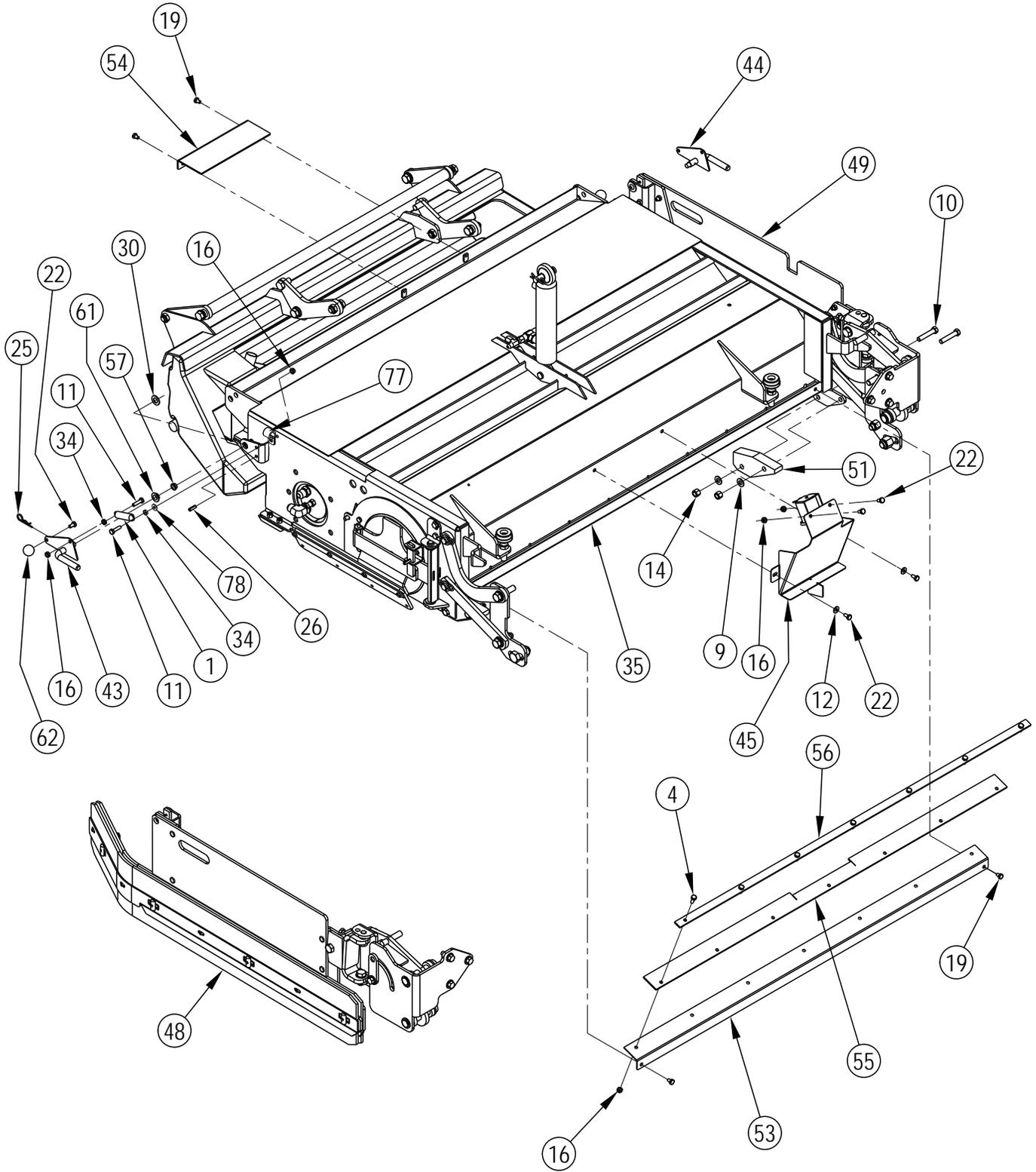
SCRUB SYSTEM - 1



## SCRUB SYSTEM - 1

| Item | Ref. No. | Qty | Description                       | Item | Ref. No.     | Qty | Description  |
|------|----------|-----|-----------------------------------|------|--------------|-----|--|
| 1    | 56365068 | 2   | Spring                            | 40   | 56110757     | 1   | Hinge, Top   |
| 2    | 56449221 | 2   | Bumper, 1.43 Dia                  | 41   | 56111926     | 2   | Arm, Brush HSG   |
| 3    | 56002884 | 1   | Scr Hex SS 5/16-18 x 1.25         | 42   | 56110952     | 1   | Tray Hanger Assy (items 65-76)                                 |
| 4    | 56003047 | 7   | Scr Hex SS 1/4-20 X .62           | 43   | 56110971     | 1   | Latch Weldt-Rt   |
| 5    | 56002801 | 6   | Scr Hex SS 1/4-20 x .50           | 44   | 56111108     | 1   | Latch Weldt-Lt   |
| 6    | 56002938 | 1   | Wsh Flt SAE SS 5/16               | 45   | 56111927     | 1   | Diverter Weldt   |
| 7    | 56003495 | 4   | Scr Hex S.S. 1/2-13 X 1.5         | 46   | 56111928     | 2   | Bracket, Brush HSG   |
| 8    | 56002888 | 2   | Scr Hex HD SS 1/2-13X1.75         | 47   | 56111666     | 1   | Hinge, Left  |
| 9    | 56002910 | 4   | Wsh Flt SAE SS 3/8                | 48   | 56111738     | 1   | Right Skirt Assy<br>(see Scrub System - Side Skirt Assemblies) |
| 10   | 56002800 | 4   | Scr Hex SS 3/8-16 X 2.00          | 49   | 56111740     | 1   | Left Skirt Assy<br>(see Scrub System - Side Skirt Assemblies)  |
| 11   | 56002883 | 3   | Scr Hex SS 1/4-20 X 1.00          | 50   | 56111751     | 1   | Screen Weldment  |
| 12   | 56002859 | 2   | Wsh Flt SAE SS 1/4                | 51   | 56111759     | 2   | Skid   |
| 13   | 56002491 | 4   | Nut, Hex Nyl Loc SS 1/4-20        | 52   | 56111784     | 2   | Bushing .515 x .625 x .725                                     |
| 14   | 56003219 | 4   | Nut Hex Nyl Loc SS 3/8-16         | 53   | 56111929     | 1   | Shield, Trough   |
| 15   | 56002846 | 2   | Nut Hex Nyl Loc SS 1/2-13         | 54   | 56111930     | 1   | Plate  |
| 16   | 56002850 | 12  | Nut Hex Nyl Loc-Thin SS 1/4-20    | 55   | 56111790     | 1   | Blade, Mud Shield  |
| 17   | 56002854 | 4   | Nut Hex Nyl Loc-Thin SS 1/2-13    | 56   | 56111932     | 1   | Strap  |
| 18   | 56003924 | 2   | Nut-Hex Nyl Loc SS 5/8-18         | 57   | 56303285     | 2   | Bearing, Fl .500 x .375 x .250                                 |
| 19   | 56002933 | 4   | Scr, Hex Hd Loc 1/4-20 x .38      | 58   | 56304519     | 4   | Bearing, Fl .625 x .500 x .375                                 |
| 20   | 56003925 | 3   | Scr-Hex Loc SS 5/16-18 X .75      | 59   | 56111931     | 2   | Arm Parallel 7.5in   |
| 21   | 56003926 | 2   | Scr-Hex SS 1/2-13 X 2.00          | 60   | 56367206     | 2   | Bushing  |
| 22   | 56002935 | 6   | Scr-Hex Loc SS 1/4-20 x .50       | 61   | 56413211     | 2   | Bearing, Flange .625 x .500 x .250                             |
| 23   | 56003045 | 2   | Scr, Hex Hd SS UNF 5/8-18 x 1.50  | 62   | 56440817     | 2   | Knob   |
| 24   | 56003086 | 4   | Scr, Flt Phil SS 1/4-20 x .88     | 63   | 8-33-09046-1 | 2   | Hub-Broom Driver   |
| 25   | 56003120 | 2   | Pin, Cotter Hair .0915 x .375     | 64   | 8-58-05160   | 2   | Broom Driver Locking Plate                                     |
| 26   | 56003138 | 2   | Pin, Spr .25 x .75                | 65   | 56002904     | 6   | Scr Hex SS 1/2-13 X 1.25                                       |
| 27   | 56003222 | 6   | Pin, Cotter Hair                  | 66   | 56002854     | 6   | Nut Hex Nyl Loc-Thin SS 1/2-13                                 |
| 28   | 56003620 | 1   | Clevis Pin                        | 67   | 56002887     | 4   | Scr Hex SS 1/2-13 x 1.00                                       |
| 29   | 56003728 | 1   | Pin, Clevis .50 x 1.75            | 68   | 56009017     | 8   | Wsh, Flt Harden .516 x .938 x .75                              |
| 30   | 56009003 | 2   | Wsh, Flt .516 x .938 x .075       | 69   | 56110338     | 4   | Bearing, Flange .625   |
| 31   | 56003927 | 2   | Nut-Hex Jam SS 1/2-13             | 70   | 56111917     | 1   | Tray Hanger Weldt  |
| 32   | 56009017 | 8   | Wsh, Flt Harden .516 x .938 x .75 | 71   | 56111918     | 1   | Tray Hanger Weldt  |
| 33   | 56009141 | 1   | Nut Hex Jam SS 5/16-18            | 72   | 56111919     | 2   | Lever  |
| 34   | 56003145 | 3   | Nut Hex Jam SS 1/4-20             | 73   | 56304893     | 4   | Bearing, Sleeve .625 X .750 X .250                             |
| 35   | 56111933 | 1   | Brush Housing Weldt               | 74   | 56360627     | 2   | Bushing  |
| 36   | 56110338 | 8   | Bearing, Flange .625              | 75   | 56365030     | 2   | Bushing .50 x .62 x .27  |
| 37   | 56110349 | 1   | Hopper                            | 76   | 56367206     | 4   | Bushing  |
| 38   | 56110514 | 2   | Skid                              | 77   | 56419120     | 2   | Clamp-Hose Support   |
| 39   | 56110752 | 2   | Idler Assembly                    |      |              |     |  |

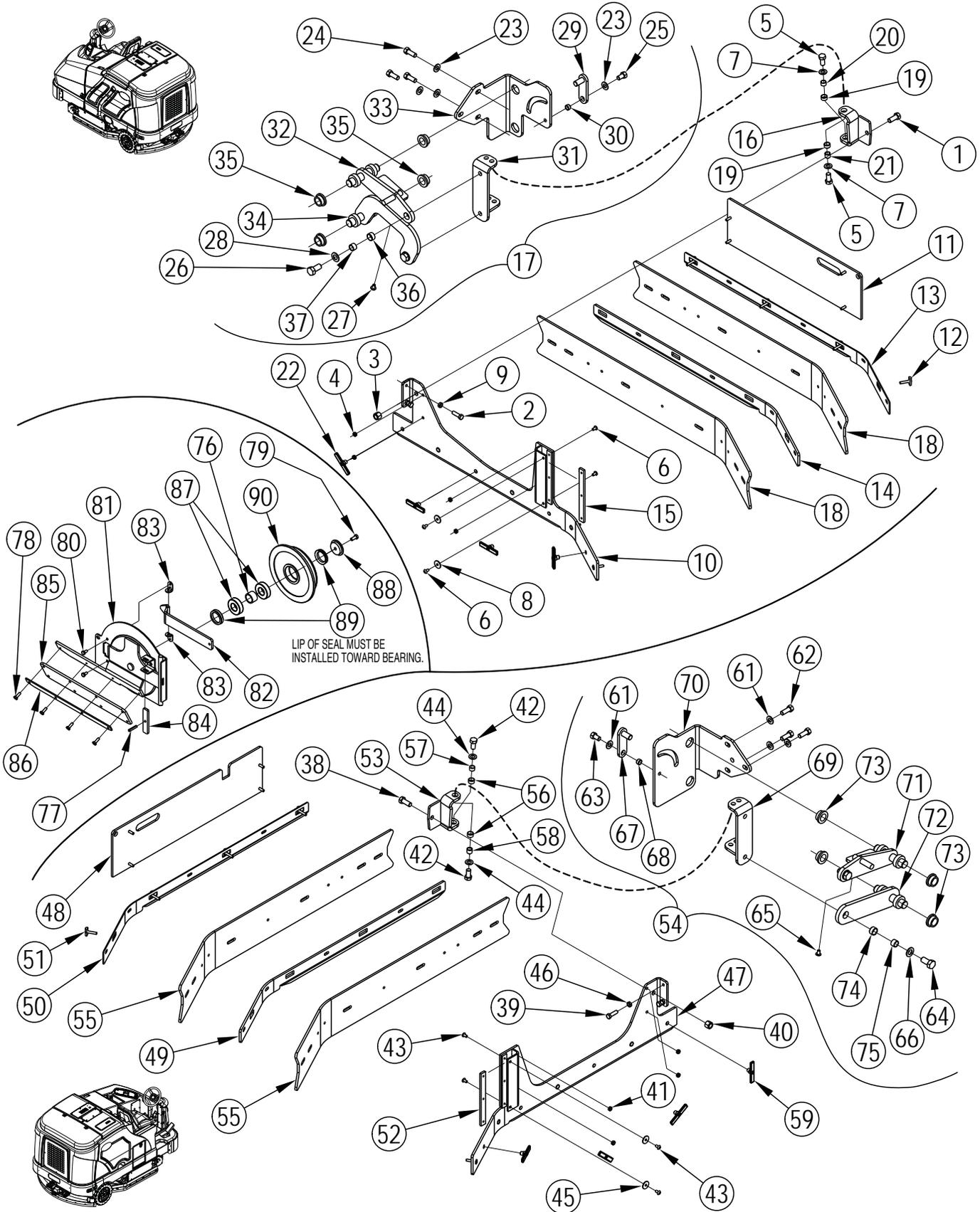
SCRUB SYSTEM - 2



## SCRUB SYSTEM - 2

| Item | Ref. No. | Qty | Description                       | Item | Ref. No.     | Qty | Description                                |
|------|----------|-----|-----------------------------------|------|--------------|-----|--|
| 1    | 56365068 | 2   | Spring                            | 34   | 56009087     | 3   | Nut, Hex Jam 1/4-20                        |
| 2    | 56449221 | 1   | Bumper, 1.43 Dia                  | 35   | 56111933     | 1   | Brush Housing Weldt                        |
| 3    | 56002884 | 1   | Scr Hex SS 5/16-18 x 1.25         | 36   | 56110338     | 8   | Bearing, Flange .625                       |
| 4    | 56003047 | 7   | Scr Hex SS 1/4-20 X .62           | 37   | 56110349     | 1   | Hopper                                     |
| 5    | 56002801 | 6   | Scr Hex SS 1/4-20 x .50           | 38   | 56110514     | 2   | Skid                                       |
| 6    | 56002938 | 1   | Wsh Flt SAE SS 5/16               | 39   | 56110752     | 2   | Idler Assembly                             |
| 7    | 56003495 | 4   | Scr Hex S.S. 1/2-13 X 1.5         | 40   | 56110757     | 1   | Hinge, Top                                 |
| 8    | 56002888 | 2   | Scr Hex HD SS 1/2-13X1.75         | 41   | 56111926     | 2   | Arm, Brush HSG                             |
| 9    | 56002910 | 4   | Wsh Flt SAE SS 3/8                | 42   | 56110952     | 1   | Tray Hanger Assy                           |
| 10   | 56002800 | 4   | Scr Hex SS 3/8-16 X 2.00          | 43   | 56110971     | 1   | Latch Weldt-Rt                             |
| 11   | 56002883 | 3   | Scr Hex SS 1/4-20 X 1.00          | 44   | 56111108     | 1   | Latch Weldt-Lt                             |
| 12   | 56002859 | 2   | Wsh Flt SAE SS 1/4                | 45   | 56111927     | 1   | Diverter Weldt                             |
| 13   | 56002491 | 4   | Nut, Hex Nyl Loc SS 1/4-20        | 46   | 56111928     | 2   | Bracket, Brush HSG                         |
| 14   | 56003219 | 4   | Nut Hex Nyl Loc SS 3/8-16         | 47   | 56111666     | 1   | Hinge, Left                                |
| 15   | 56002846 | 2   | Nut Hex Nyl Loc SS 1/2-13         | 48   | 56111738     | 1   | Right Skirt Assy                           |
| 16   | 56002850 | 12  | Nut Hex Nyl Loc-Thin SS 1/4-20    |      |              |     | (see Scrub System - Side Skirt Assemblies) |
| 17   | 56002854 | 4   | Nut Hex Nyl Loc-Thin SS 1/2-13    | 49   | 56111740     | 1   | Left Skirt Assy                            |
| 18   | 56003924 | 2   | Nut-Hex Nyl Loc SS 5/8-18         |      |              |     | (see Scrub System - Side Skirt Assemblies) |
| 19   | 56002933 | 4   | Scr, Hex Hd Loc 1/4-20 x .38      | 50   | 56111751     | 1   | Screen Weldment                            |
| 20   | 56003925 | 3   | Scr-Hex Loc SS 5/16-18 X .75      | 51   | 56111759     | 2   | Skid                                       |
| 21   | 56003926 | 2   | Scr-Hex SS 1/2-13 X 2.00          | 52   | 56111784     | 2   | Bushing .515 x .625 x .725                 |
| 22   | 56002935 | 6   | Scr-Hex Loc SS 1/4-20 x .50       | 53   | 56111929     | 1   | Shield, Trough                             |
| 23   | 56003045 | 2   | Scr, Hex Hd SS UNF 5/8-18 x 1.50  | 54   | 56111930     | 1   | Plate                                      |
| 24   | 56003086 | 4   | Scr, Flt Phil SS 1/4-20 x .88     | 55   | 56111790     | 1   | Blade, Mud Shield                          |
| 25   | 56003120 | 2   | Pin, Cotter Hair .0915 x .375     | 56   | 56111932     | 1   | Strap                                      |
| 26   | 56003138 | 2   | Pin, Spr .25 x .75                | 57   | 56303285     | 2   | Bearing, Fl .500 x .375 x .250             |
| 27   | 56003222 | 6   | Pin, Cotter Hair                  | 58   | 56304519     | 4   | Bearing, Fl .625 x .500 x .375             |
| 28   | 56003620 | 1   | Clevis Pin                        | 59   | 56111931     | 2   | Arm Parallel 7.5in                         |
| 29   | 56003728 | 1   | Pin, Clevis .50 x 1.75            | 60   | 56367206     | 2   | Bushing                                    |
| 30   | 56009003 | 2   | Wsh, Flt .516 x .938 x .075       | 61   | 56413211     | 2   | Bearing, Flange .625 x .500 x .250         |
| 31   | 56003927 | 2   | Nut-Hex Jam SS 1/2-13             | 62   | 56440817     | 2   | Knob                                       |
| 32   | 56009017 | 8   | Wsh, Flt Harden .516 x .938 x .75 | 63   | 8-33-09046-1 | 2   | Hub-Broom Driver                           |
| 33   | 56009141 | 1   | Nut Hex Jam SS 5/16-18            | 64   | 8-58-05160   | 2   | Broom Driver Locking Plate                 |
| 34   | 56003145 | 3   | Nut Hex Jam SS 1/4-20             |      |              |     |  |
|      |          |     |                                   | 77   | 56419120     | 2   | Clamp-Hose Support                         |
|      |          |     |                                   | 78   | 2-00-03702   | 1   | Washer, .625 X .281 X .063                 |

SCRUB SYSTEM - SIDE SKIRT ASSEMBLIES



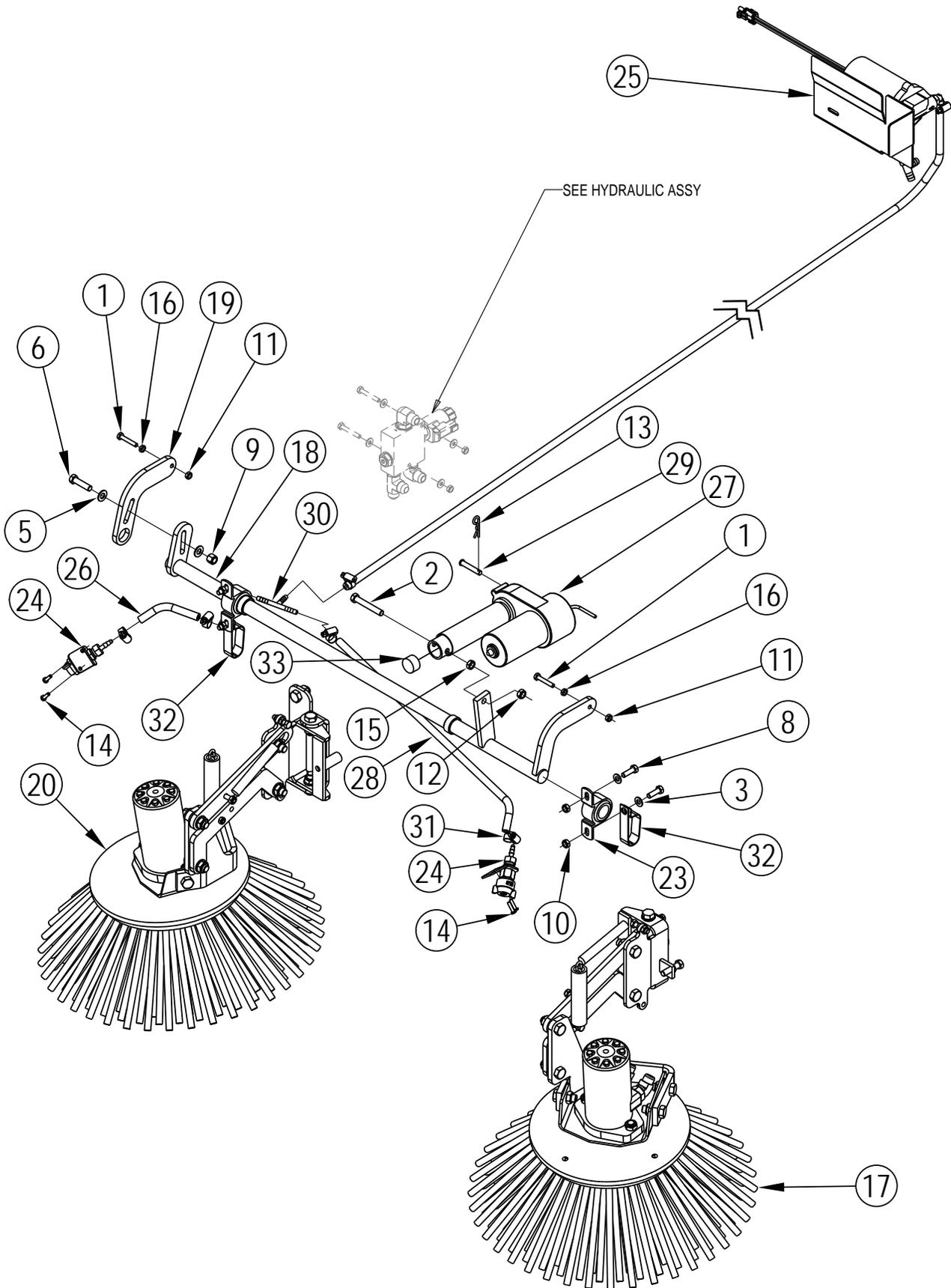
SCRUB SYSTEM - SIDE SKIRT ASSEMBLIES

| Item | Ref. No. | Qty | Description                                   | Item | Ref. No. | Qty | Description                                   |
|------|----------|-----|---|------|----------|-----|---|
|      | 56111738 | 1   | Right Skirt Assy (items 1-22)                 | 46   | 56003015 | 2   | Nut Hex Jam SS 3/8-16                         |
| 1    | 56002904 | 1   | Scr Hex SS 1/2-13 X 1.25                      | 47   | 56111923 | 1   | Left Skirt Weldt                              |
| 2#   | 56002095 | 2   | Scr Hex 3/8-16 X 1.50                         | 48   | 56111924 | 1   | Cover, Left Skirt                             |
| 3    | 56002846 | 1   | Nut Hex Nyl Loc SS 1/2-13                     | 49   | 56111925 | 1   | Strap, Skirt-Lt                               |
| 4    | 56002840 | 4   | Nut, Hex Nyl Loc-Thin 1/4-20                  | 50   | 56111431 | 1   | Strap, Skirt-Lt                               |
| 5    | 56003835 | 2   | Scr-Hex Loc SS 1/2-13 X 1.0                   | 51   | 56111433 | 4   | Skirt Retainer Assy                           |
| 6    | 56003790 | 4   | Scr Panphil SS Type A 1/4-10 X .50            | 52   | 56111599 | 2   | Slide   |
| 7    | 56009017 | 2   | Wsh, Flt Harden .516 x .938 X.75              | 53   | 56111648 | 1   | Left Hinge Weldt                              |
| 8    | 56009060 | 2   | Wsh, Flt SS .260 X 1.000 X .074               | 54   | 56111741 | 1   | Skirt Arm Assy-Lt (items 61-75)               |
| 9    | 56003015 | 2   | Nut Hex Jam SS 3/8-16                         | 55   | 56111206 | 1   | Blade Kit, Main Scrub-<br>Red Gum NOTE 1      |
| 10   | 56111920 | 1   | Right Skirt Weldt                             | *    | 56111207 | 1   | Blade Kit, Main Scrub-<br>Gum Rubber NOTE 1   |
| 11   | 56111921 | 1   | Cover, Right Skirt                            | *    | 56111210 | 1   | Blade Kit, Main Scrub-<br>Polyurethane NOTE 1 |
| 12   | 56111433 | 4   | Skirt Retainer Assy                           | 56   | 56305553 | 2   | Bearing, .719 X .625 X .375                   |
| 13   | 56111453 | 1   | Strap, Skirt-Rt                               | 57   | 56360627 | 1   | Bushing                                       |
| 14   | 56111922 | 1   | Strap, Skirt-Rt                               | 58   | 56367206 | 1   | Bushing                                       |
| 15   | 56111599 | 2   | Slide   | 59   | 56413717 | 4   | Thumb Nut                                     |
| 16   | 56111647 | 1   | Right Hinge Weldt                             | 61   | 56002910 | 4   | Wsh Flt SAE SS 3/8                            |
| 17   | 56111739 | 1   | Skirt Arm Assy-Rt (items 23-37)               | 62   | 56003914 | 3   | Scr-Hex Loc SS 3/8-16 X 1.00                  |
| 18   | 56111206 | 1   | Blade Kit, Main Scrub-<br>Red Gum NOTE 1      | 63#  | 56003952 | 1   | Scr-Hex Loc Ss 3/8-16 X .62                   |
| *    | 56111207 | 1   | Blade Kit, Main Scrub-<br>Gum Rubber NOTE 1   | 64   | 56003835 | 2   | Scr-Hex Loc SS 1/2-13 X 1.0                   |
| *    | 56111210 | 1   | Blade Kit, Main Scrub-<br>Polyurethane NOTE 1 | 65   | 56003603 | 1   | Scr, Pan Phil Thd Form 1/4-20 x .38           |
| 19   | 56305553 | 2   | Bearing, .719 X .625 X .375                   | 66   | 56009017 | 2   | Wsh, Flt Harden .516 x .938 x .75             |
| 20   | 56360627 | 1   | Bushing                                       | 67   | 56110942 | 1   | Prop Weldt                                    |
| 21   | 56367206 | 1   | Bushing                                       | 68   | 56110945 | 1   | Bushing, .385 x .500 x .270                   |
| 22   | 56413717 | 4   | Thumb Nut                                     | 69   | 56111644 | 1   | Hinge Weldt                                   |
| 23   | 56002910 | 4   | Wsh Flt SAE SS 3/8                            | 70   | 56111912 | 1   | Bracket Skirt-Lt                              |
| 24   | 56002914 | 3   | Scr-Hex Loc SS 3/8-16 X 1.00                  | 71   | 56111745 | 1   | Upper Lt Arm Weldt                            |
| 25#  | 56003952 | 1   | Scr-Hex Loc Ss 3/8-16 X .62                   | 72   | 56111747 | 1   | Lower Arm Weldt                               |
| 26   | 56003835 | 2   | Scr-Hex Loc SS 1/2-13 X 1.0                   | 73   | 56303024 | 4   | Bearing, Fl 1.000 x .750 x .500               |
| 27   | 56003603 | 1   | Scr, Pan Phil Thd Form 1/4-20 x .38           | 74   | 56305553 | 2   | Bearing, .719 x .625 x .375                   |
| 28   | 56009017 | 2   | Wsh, Flt Harden .516 x .938 x.75              | 75   | 56360627 | 2   | Bushing                                       |
| 29   | 56110942 | 1   | Prop Weldt                                    |      | 56110752 | 1   | Idler Assembly (items 76-90)                  |
| 30   | 56110945 | 1   | Bushing, .385 x .500 x .270                   | 76   | 56479434 | 1   | Bushing                                       |
| 31   | 56111644 | 1   | Hinge Weldt                                   | 77   | 56002056 | 1   | Pin, Spr .25 X 1.25                           |
| 32   | 56111744 | 1   | Upper Rt Arm Weldt                            | 78   | 56002807 | 4   | Scr Hex SS 1/4-20 X .75                       |
| 33   | 56111913 | 1   | Bracket, Skirt Rt                             | 79   | 56002956 | 1   | Scr, Hex Hd Loc 5/16-18 x .75                 |
| 34   | 56111828 | 1   | Lower Arm Weldt                               | 80   | 56009033 | 2   | Scr, Hex Thd Form 1/4-20 X .50                |
| 35   | 56303024 | 4   | Bearing, Fl 1.000 x .750 x .500               | 81   | 56111916 | 1   | Brush Idler Weldt                             |
| 36   | 56305553 | 2   | Bearing, .719 x .625 x .375                   | 82   | 56110799 | 1   | Lever Weldment                                |
| 37   | 56360627 | 2   | Bushing                                       | 83   | 56110803 | 2   | Hinge   |
|      | 56111740 | 1   | Left Skirt Assy (items 38-59)                 | 84   | 56110804 | 1   | Latch   |
| 38   | 56002904 | 1   | Scr Hex SS 1/2-13 X 1.25                      | 85   | 56111206 | 1   | Blade Kit, Main Scrub-<br>Red Gum NOTE 1      |
| 39#  | 56002095 | 2   | Scr Hex 3/8-16 X 1.50                         | *    | 56111207 | 1   | Blade Kit, Main Scrub-<br>Gum Rubber NOTE 1   |
| 40   | 56002846 | 1   | Nut Hex Nyl Loc SS 1/2-13                     | 86   | 56111914 | 1   | Strap, Inner Blade                            |
| 41   | 56002840 | 4   | Nut, Hex Nyl Loc-Thin 1/4-20                  | 87   | 56111531 | 2   | Bearing, Ball                                 |
| 42   | 56003835 | 2   | Scr-Hex Loc SS 1/2-13 X 1.0                   | 88   | 56111792 | 1   | Washer, Step                                  |
| 43   | 56003790 | 4   | Scr Pan Phil SS Type A 1/4-10 X .50           | 89   | 56111793 | 2   | Seal Bearing                                  |
| 44   | 56009017 | 2   | Wsh, Flt Harden .516 X .938 X.75              | 90   | 56111915 | 1   | Hub-Idler                                     |
| 45   | 56009060 | 2   | Wsh, Flt SS .260 X 1.000 X .074               |      |          |     |   |

# = Revised or new since last update  
 \* = Optional, Not Included

NOTE 1 = Side Skirt Blade Kits include 4 side skirt blades (2 for each side skirt) plus 2 splash shield blades (1 for each end of the scrub deck).

SIDE BROOM SYSTEM - DUAL

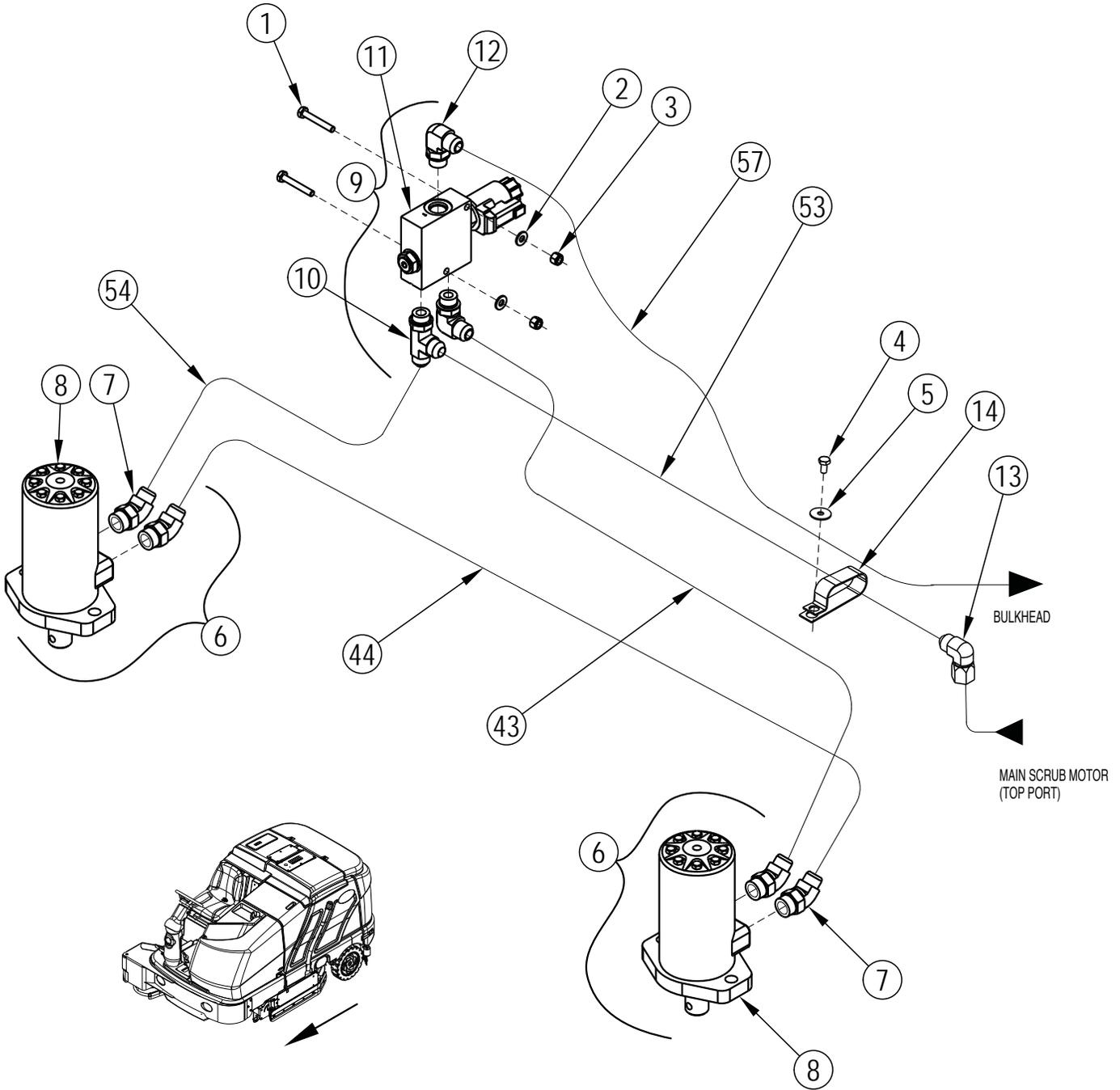


## SIDE BROOM SYSTEM - DUAL

| Item | Ref. No.   | Qty | Description   |
|------|------------|-----|---|
| 1    | 56001833   | 2   | Scr, Hex 1/4-20 x 1.50  |
| 2    | 56001873   | 1   | Scr, Hex 3/8-16 x 2.50  |
| 3    | 56001939   | 4   | Wsh, Flt SAE 5/16   |
| 5    | 56002063   | 2   | Wsh, Flt SAE 3/8  |
| 6    | 56002095   | 1   | Scr, Hex 3/8-16 x 1.50  |
| 8    | 56002221   | 4   | Scr, Hex 5/16-18 x 1.00   |
| 9    | 56002769   | 1   | Nut, Hex Nyl Loc 3/8-16   |
| 10   | 56002826   | 4   | Nut, Hex Nyl Loc-Thin 5/16-18                                   |
| 12   | 56002841   | 1   | Nut, Hex Nyl Loc-Thin 3/8-16                                    |
| 13   | 56003222   | 1   | Pin, Cotter Hair  |
| 14   | 56009005   | 4   | Scr, Pan Phil SS Type AB 10-16 x .75                            |
| 15   | 56009085   | 1   | Nut, Hex Jam 3/8-16   |
| 16   | 56009087   | 2   | Nut, Hex Jam 1/4-20   |
| 17   | 56110278   | 1   | Side Broom Assy-Left (see Side Broom Sub Assy - Left)           |
| 18   | 56111958   | 1   | Side Broom Lift Weldt   |
| 19   | 56111959   | 1   | Lever   |
| 20   | 56110288   | 1   | Side Broom Assy-Right (see Side Broom Sub Assy - Right)         |
| [ ]  | 56110547   | 1   | Harness, Side Scrub   |
| [ ]  | NA         | 1   | Dual Side Broom Hyd Assy (see Side Broom Hydraulic Assy - Dual) |
| 23   | 56111199   | 2   | Bearing, Pillow Block   |
| 24   | 56111261   | 2   | Nozzle Assy (See Side Broom Sub Assy - Pump)                    |
| 25   | NA         | 1   | Pump Assembly (See Side Broom Sub Assy - Pump)                  |
| 26   | 56264260   | 1   | Hose, Polyester Braid, .25 ID X 5.00 LG                         |
| 27   | 56305008   | 1   | Actuator, Motor   |
| 28   | 56317122   | 1   | Hose, Polyester Braid .25 Id X 25.0 LG                          |
| 29   | 56321404   | 1   | Pin, Clevis .312 X 1.84   |
| 30   | 56508441   | 1   | Tee, 1/4 Id Hose, Barb  |
| 31   | 56756364   | 4   | Clamp, Hose SAE #4  |
| 32   | 2-00-05253 | 2   | Clamp   |
| 33   | 56305798   | 1   | Foam Seal   |

[ ] = Not Shown

SIDE BROOM HYDRAULIC ASSY - DUAL

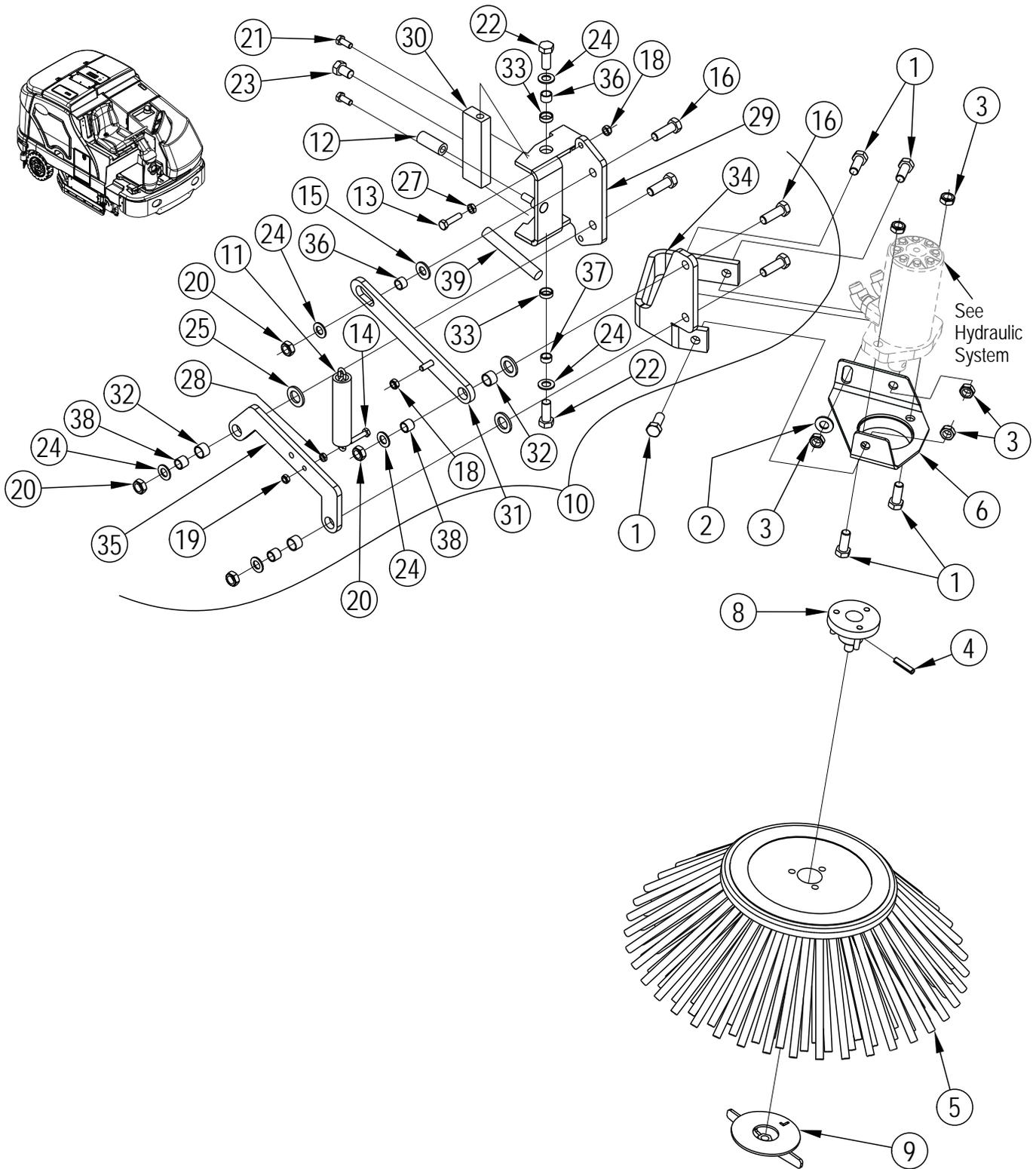


## SIDE BROOM HYDRAULIC ASSY - DUAL

| Item | Ref. No.   | Qty | Description  |
|------|------------|-----|--|
|      | NA         | 1   | Dual Side Broom Hyd Assy (items 1-14, 43, 44, 53, 54 & 57) |
| 1    | 56001967   | 2   | Scr, Hex 1/4-20 x 1.75                                     |
| 2    | 56002098   | 2   | Wsh, Flt SAE 1/4   |
| 3    | 56002840   | 2   | Nut, Hex Nyl Loc-Thin 1/4-20                               |
| 4    | 56003039   | 1   | Scr, Hex Hd Loc 1/4-20 x .50                               |
| 5    | 56009002   | 1   | Wsh, Flt .266 x .906 x .060                                |
| 6    | NA         | 2   | Hydraulic Motor Assy (items 7-8)                           |
| 7    | 56900164   | 4   | Elbow, 45 STR. -Thd.                                       |
| 8    | 56110411   | 2   | Motor, Hydraulic 17.9 CIR                                  |
| *    | 56479577   | A/R | Seal Kit   |
| *    | 56307149   | A/R | Viton Seal Kit   |
| 9    | NA         | 1   | Valve Assembly, Solenoid (10-12)                           |
| 10   | 56900204   | 1   | Tee, Run O-Ring  |
| 11   | 56110711   | 1   | Solenoid Valve, Motor                                      |
| *    | 56507686   | A/R | Cartridge  |
| *    | 56110715   | A/R | Replacement Coil   |
| *    | 56305370   | A/R | Replacement Check Valve                                    |
| *    | 56305354   | A/R | Seal Kit   |
| *    | 56111201   | A/R | Seal Kit   |
| 12   | 56900104   | 2   | Elbow, 90 O-Ring   |
| 13   | 56900304   | 1   | Elbow, 90 W/Nut  |
| 14   | 2-00-05253 | 1   | Clamp, 3/4" Wire, Double                                   |
| 43   | 56110778   | 1   | Hose Assy  |
| 44   | 56110779   | 1   | Hose Assy  |
| 53   | 56110792   | 1   | Hose Assy  |
| 54   | 56110793   | 1   | Hose Assy  |
| 57   | 56110796   | 1   | Hose Assy  |

\* = Optional, Not Included

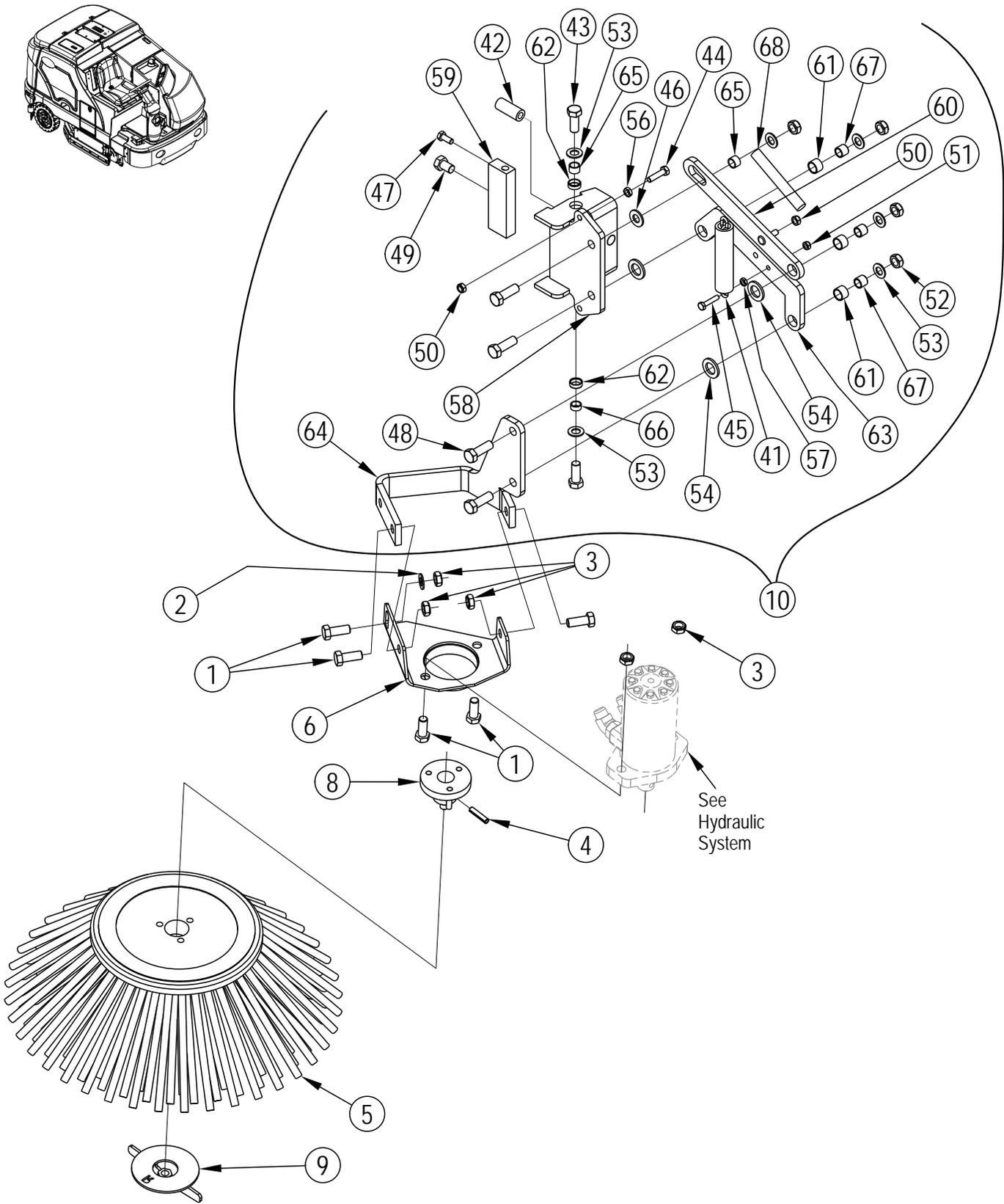
SIDE BROOM SUB ASSY - LEFT



## SIDE BROOM SUB ASSY - LEFT

| Item | Ref. No. | Qty | Description                           |
|------|----------|-----|---------------------------------------|
|      | 56110278 | 1   | Side Broom Assembly-Left (items 1-10) |
| 1    | 56001831 | 5   | Scr, Hex 1/2-13 X 1.25                |
| 2    | 56001879 | 1   | Wsh, Flt SAE 1/2                      |
| 3    | 56002843 | 5   | Nut, Hex Nyl Loc-Thin 1/2-13          |
| 4    | 56003494 | 1   | Pin, Spr .31 X 1.38                   |
| 5    | 56477812 | 1   | Broom, Side                           |
| 6    | 56111966 | 1   | Left SB Bracket Weldt                 |
| 8    | 56305723 | 1   | Left Hub Assy                         |
| 9    | 56305725 | 1   | Left Thumb Nut Weldt                  |
| 10   | 56110279 | 1   | Arm Assembly-Left (items 11-39)       |
| 11   | 56407335 | 1   | Chain Assembly                        |
| 12   | 56761327 | 1   | Spring, Comp                          |
| 13   | 56001834 | 1   | Scr, Hex 5/16-18 X 1.25               |
| 14   | 56001878 | 1   | Scr, Hex 1/4-20 X 1.25                |
| 15   | 56001879 | 1   | Wsh, Flt SAE 1/2                      |
| 16   | 56001968 | 4   | Scr, Hex 1/2-13 X 1.50                |
| 18   | 56002826 | 2   | Nut, Hex Nyl Loc-Thin 5/16-18         |
| 19   | 56002840 | 1   | Nut, Hex Nyl Loc-Thin 1/4-20          |
| 20   | 56002843 | 4   | Nut, Hex Nyl Loc-Thin 1/2-13          |
| 21   | 56002956 | 2   | Scr, Hex Hd Loc 5/16-18 x .75         |
| 22   | 56003022 | 2   | Scr, Hex Hd Loc 1/2-13 x 1.25         |
| 23   | 56003032 | 1   | Scr, Hex Hd Loc 1/2-13 x .75          |
| 24   | 56009017 | 6   | Wsh, Flt Harden .516 x .938 x .75     |
| 25   | 56009022 | 3   | Wsh, Flt .754 x 1.250 x .120          |
| 27   | 56009086 | 1   | Nut, Hex Jam 5/16-18                  |
| 28   | 56009087 | 1   | Nut, Hex Jam 1/4-20                   |
| 29   | 56111962 | 1   | Hinge Weldment                        |
| 30   | 56110290 | 1   | Pivot Block                           |
| 31   | 56111961 | 1   | Arm, Side Broom-Upper                 |
| 32   | 56304586 | 3   | Bearing .750 x .625 x .500            |
| 33   | 56304893 | 2   | Bearing, Sleeve .625 x .750 x .250    |
| 34   | 56111963 | 1   | Bracket, Left Side Broom              |
| 35   | 56111964 | 1   | Arm, Side Broom, Lower                |
| 36   | 56360627 | 2   | Bushing                               |
| 37   | 56365030 | 1   | Bushing .50 x .62 x .27               |
| 38   | 56367206 | 3   | Bushing                               |
| 39   | 56448112 | 1   | Spring Ext.                           |

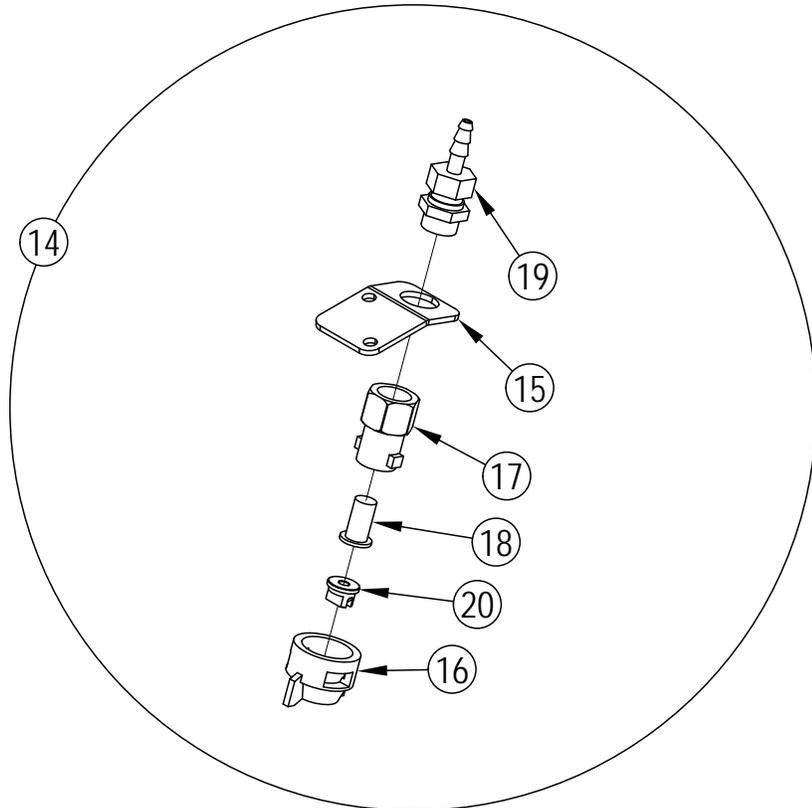
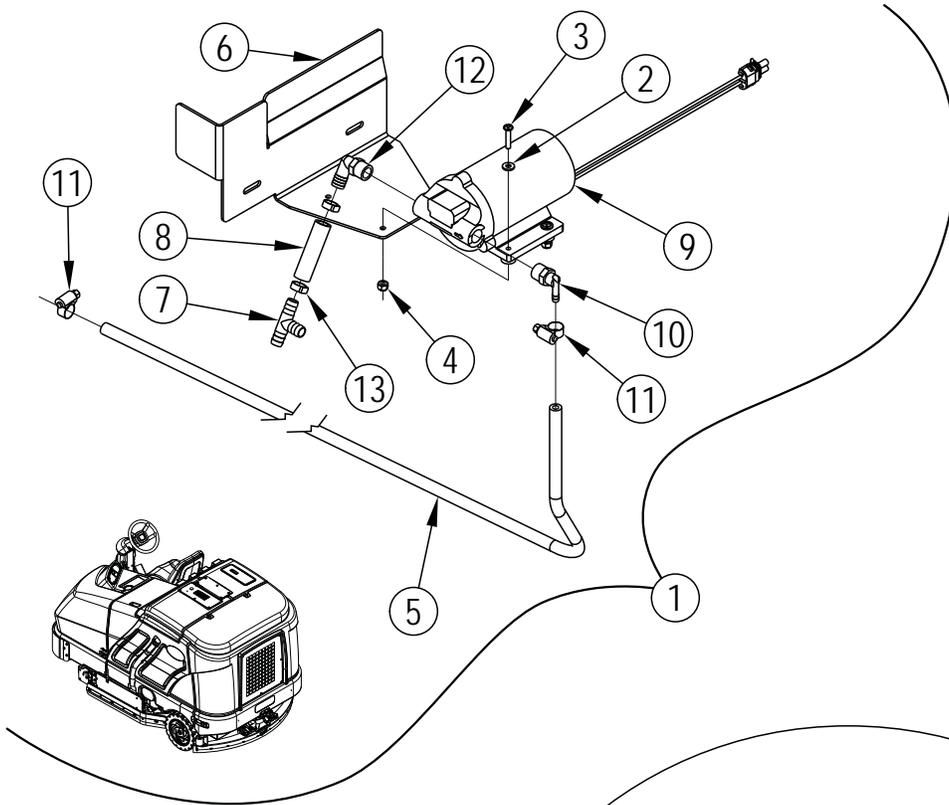
SIDE BROOM SUB ASSY - RIGHT



## SIDE BROOM SUB ASSY - RIGHT

| Item | Ref. No. | Qty | Description                            |
|------|----------|-----|--|
|      | 56110288 | 1   | Side Broom Assembly-Right (items 1-10) |
| 1    | 56001831 | 5   | Scr, Hex 1/2-13 X 1.25                 |
| 2    | 56001879 | 1   | Wsh, Flt SAE 1/2                       |
| 3    | 56002843 | 5   | Nut, Hex Nyl Loc-Thin 1/2-13           |
| 4    | 56003494 | 1   | Pin, Spr .31 X 1.38                    |
| 5    | 56477812 | 1   | Broom, Side                            |
| 6    | 56111960 | 1   | Motor Bracket Weldt                    |
| 8    | 56418543 | 1   | Right Side Broom Hub Assy              |
| 9    | 56305731 | 1   | Right Thumb Nut Weldt                  |
| 10   | 56110289 | 1   | Arm Assembly-Right (items 41-68)       |
| 41   | 56407335 | 1   | Chain Assembly                         |
| 42   | 56761327 | 1   | Spring, Comp                           |
| 43   | 56003022 | 2   | Scr, Hex Hd Loc 1/2-13 x 1.25          |
| 44   | 56001834 | 1   | Scr, Hex 5/16-18 x 1.25                |
| 45   | 56001878 | 1   | Scr, Hex 1/4-20 x 1.25                 |
| 46   | 56001879 | 1   | Wsh, Flt SAE 1/2                       |
| 47   | 56002956 | 1   | Scr, Hex Hd Loc 5/16-18 x .75          |
| 48   | 56001968 | 4   | Scr, Hex 1/2-13 x 1.50                 |
| 49   | 56003032 | 1   | Scr, Hex Hd Loc 1/2-13 x .75           |
| 50   | 56002826 | 2   | Nut, Hex Nyl Loc-Thin 5/16-18          |
| 51   | 56002840 | 1   | Nut, Hex Nyl Loc-Thin 1/4-20           |
| 52   | 56002843 | 4   | Nut, Hex Nyl Loc-Thin 1/2-13           |
| 53   | 56009017 | 6   | Wsh, Flt Harden .516 x .938 x .75      |
| 54   | 56009022 | 3   | Wsh, Flt .754 x 1.250 x .120           |
| 56   | 56009086 | 1   | Nut, Hex Jam 5/16-18                   |
| 57   | 56009087 | 1   | Nut, Hex Jam 1/4-20                    |
| 58   | 56111962 | 1   | Hinge Weldment                         |
| 59   | 56110290 | 1   | Pivot Block                            |
| 60   | 56111961 | 1   | Arm, Side Broom-Upper                  |
| 61   | 56304586 | 3   | Bearing .750 x .625 x .500             |
| 62   | 56304893 | 2   | Bearing, Sleeve .625 x .750 x .250     |
| 63   | 56111964 | 1   | Arm, Side Broom, Lower                 |
| 64   | 56111965 | 1   | Bracket, Side Broom                    |
| 65   | 56360627 | 2   | Bushing                                |
| 66   | 56365030 | 1   | Bushing .50 x .62 x .27                |
| 67   | 56367206 | 3   | Bushing                                |
| 68   | 56448112 | 1   | Spring Ext.                            |

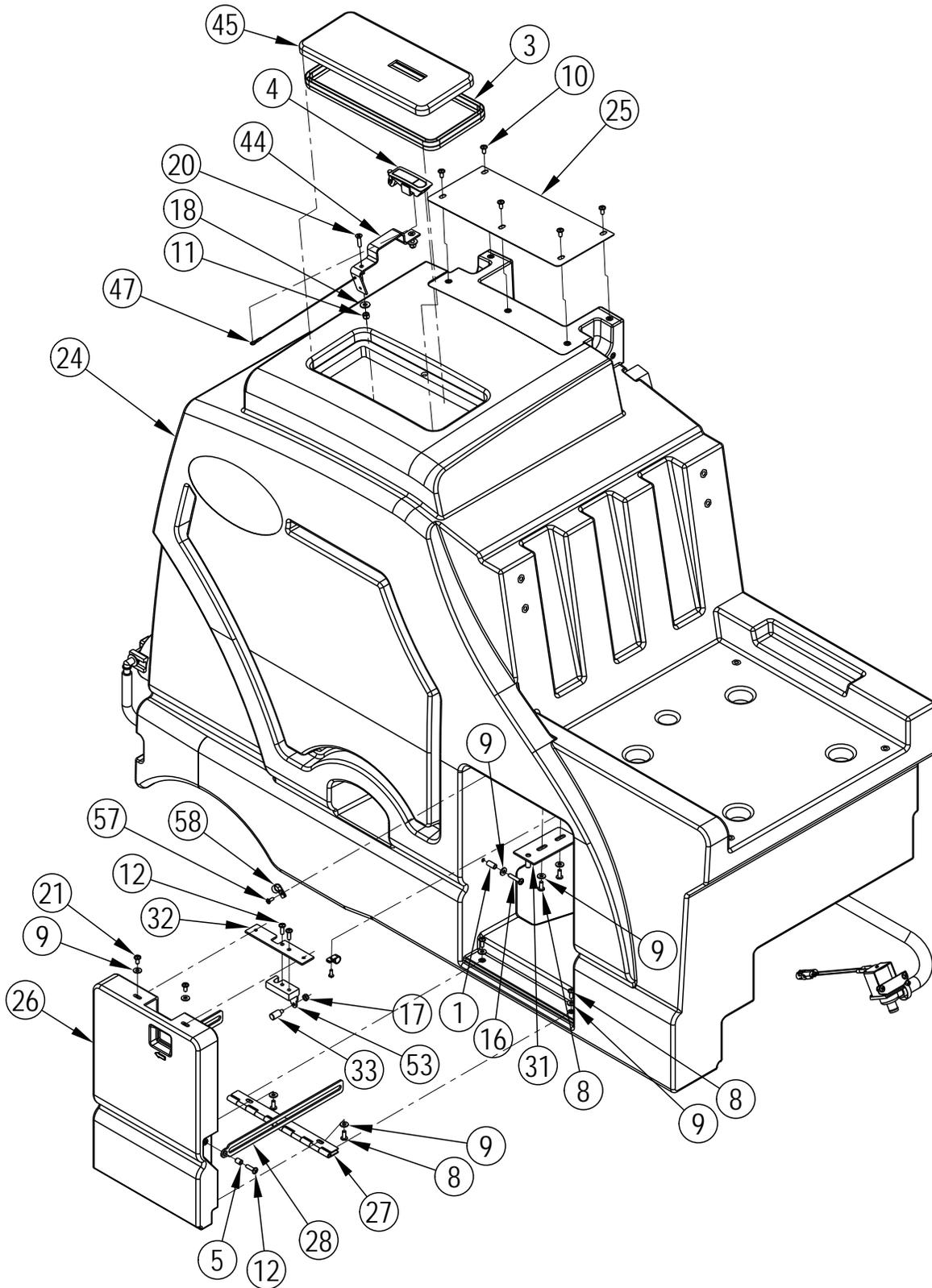
SIDE BROOM SUB ASSY - PUMP



## SIDE BROOM SUB ASSY - PUMP

| Item | Ref. No.   | Qty | Description                       |
|------|------------|-----|-----------------------------------|
| 1    | NA         | 1   | Pump Assembly (items 2-13)        |
| 2    | 56001954   | 4   | Wsh, Flt SAE #10                  |
| 3    | 56002674   | 4   | Scr, Pan Phil 10-24 X 1.00        |
| 4    | 56002768   | 4   | Nut, Hex Nyl Loc 10-24            |
| 5    | 56111477   | 1   | Hose, Polyester Braid .25 ID X 10 |
| 6    | 56111957   | 1   | Bracket, Pump Mnt                 |
| 7    | 56262549   | 1   | Tee, Barb                         |
| 8    | 56392347   | 1   | Hose, PVC Clear 2.5 Inch          |
| 9    | 56507851   | 1   | Pump, 24VDC                       |
| 10   | 56508442   | 1   | Elbow, Barb 1/4 X 3/8 NPT         |
| 11   | 56756364   | 2   | Clamp, Hose SAE #4                |
| 12   | 56900069   | 1   | Barb, 90 Elbow 1/2 X 3/8 NPT      |
| 13   | 2-95-04388 | 2   | Clamp, Hose                       |
| 14   | 56111261   | 1   | Nozzle Assy (items 15-20)         |
| 15   | 56111956   | 1   | Spray Nozzle Bracket              |
| 16   | 56507908   | 1   | Cap, Nozzle                       |
| 17   | 56507909   | 1   | Adapter, Nozzle                   |
| 18   | 56507916   | 1   | Strainer, Check Valve             |
| 19   | 56508449   | 1   | Adaptor Nozzle                    |
| 20   | 56508450   | 1   | Nozzle, Spray (.033)              |

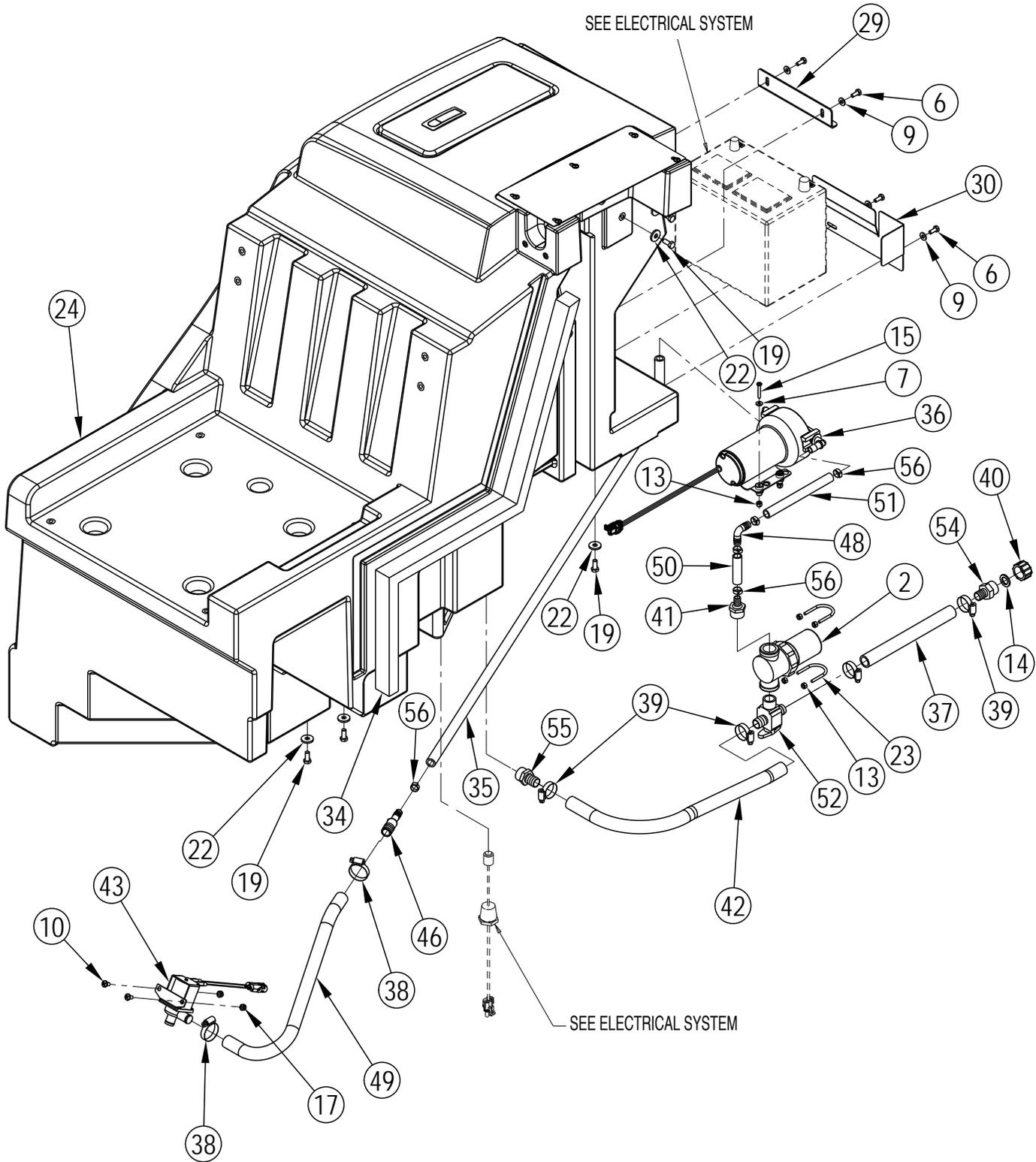
SOLUTION SYSTEM - 1



## SOLUTION SYSTEM - 1

| Item | Ref. No. | Qty | Description                         | Item | Ref. No.   | Qty | Description                |
|------|----------|-----|-------------------------------------|------|------------|-----|----------------------------|
| 1    | 56330741 | 2   | Bushing .250 x .375 x .75           | 31   | 56110917   | 1   | Latch Pin Weldment         |
| 2    | 56407162 | 1   | Filter                              | 32   | 56110918   | 1   | Plate, Latch Mount         |
| 3    | 56407282 | 1   | Gasket                              | 33   | 56110919   | 1   | Latch Pin                  |
| 4    | 56418471 | 1   | Door Latch                          | 34   | 56111066   | 1   | Seal, Solution Tank        |
| 5    | 56330027 | 2   | Bushing                             | 35   | 56111122   | 1   | Hose, Spiral, .50 X 69.0   |
| 6    | 56001836 | 4   | Scr, Hex 1/4-20 X .62               | 36   | 56111387   | 1   | Pump Assy, 12vdc - 60 PSI  |
| 7    | 56001954 | 4   | Wsh, Flt SAE #10                    | 37   | 56111458   | 1   | Hose, .75 X 9.50           |
| 8    | 56002066 | 6   | Scr, Pan Phil 1/4-20 X .62          | 38   | 56131601   | 2   | Clamp, Hose SAE #16        |
| 9    | 56002098 | 14  | Wsh, Flt SAE 1/4                    | 39   | 56244969   | 4   | Clamp, Hose SAE #12        |
| 10   | 56002145 | 7   | Scr, Pan Phil 1/4-20 X .50          | 40   | 56255076   | 1   | Cap, Pipe GHT Nylon        |
| 11   | 56002491 | 2   | Nut, Hex Nyl Loc SS 1/4-20          | 41   | 56262190   | 1   | Barb                       |
| 12   | 56002507 | 4   | Scr, Pan Phil 1/4-20 X .75          | 42   | 56264262   | 1   | Hose, Spiral .75 E00605    |
| 13   | 56002768 | 8   | Nut, Hex Nyl Loc 10-24              | 43   | 56305103   | 1   | Solenoid Valve Assy        |
| 14   | 56368776 | 2   | Washer, Rubber                      | 44   | 56305206   | 1   | Plate, Latch               |
| 15   | 56002824 | 4   | Scr, Pan Phil 10-24 X 1.25          | 45   | 56305209   | 1   | Cover, Solution Tank       |
| 16   | 56002825 | 2   | Scr, Pan Phil 1/4-20 X 1.25         | 46   | 56315625   | 1   | Barb, Coupler 1/2 X 3/4    |
| 17   | 56002840 | 3   | Nut, Hex Nyl Loc-Thin 1/4-20        | 47   | 56330391   | 1   | Wire Rope, 12 Inch         |
| 18   | 56002914 | 2   | Wsh, Flt Std SS 1/4                 | 48   | 56386183   | 1   | Barbed Elbow 90            |
| 19   | 56002956 | 5   | Scr, Hex Hd Loc 5/16-18 x .75       | 49   | 56392833   | 1   | Hose, Spiral .75 X 12.00   |
| 20   | 56003074 | 2   | Scr, Flt Phil SS 1/4-20 X 1.00      | 50   | 56392347   | 1   | Hose, PVC Clear 2.5 Inch   |
| 21   | 56009062 | 2   | Scr, Pan Phil Thd Form 1/4-20 X .50 | 51   | 56397207   | 1   | Hose, PVC Clear 7.00       |
| 22   | 56009122 | 5   | Wsh, Flt .344 X .938 X .125         | 52   | 56413581   | 1   | Valve, T Shutoff           |
| 23   | 56110318 | 2   | U-Bolt 10-24 X R.69                 | 53   | 56413802   | 1   | Latch, RH                  |
| 24   | 56110380 | 1   | Tank, Solution                      | 54   | 56900273   | 1   | Barb, Adapter 3/4 X 3/4GHT |
| 25   | 56110636 | 1   | Cover                               | 55   | 56456801   | 1   | Barb, Adapter 3/4 X 3/4NPT |
| 26   | 56110740 | 1   | Cover, Chemical Injection           | 56   | 2-95-04388 | 6   | Clamp, Hose                |
| 27   | 56110741 | 1   | Hinge                               | 57   | 56001993   | 2   | Scr-Pan Phil 10-24 x .50   |
| 28   | 56110744 | 2   | Support, Door                       | 58   | 56172017   | 2   | Clamp-P                    |
| 29   | 56110893 | 1   | Bracket, Battery Upper              |      |            |     |                            |
| 30   | 56110894 | 1   | Bracket, Battery Lower              |      |            |     |                            |

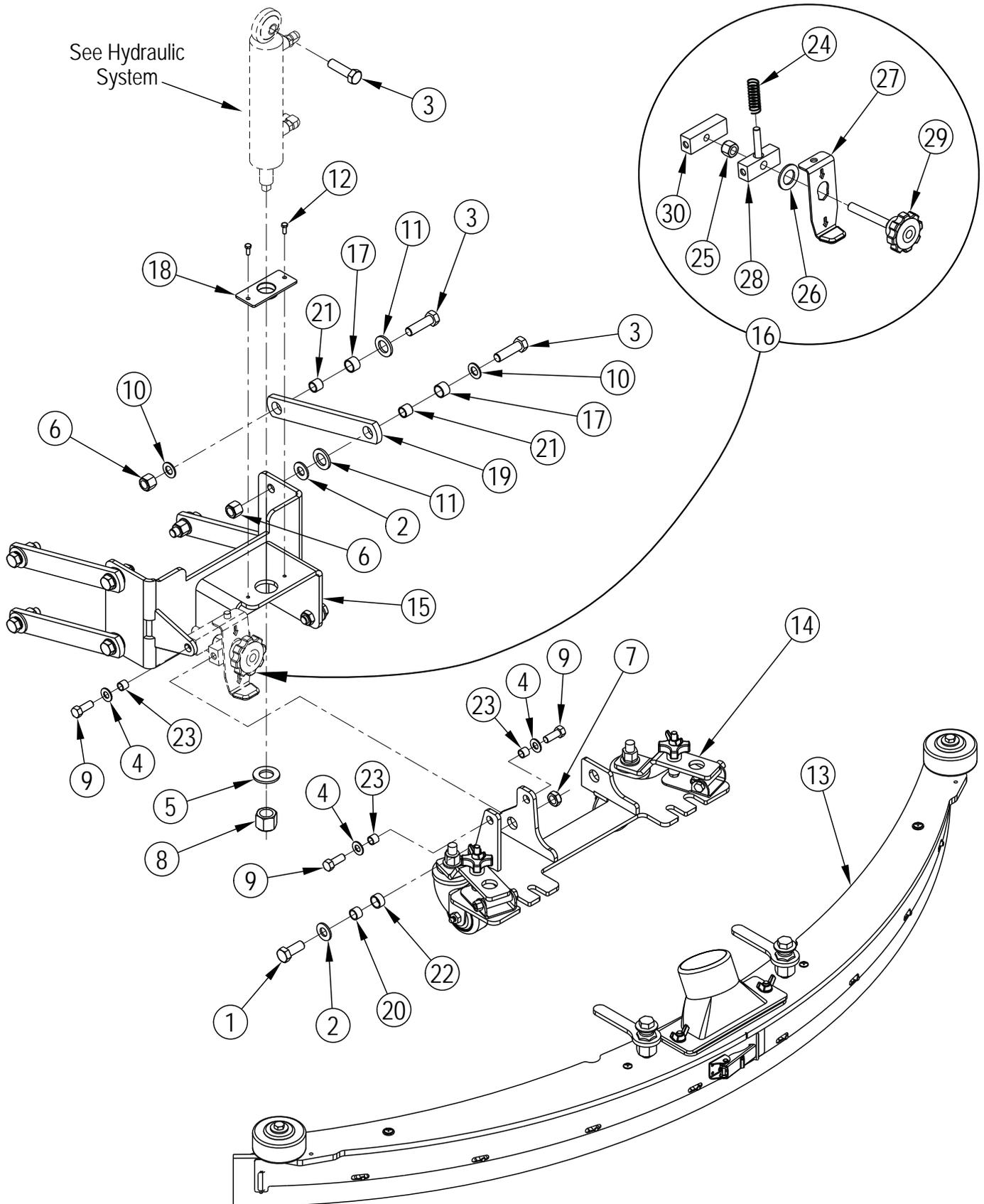
SOLUTION SYSTEM - 2



## SOLUTION SYSTEM - 2

| Item | Ref. No. | Qty | Description                         | Item | Ref. No.   | Qty | Description                |
|------|----------|-----|-------------------------------------|------|------------|-----|----------------------------|
| 1    | 56330741 | 2   | Bushing .250 x .375 x .75           | 31   | 56110917   | 1   | Latch Pin Weldment         |
| 2    | 56407162 | 1   | Filter                              | 32   | 56110918   | 1   | Plate, Latch Mount         |
| 3    | 56407282 | 1   | Gasket                              | 33   | 56110919   | 1   | Latch Pin                  |
| 4    | 56418471 | 1   | Door Latch                          | 34   | 56111066   | 1   | Seal, Solution Tank        |
| 5    | 56330027 | 2   | Bushing                             | 35   | 56111122   | 1   | Hose, Spiral, .50 X 69.0   |
| 6    | 56001836 | 4   | Scr, Hex 1/4-20 X .62               | 36   | 56111387   | 1   | Pump Assy, 12vdc - 60 PSI  |
| 7    | 56001954 | 4   | Wsh, Flt SAE #10                    | 37   | 56111458   | 1   | Hose, .75 X 9.50           |
| 8    | 56002066 | 6   | Scr, Pan Phil 1/4-20 X .62          | 38   | 56131601   | 2   | Clamp, Hose SAE #16        |
| 9    | 56002098 | 14  | Wsh, Flt SAE 1/4                    | 39   | 56244969   | 4   | Clamp, Hose SAE #12        |
| 10   | 56002145 | 7   | Scr, Pan Phil 1/4-20 X .50          | 40   | 56255076   | 1   | Cap, Pipe GHT Nylon        |
| 11   | 56002491 | 2   | Nut, Hex Nyl Loc SS 1/4-20          | 41   | 56262190   | 1   | Barb                       |
| 12   | 56002507 | 4   | Scr, Pan Phil 1/4-20 X .75          | 42   | 56264262   | 1   | Hose, Spiral .75 E00605    |
| 13   | 56002768 | 8   | Nut, Hex Nyl Loc 10-24              | 43   | 56305103   | 1   | Solenoid Valve Assy        |
| 14   | 56368776 | 2   | Washer, Rubber                      | 44   | 56305206   | 1   | Plate, Latch               |
| 15   | 56002824 | 4   | Scr, Pan Phil 10-24 X 1.25          | 45   | 56305209   | 1   | Cover, Solution Tank       |
| 16   | 56002825 | 2   | Scr, Pan Phil 1/4-20 X 1.25         | 46   | 56315625   | 1   | Barb, Coupler 1/2 X 3/4    |
| 17   | 56002840 | 3   | Nut, Hex Nyl Loc-Thin 1/4-20        | 47   | 56330391   | 1   | Wire Rope, 12 Inch         |
| 18   | 56002914 | 2   | Wsh, Flt Std SS 1/4                 | 48   | 56386183   | 1   | Barbed Elbow 90            |
| 19   | 56002956 | 5   | Scr, Hex Hd Loc 5/16-18 x .75       | 49   | 56392833   | 1   | Hose, Spiral .75 X 12.00   |
| 20   | 56003074 | 2   | Scr, Flt Phil SS 1/4-20 X 1.00      | 50   | 56392347   | 1   | Hose, PVC Clear 2.5 Inch   |
| 21   | 56009062 | 2   | Scr, Pan Phil Thd Form 1/4-20 X .50 | 51   | 56397207   | 1   | Hose, PVC Clear 7.00       |
| 22   | 56009122 | 5   | Wsh, Flt .344 X .938 X .125         | 52   | 56413581   | 1   | Valve, T Shutoff           |
| 23   | 56110318 | 2   | U-Bolt 10-24 X R.69                 | 53   | 56413802   | 1   | Latch, RH                  |
| 24   | 56110380 | 1   | Tank, Solution                      | 54   | 56900273   | 1   | Barb, Adapter 3/4 X 3/4GHT |
| 25   | 56110636 | 1   | Cover                               | 55   | 56456801   | 1   | Barb, Adapter 3/4 X 3/4NPT |
| 26   | 56110740 | 1   | Cover, Chemical Injection           | 56   | 2-95-04388 | 6   | Clamp, Hose                |
| 27   | 56110741 | 1   | Hinge                               | 57   | 56001993   | 2   | Scr-Pan Phil 10-24 x .50   |
| 28   | 56110744 | 2   | Support, Door                       | 58   | 56172017   | 2   | Clamp-P                    |
| 29   | 56110893 | 1   | Bracket, Battery Upper              |      |            |     |                            |
| 30   | 56110894 | 1   | Bracket, Battery Lower              |      |            |     |                            |

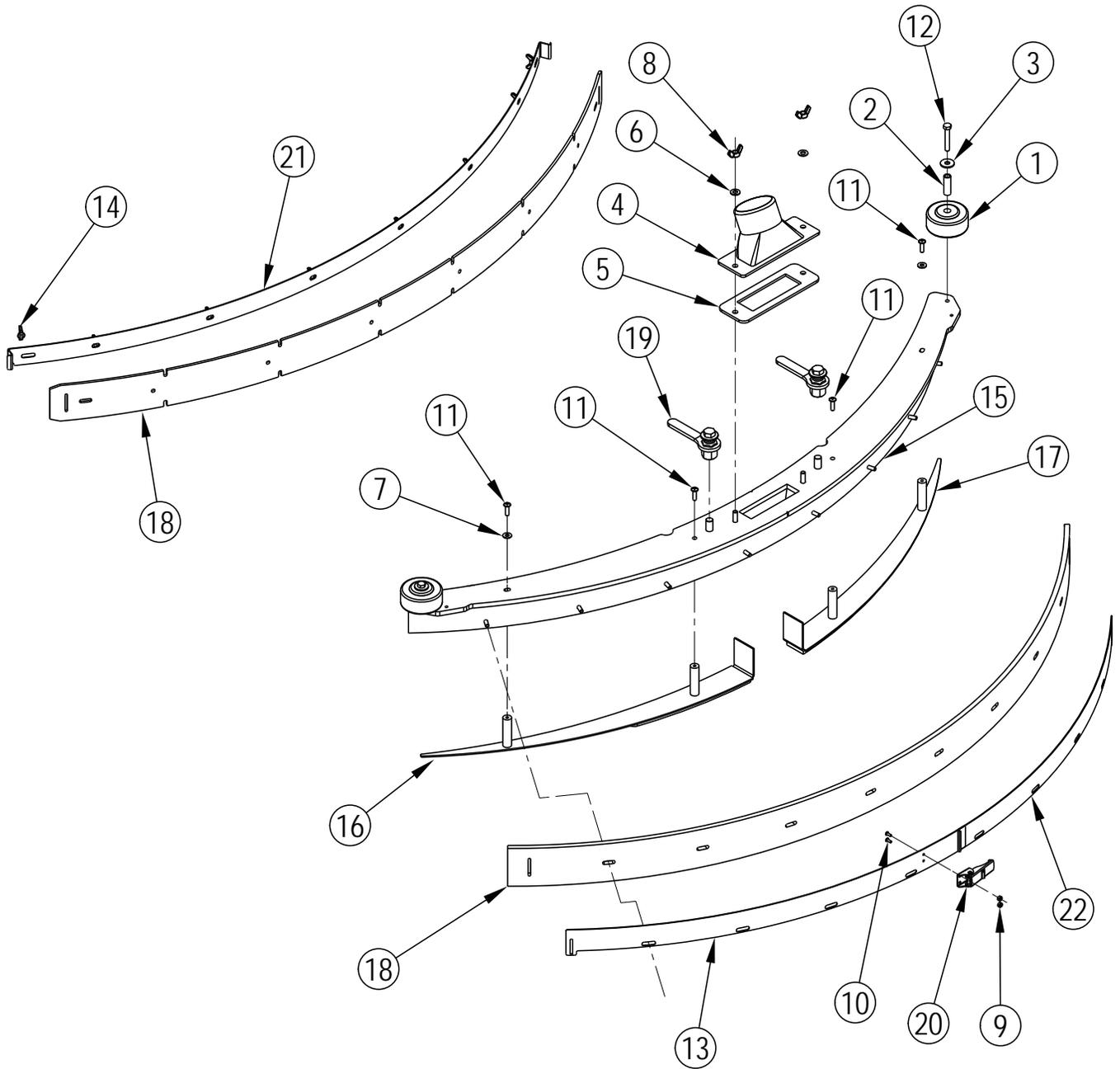
SQUEEGEE SYSTEM



## SQUEEGEE SYSTEM

| Item | Ref. No. | Qty | Description                                   |
|------|----------|-----|---|
| 1    | 56002904 | 2   | Scr Hex SS 1/2-13 X 1.25                      |
| 2    | 56002918 | 6   | Wsh Flt SAE SS 1/2                            |
| 3    | 56002888 | 9   | Scr Hex Hd SS 1/2-13X1.75                     |
| 4    | 56002910 | 4   | Wsh Flt SAE SS 3/8                            |
| 5    | 56003852 | 1   | Wsh-Flt SAE SS 3/4                            |
| 6    | 56002846 | 8   | Nut Hex Nyl Loc SS 1/2-13                     |
| 7    | 56002854 | 2   | Nut Hex Nyl Loc-Thin SS 1/2-13                |
| 8    | 56002862 | 1   | Nut, Hex Nyl Loc 3/4-10                       |
| 9    | 56003914 | 4   | Scr-Hex Loc SS 3/8-16 X 1.00                  |
| 10   | 56009017 | 8   | Wsh, Flt Harden .516 x .938 x .75             |
| 11   | 56009022 | 8   | Wsh, Flt .754 x 1.250 x .120                  |
| 12   | 56009039 | 2   | Scr, Hex Thd Form 10-24 x .50                 |
| 13   | 56110873 | 1   | Squeegee Assembly (see Squeegee Assy)         |
| 14   | 56110886 | 1   | Squeegee Mount Assy (see Squeegee Mount Assy) |
| 15   | 56111940 | 1   | Squeegee Lift Weldt                           |
| 16   | 56111731 | 1   | Adjuster Assy (items 24-30)                   |
| 17   | 56304586 | 8   | Bearing .750 x .625 x .500                    |
| 18   | 56304590 | 1   | Plate, Guide                                  |
| 19   | 56111931 | 4   | Arm Parallel 7.5in                            |
| 20   | 56360627 | 2   | Bushing                                       |
| 21   | 56367206 | 8   | Bushing                                       |
| 22   | 56370878 | 2   | Bearing, Sleeve                               |
| 23   | 56388326 | 4   | Bushing                                       |
| 24   | 56379170 | 1   | Spring, Compression                           |
| 25   | 56003312 | 1   | Nut, Hex Nyl Loc M12-1.75                     |
| 26   | 56003791 | 1   | Wsh, Flt SS .875 x 1.500 x .105               |
| 27   | 56111723 | 1   | Lock, Adjuster                                |
| 28   | 56111724 | 1   | Pivot Weldment                                |
| 29   | 56111729 | 1   | Knob Assembly                                 |
| 30   | 56111732 | 1   | Bar, Squeegee Adj                             |

SQUEEGEE ASSY



## SQUEEGEE ASSY

| Item | Ref. No. | Qty | Description  |
|------|----------|-----|--|
|      | 56110873 | 1   | Squeegee Assy (items 1-22)                                 |
| 1    | 56386127 | 2   | Wheel 3.00 X 1.25  |
| 2    | 56454249 | 2   | Bushing  |
| 3    | 56003646 | 2   | Wsh, Flt SS 8mm  |
| 4    | 56459102 | 1   | Adapter, Squeegee  |
| 5    | 56459281 | 1   | Gasket, Inlet  |
| 6    | 56002938 | 2   | Wsh Flt SAE SS 5/16  |
| 7    | 56002859 | 2   | Wsh Flt SAE SS 1/4   |
| 8    | 56002370 | 2   | Nut, Wing 5/16-18  |
| 9    | 56002907 | 2   | Nut, Hex Nyl Loc SS 6-32                                   |
| 10   | 56002909 | 2   | Scr, Pan Phil SS 6-32 X .38                                |
| 11   | 56003087 | 4   | Scr, Pan Phil SS 1/4-20 X .88                              |
| 12   | 56003802 | 2   | Scr- Hex Ss M8-1.25 X 50mm                                 |
| 13   | 56109621 | 1   | Strap, Rear H <b>NOTE 1</b>                                |
| 14   | 56009111 | 8   | Nut, Wing SS 1/4-20  |
| 15   |          | 1   | Squeegee Weldment <b>NOTE 2</b>                            |
| 16   | 56111938 | 1   | Left Plate Weldt   |
| 17   | 56111939 | 1   | Right Plate Weldt  |
| 18   | 56111650 | 1   | Kit, Red Gum Rubber Squeegee Blade H ( <b>standard</b> )   |
| *    | 56413642 | 1   | Blade Sqgee Red Gum RR H ( <b>included with 56111650</b> ) |
| *    | 56111652 | 1   | Kit, Gum Rubber Squeegee Blade H                           |
| *    | 56413710 | 1   | Blade Squeegee Gum RR H ( <b>included with 56111652</b> )  |
| *    | 56111203 | 1   | Kit, Polyurethane Squeegee Blade                           |
| *    | 56111205 | 1   | Blade Rear SQ PU H 63 ( <b>included with 56111203</b> )    |
| 19   | 56305616 | 2   | Crank Assy   |
| 20   | 56471194 | 1   | Latch Assembly   |
| 21   | 56109620 | 1   | Strap, Front H <b>NOTE 1</b>                               |
| 22   | 56109677 | 1   | Strap, Rear H <b>NOTE 1</b>                                |

\* = Optional, Not Included

**NOTE 1:** Items 13, 21 & 22 can be ordered as Strap Kit H 56109622.

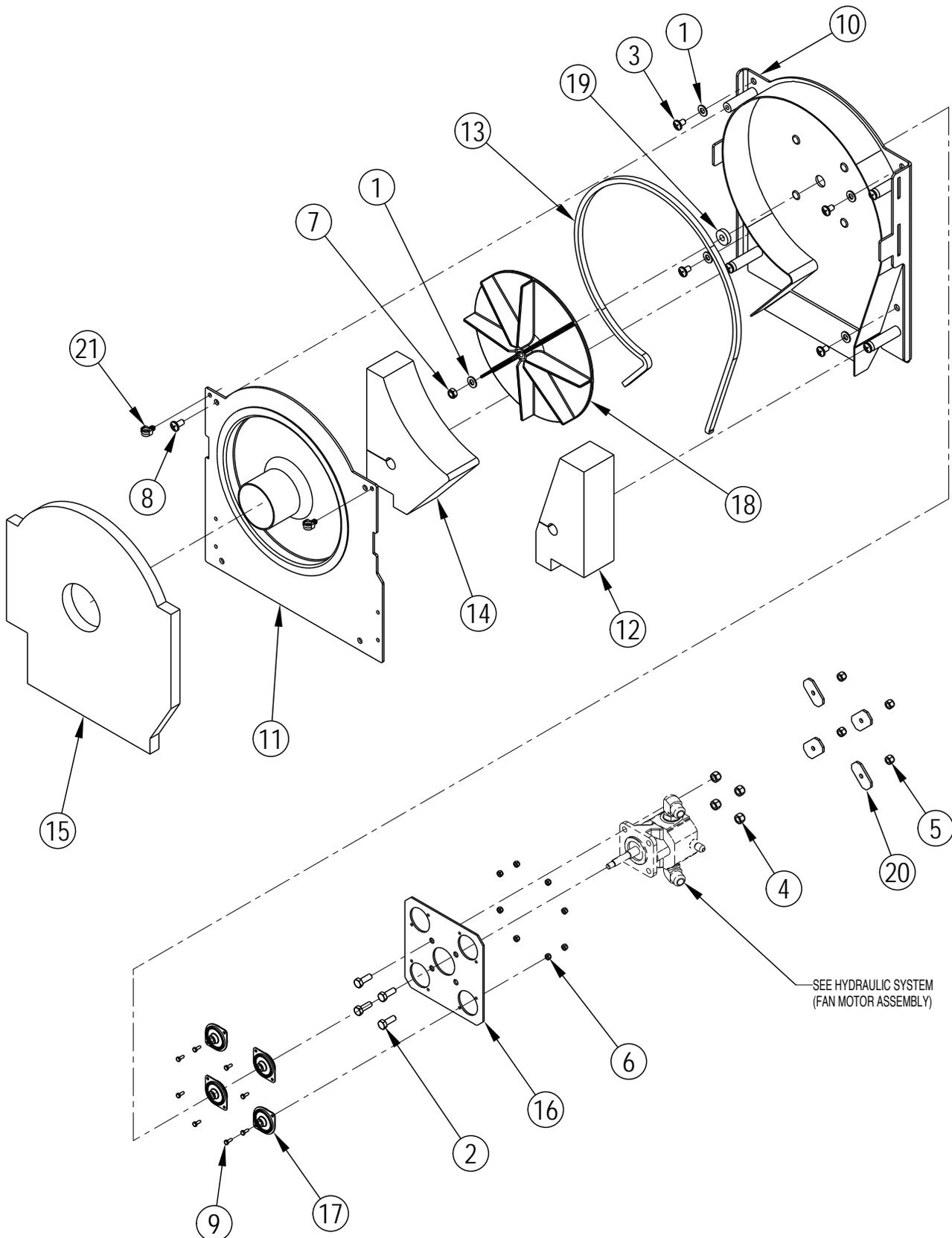
**NOTE 2:** The squeegee weldment is not available for sale separately. If you need to replace your squeegee weldment please order the complete Squeegee Assy 56110873.



## SQUEEGEE MOUNT ASSY

| Item | Ref. No. | Qty | Description                          |
|------|----------|-----|--------------------------------------|
|      | 56110886 | 1   | Squeegee Mount Assy (items 1-14)     |
| 1    | 56001879 | 2   | Wsh, Flt SAE 1/2                     |
| 2    | 56002938 | 2   | Wsh Flt SAE SS 5/16                  |
| 3    | 56002770 | 2   | Nut, Hex Nyl Loc 1/2-13              |
| 4    | 56003405 | 2   | Nut, Hex Nyl Loc SS M8-1.25          |
| 5    | 56003463 | 2   | Scr, Hex Thd To Hd SS 5/16-18 x 3.25 |
| 6    | 56003464 | 2   | Scr, Hex SS M8-1.25 x 60mm           |
| 7    | 56003465 | 2   | Nut, Wing SS 5/16-18                 |
| 8    | 56009141 | 4   | Nut Hex Jam SS 5/16-18               |
| 9    | 56111934 | 1   | Squeegee Mount Weldt                 |
| 10   | 56111936 | 2   | Bracket                              |
| 11   | 56407344 | 2   | Caster Wheel                         |
| 12   | 56407510 | 2   | Knob, 5/16-18 Nyloc                  |
| 13   | 56111935 | 2   | Castor Bracket Weldment              |
| 14   | 56111803 | 2   | Bushing                              |

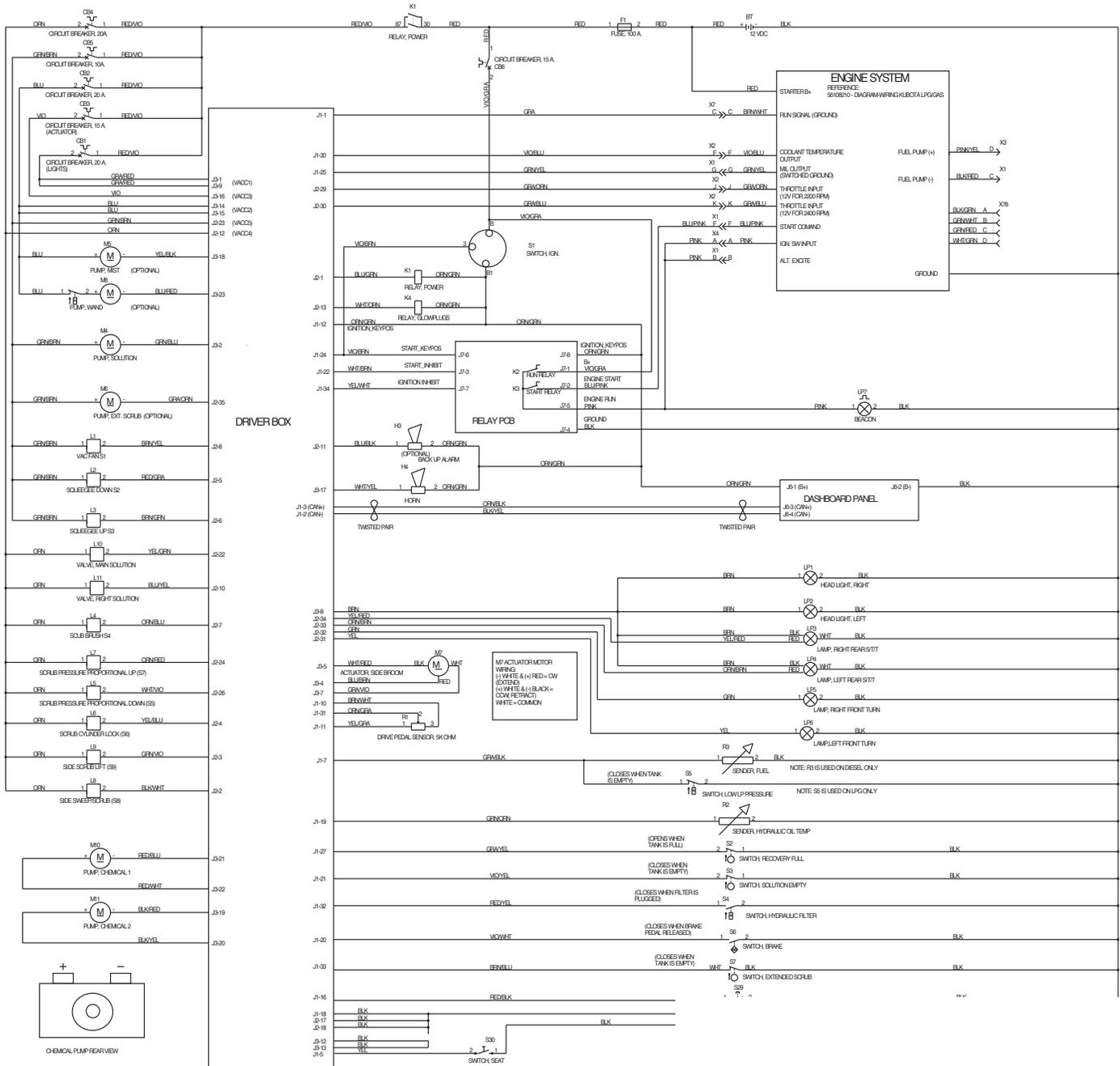
## VAC FAN ASSY



## VAC FAN ASSY

| Item | Ref. No. | Qty | Description                   |
|------|----------|-----|-------------------------------|
|      | 56111549 | 1   | Vacuum Fan Assy (items 1-21)  |
| 1    | 56001939 | 5   | Wsh, Flt Sae 5/16             |
| 2    | 56002037 | 4   | Scr, Hex 5/16-18 X .88        |
| 3    | 56002281 | 4   | Scr, Pan Phil 5/16-18 X .50   |
| 4    | 56002701 | 4   | Nut, Hex Nyl Loc 5/16-18      |
| 5    | 56002708 | 4   | Nut, Hex Nyl Loc 1/4-20       |
| 6    | 56002830 | 8   | Nut, Hex Nyl Loc 6-32         |
| 7    | 56002866 | 1   | Nut, Hex Nyl Loc-Thin 5/16-24 |
| 8    | 56003003 | 4   | Scr, Pan Phil 5/16-18 X .62   |
| 9    | 56003068 | 8   | Scr, Hex 6-32 X .38           |
| 10   | 56111544 | 1   | Scroll Weldt                  |
| 11   | 56111545 | 1   | Vac Fan Cover Weldt           |
| 12   | 56111563 | 1   | Foam, Sound Reduction         |
| 13   | 56111565 | 1   | Seal                          |
| 14   | 56111566 | 1   | Foam, Sound Reduction         |
| 15   | 56111576 | 1   | Foam, Sound                   |
| 16   | 56304647 | 1   | Plate, Motor Mount            |
| 17   | 56304652 | 4   | Isolator, Vibration           |
| 18   | 56305018 | 1   | Impeller                      |
| 19   | 56305022 | 1   | Spacer, .375 X 1.00 X .25     |
| 20   | 56305714 | 4   | Washer, Snubbing              |
| 21   | 56315382 | 2   | Clip, Conduit                 |

# LADDER DIAGRAM - LPG



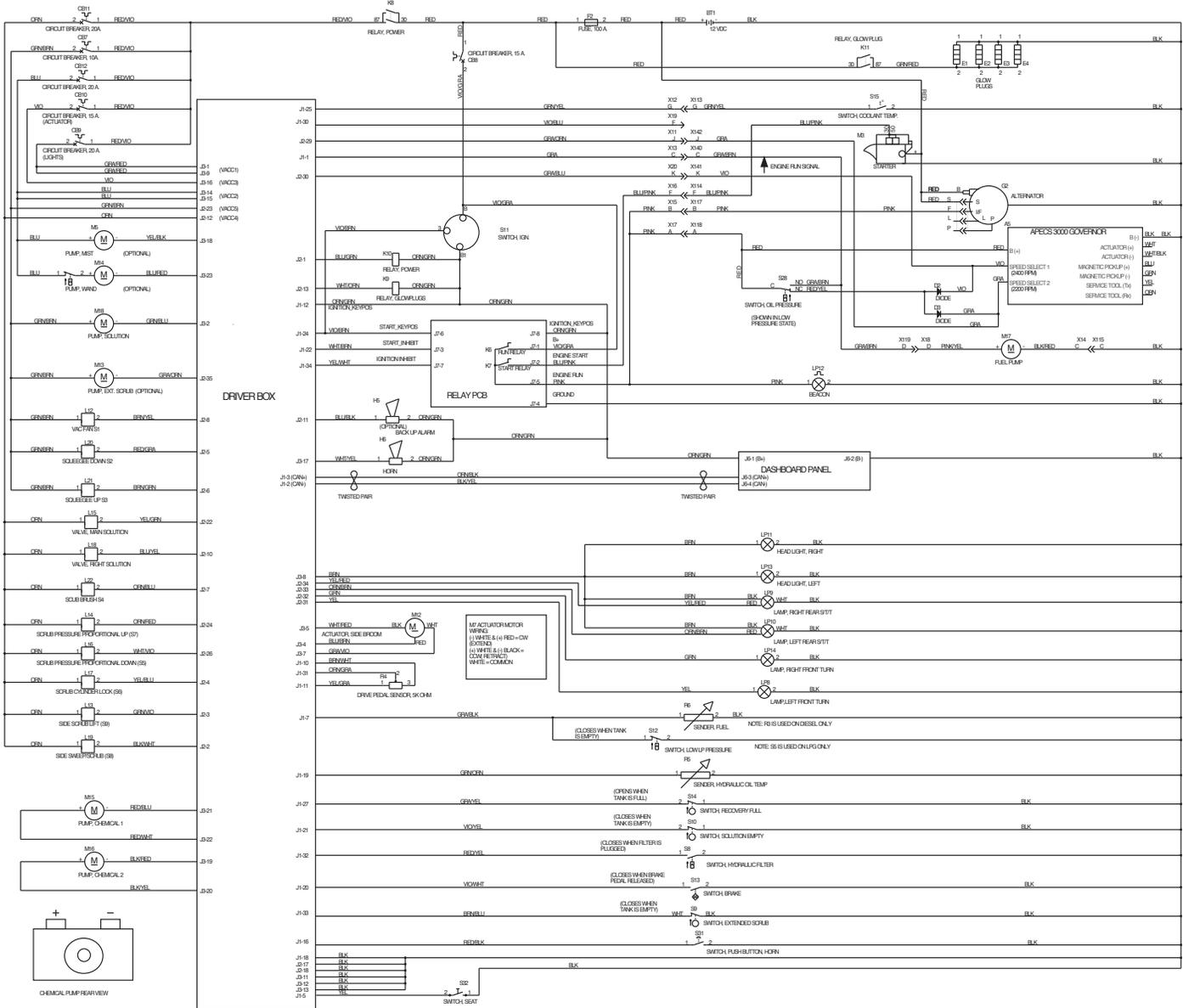
LADDER DIAGRAM - LPG

| Item | Ref. No. | Qty | Description   | Item | Ref. No.   | Qty | Description                               |
|------|----------|-----|---|------|------------|-----|---|
|      | NA       | 1   | Engine System   | M4   | 56111387   | 1   | Pump, Solution                            |
|      | NA       | 1   | Driver Box  | M5   | 56507851   | 1   | Pump, Mist <b>(optional)</b>              |
|      | 56381129 | 1   | Dashboard Panel   | M6   | 56111387   | 1   | Pump, Ext. Scrub <b>(optional)</b>        |
|      | 56110530 | 1   | Relay PCB   | M7   | 56305008   | 1   | Actuator, Side Broom                      |
| BT#  | NA       | 1   | Battery 12V   | M8   | 56111671   | 1   | Pump, Wand <b>(optional)</b>              |
| CB1  | 56413822 | 1   | Circuit Breaker, 20 Amp <b>(lights)</b>                                       | M10  | 56110742   | 1   | Pump, Chemical 1                          |
| CB2  | 56413822 | 1   | Circuit Breaker, 20 Amp   | M11  | 56110742   | 1   | Pump, Chemical 2                          |
| CB3  | 56413407 | 1   | Circuit Breaker, 15 Amp <b>(actuator)</b>                                     | R1   | 56305129   | 1   | Drive Pedal Sensor, 5K Ohm                |
| CB4  | 56413822 | 1   | Circuit Breaker, 20 Amp   | R2   | 56305873   | 1   | Sender, Hydraulic Oil Temp                |
| CB5  | 56507644 | 1   | Circuit Breaker, 10 Amp   | S1   | 56111109   | 1   | Switch, Ignition                          |
| CB6  | 56413407 | 1   | Circuit Breaker, 15 Amp   | *    | 56303526   | 1   | Replacement Key                           |
| F1   | 56111123 | 1   | Fuse, 100 Amp   | S2   | 56110561   | 1   | Switch, Recovery Full                     |
| H3   | 56409232 | 1   | Back-Up Alarm   | S3   | 56413669   | 1   | Switch, Solution Empty                    |
| H4   | 56442054 | 1   | Horn  | S4   | NA         | 1   | Switch, Hydraulic Filter                  |
| K1   | 56110423 | 1   | Relay, Power  | S5   | 56418381   | 1   | Switch, Low LP Pressure <b>(LPG only)</b> |
| K2   | NA       | 1   | Relay, Run  | S6   | 56305053   | 1   | Switch, Brake                             |
| K3   | NA       | 1   | Relay, Start  | S7   | 56111270   | 1   | Switch, Extended Scrub                    |
| L1   | NA       | 1   | Vacuum Fan Valve, S1  | S29  | 8-82-00024 | 1   | Switch, Push Button, Horn                 |
| L2   | NA       | 1   | Squeegee Down Valve, S2   | S30  | 7-82-00050 | 1   | Switch, Seat                              |
| L3   | NA       | 1   | Squeegee Up Valve, S3   |      |            |     |   |
| L4   | NA       | 1   | Scrub Brush Valve, S4   |      |            |     |   |
| L5   | NA       | 1   | Scrub Pressure Proportional Down Valve, S5                                    |      |            |     |   |
| L6   | NA       | 1   | Scrub Cylinder Lock Valve, S6   |      |            |     |   |
| L7   | NA       | 1   | Scrub Pressure Proportional Up Valve, S7                                      |      |            |     |   |
| L8   | NA       | 1   | Side Sweep/Scrub Valve, S8  |      |            |     |   |
| L9   | NA       | 1   | Side Scrub Lift Valve, S9   |      |            |     |   |
| L10  | 56305103 | 1   | Main Solution Valve   |      |            |     |   |
| L11  | 56110464 | 1   | Right Solution Valve  |      |            |     |   |
| LP1  | 56110437 | 1   | Headlight, Right  |      |            |     |   |
| *    | 56507224 | A/R | Bulb, Headlight Replacement   |      |            |     |   |
| LP2  | 56110436 | 1   | Headlight, Left   |      |            |     |   |
| *    | 56507224 | A/R | Bulb, Headlight Replacement   |      |            |     |   |
| LP3  | 56507112 | 1   | Lamp, Right Rear S/T/T  |      |            |     |   |
| LP4  | 56507112 | 1   | Lamp, Left Rear S/T/T   |      |            |     |   |
| LP5  | 56507112 | 1   | Lamp, Right Front Turn  |      |            |     |   |
| LP6  | 56507112 | 1   | Lamp, Left Front Turn   |      |            |     |   |
| LP7  | 56307166 | 1   | Beacon  |      |            |     |   |
| *    | 56109521 | A/R | Bulb, Replacement <b>(for 56307166 manufactured by Speaker or ECCO)</b>       |      |            |     |   |
| *    | 56109723 | A/R | Bulb, Replacement <b>(for 56307166 manufactured by Superior Signals Inc.)</b> |      |            |     |   |

# = Revised or new since last update

\* = Not Shown

# LADDER DIAGRAM - DIESEL



## LADDER DIAGRAM - DIESEL

| Item | Ref. No. | Qty | Description  | Item | Ref. No.   | Qty | Description                 |
|------|----------|-----|--|------|------------|-----|-----------------------------|
|      | NA       | 1   | Driver Box   | M3   | 56419089   | 1   | Starter                     |
|      | 56381129 | 1   | Dashboard Panel  | M4   | 56111387   | 1   | Pump, Solution              |
|      | 56508400 | 1   | APECS 3000 Governor  | M5   | 56507851   | 1   | Pump, Mist (optional)       |
|      | 56110530 | 1   | Relay PCB  | M6   | 56111387   | 1   | Pump, Ext. Scrub (optional) |
| BT#  | NA       | 1   | Battery 12V  | M7   | 56305008   | 1   | Actuator, Side Broom        |
| CB1  | 56413822 | 1   | Circuit Breaker, 20 Amp (lights)                                       | M8   | 56111671   | 1   | Pump, Wand (optional)       |
| CB2  | 56413822 | 1   | Circuit Breaker, 20 Amp  | M10  | 56110742   | 1   | Pump, Chemical 1            |
| CB3  | 56413407 | 1   | Circuit Breaker, 15 Amp (actuator)                                     | M11  | 56110742   | 1   | Pump, Chemical 2            |
| CB4  | 56413822 | 1   | Circuit Breaker, 20 Amp  | M14  | 56508355   | 1   | Fuel Pump                   |
| CB5  | 56507644 | 1   | Circuit Breaker, 10 Amp  | R1   | 56305129   | 1   | Drive Pedal Sensor, 5K Ohm  |
| CB6  | 56413407 | 1   | Circuit Breaker, 15 Amp  | R2   | 56305873   | 1   | Sender, Hydraulic Oil Temp  |
| D2   | NA       | 1   | Diode  | R3   | 56478358   | 1   | Sender, Fuel                |
| D3   | NA       | 1   | Diode  | S1   | 56111109   | 1   | Switch, Ignition            |
| E1   | NA       | 1   | Glow Plug  | *    | 56303526   | 1   | Replacement Key             |
| E2   | NA       | 1   | Glow Plug  | S2   | 56110561   | 1   | Switch, Recovery Full       |
| E3   | NA       | 1   | Glow Plug  | S3   | 56413669   | 1   | Switch, Solution Empty      |
| E4   | NA       | 1   | Glow Plug  | S4   | NA         | 1   | Switch, Hydraulic Filter    |
| F1   | 56111123 | 1   | Fuse, 100 Amp  | S6   | 56305053   | 1   | Switch, Brake               |
| G2   | 56110738 | 1   | Alternator   | S7   | 56111270   | 1   | Switch, Extended Scrub      |
| H3   | 56409232 | 1   | Back-Up Alarm (optional)   | S9   | 56419091   | 1   | Switch, Coolant Temp.       |
| H4   | 56442054 | 1   | Horn   | S28  | 56305098   | 1   | Switch, Oil Pressure        |
| K1   | 56110423 | 1   | Relay, Power   | S29  | 8-82-00024 | 1   | Switch, Push Button, Horn   |
| K2   | NA       | 1   | Relay, Run   | S31  | 7-82-00050 | 1   | Switch, Seat                |
| K3   | NA       | 1   | Relay, Start   |      |            |     |                             |
| K4   | 56110423 | 1   | Relay, Glow Plugs  |      |            |     |                             |
| L1   | NA       | 1   | Vacuum Fan Valve, S1   |      |            |     |                             |
| L2   | NA       | 1   | Squeegee Down Valve, S2  |      |            |     |                             |
| L3   | NA       | 1   | Squeegee Up Valve, S3  |      |            |     |                             |
| L4   | NA       | 1   | Scrub Brush Valve, S4  |      |            |     |                             |
| L5   | NA       | 1   | Scrub Pressure Proportional Down Valve, S5                             |      |            |     |                             |
| L6   | NA       | 1   | Scrub Cylinder Lock Valve, S6  |      |            |     |                             |
| L7   | NA       | 1   | Scrub Pressure Proportional Up Valve, S7                               |      |            |     |                             |
| L8   | NA       | 1   | Side Sweep/Scrub Valve, S8   |      |            |     |                             |
| L9   | NA       | 1   | Side Scrub Lift Valve, S9  |      |            |     |                             |
| L10  | 56305103 | 1   | Main Solution Valve  |      |            |     |                             |
| L11  | 56110464 | 1   | Right Solution Valve   |      |            |     |                             |
| LP1  | 56110437 | 1   | Headlight, Right   |      |            |     |                             |
| *    | 56507224 | A/R | Bulb, Headlight Replacement  |      |            |     |                             |
| LP2  | 56110436 | 1   | Headlight, Left  |      |            |     |                             |
| *    | 56507224 | A/R | Bulb, Headlight Replacement  |      |            |     |                             |
| LP3  | 56507112 | 1   | Lamp, Right Rear S/T/T   |      |            |     |                             |
| LP4  | 56507112 | 1   | Lamp, Left Rear S/T/T  |      |            |     |                             |
| LP5  | 56507112 | 1   | Lamp, Right Front Turn   |      |            |     |                             |
| LP6  | 56507112 | 1   | Lamp, Left Front Turn  |      |            |     |                             |
| LP7  | 56307166 | 1   | Beacon   |      |            |     |                             |
| *    | 56109521 | A/R | Bulb, Replacement (for 56307166 manufactured by Speaker or ECCO)       |      |            |     |                             |
| *    | 56109723 | A/R | Bulb, Replacement (for 56307166 manufactured by Superior Signals Inc.) |      |            |     |                             |

# = Revised or new since last update

\* = Not Shown

## BRUSH SELECTOR GUIDE-CYLINDRICAL (MAIN SCRUB DECK)

We provide brushes and pad holders that will give you the best possible performance between machine and floor. Following are descriptions of the materials and their applications.

- 80 Grit Brush:** Medium aggressive grit brush. Good all-around brush for medium to heavy buildup removal. Can also be used for general stripping operations.
- 180 Grit Brush:** Least aggressive grit brush. Used for daily cleaning of hard-finished floors.
- Polypropylene Brush:** Standard equipment brush. Low cost, yet effective in cleaning many common floor surfaces.

### 48" BRUSH LENGTH

56110011 - Polypropylene

56110012 - 80 Grit

56110013 - 180 Grit

## CYLINDRICAL BRUSH APPLICATION GUIDE (SUGGESTION ONLY)

| Application               | 80 Grit | 180 Grit | Polypropylene |
|---------------------------|---------|----------|---------------|
| <b>Stripping:</b>         |         |          |               |
| Concrete                  | X       |          |               |
| Terrazzo                  | X       |          |               |
| Ceramic/Quarry tile       | X       |          |               |
| Vinyl tile                | X       |          |               |
| <b>General Scrubbing:</b> |         |          |               |
| Concrete                  | X       | X        | X             |
| Terrazzo                  |         | X        | X             |
| Ceramic/Quarry tile       |         | X        | X             |
| Marble                    |         | X        |               |
| Vinyl tile                |         | X        | X             |
| Raised-rubber tile        |         | X        |               |

## SIDE BROOMS LEFT & RIGHT FRONT

- Side Broom:** PN56477812 Polypropylene (STD)  
The side broom function is to sweep the dirt and debris away from the curb, wall, pallet, etc. into the path of the scrub deck.  
PN56505629 Soft (Optional)



Diameter .....20" (50.8 cm)

## BRUSH SELECTOR GUIDE-DISK (RIGHT SCRUB)

We provide brushes and pad holders that will give you the best possible performance between machine and floor. Following are descriptions of the materials and their applications.

**Prolene:** Polypropylene material for medium-duty scrubbing on concrete, terrazzo and vinyl floor tile. Recommended for use in place of green or blue pads.

**Dyna Grit:** For aggressive, heavy-duty scrubbing or stripping of floors. Recommended for use in place of brown pads.

**MidLite Grit:** For general purpose scrubbing of sealed or unsealed concrete, stone, terrazzo, quarry tile and other resilient hard floor surfaces. Recommended for use in place of green or blue pads.

### Ø15" BRUSH BLOCK

56505832 - Dyna Grit (80)

56505834 - Prolene

56505838 - MidLite Grit (180)

## DISC BRUSH APPLICATION GUIDE (SUGGESTION ONLY)

| Application               | 80<br>Grit | 180<br>Grit | Prolene |
|---------------------------|------------|-------------|---------|
| <b>Stripping:</b>         |            |             |         |
| Concrete                  | X          |             |         |
| Terrazzo                  | X          |             |         |
| Ceramic/Quarry tile       | X          |             |         |
| Vinyl tile                | X          |             |         |
| <b>General Scrubbing:</b> |            |             |         |
| Concrete                  | X          | X           | X       |
| Terrazzo                  |            | X           | X       |
| Ceramic/Quarry tile       |            | X           | X       |
| Vinyl tile                |            | X           | X       |

## OPTIONAL KITS &amp; ACCESSORIES

| Item               | Ref. No.   | Qty | Description                     |
|--------------------|------------|-----|---------------------------------|
| <b>Kits NOTE 1</b> |            |     |                                 |
| *                  | 56305896   | 1   | Solution Fill Shutoff Kit       |
| *                  | 56111535   | 1   | Deluxe Seat Kit                 |
| *                  | 56110300   | 1   | Overhead Guard Kit              |
| *                  | 56111259   | 1   | Extended Scrub Kit              |
| *                  | 56381096   | 1   | EcoFlex Chemical Kit            |
| *                  | 56111298   | 1   | Underhood Light Kit             |
| *                  | 56110730   | 1   | Vac Wand Kit                    |
| *                  | 7-03-04250 | 1   | RH Armrest Kit                  |
| *                  | 7-03-04249 | 1   | Dual Armrest Kit                |
| *                  | 56110733   | 1   | Seat Belt Kit for Standard Seat |
| *                  | 56111280   | 1   | Recovery Tank Clean Out Kit     |
| *                  | 56111346   | 1   | Wash Hose Kit                   |
| *                  | 56111317   | 1   | Brake / Signal Light Kit        |
| *                  | 56111107   | 1   | Rear Bumper Kit                 |
| *                  | 56110901   | 1   | Fire Extinguisher Kit           |
| *                  | 56111265   | 1   | Overhead Guard Beacon Kit       |
| *                  | 56111267   | 1   | Overhead Guard Canopy Kit       |
| *                  | 56111733   | 1   | Kit, Horn Switch                |
| *                  | 56601410   | 1   | Drain Hose Extension            |
| *                  | 56111848   | 1   | Roller Bumper Kit               |
| *                  | 56111873   | 1   | Foot Guard Kit                  |

\* = Optional, Not Included

**NOTE 1:** Replacement parts for the kits listed above can be found on each kit's associated instruction sheet.

**OPTIONAL KITS & ACCESSORIES**

| Item                            | Ref. No. | Qty | Description  |
|---------------------------------|----------|-----|--|
| <b>Squeegee Blade Kits</b>      |          |     |  |
| *                               | 56111650 | 1   | Kit, Red Gum Rubber Squeegee Blade H (Std) <b>NOTE 1</b> |
| *                               | 56413642 | 1   | Blade Sqgee Red Gum RR H (included with 56111650)        |
| *                               | 56111652 | 1   | Kit, Gum Rubber Squeegee Blade H <b>NOTE 1</b>           |
| *                               | 56413710 | 1   | Blade Squeegee Gum RR H (included with 56111652)         |
| *                               | 56111203 | 1   | Kit, Polyurethane Squeegee Blade <b>NOTE 1</b>           |
| *                               | 56111205 | 1   | Blade Rear SQ PU H 63 (included with 56111203)           |
| <b>Main Scrub Deck Options</b>  |          |     |  |
| *                               | 56110013 | 1   | Brush, Cyl 48" Midlite 180 (Std)                         |
| *                               | 56110012 | 1   | Brush, Cyl 48" Dyna Grit 80                              |
| *                               | 56110011 | 1   | Brush, Cyl 48" Polypropylene                             |
| *                               | 56111206 | 1   | Blade Kit, Main Scrub-Red Gum (Std) <b>NOTE 2</b>        |
| *                               | 56111207 | 1   | Blade Kit, Main Scrub-Gum Rubber <b>NOTE 2</b>           |
| *                               | 56111210 | 1   | Blade Kit, Main Scrub-Polyurethane <b>NOTE 2</b>         |
| <b>Right Scrub Head Options</b> |          |     |  |
| *                               | 56111635 | 1   | Blade Kit, Opt Scrub-Red Gum (Std) <b>NOTE 3</b>         |
| *                               | 56111636 | 1   | Blade Kit, Opt Scrub-Gum Rubber <b>NOTE 3</b>            |
| *                               | 56111637 | 1   | Blade Kit, Opt Scrub-Polyurethane <b>NOTE 3</b>          |
| *                               | 56505832 | 1   | Brush, Dynagrit (80)                                     |
| *                               | 56505834 | 1   | Brush, Prolene (Polypropylene)                           |
| *                               | 56505838 | 1   | Brush, Midlite (180)                                     |
| <b>Dual Sweep Head Options</b>  |          |     |  |
| *                               | 56477812 | 2   | Side Broom (Std)   |
| *                               | 56505629 | 2   | Side Broom (Soft)  |
| <b>Accessories</b>              |          |     |  |
| *                               | 56044641 | 1   | Literature Pack  |

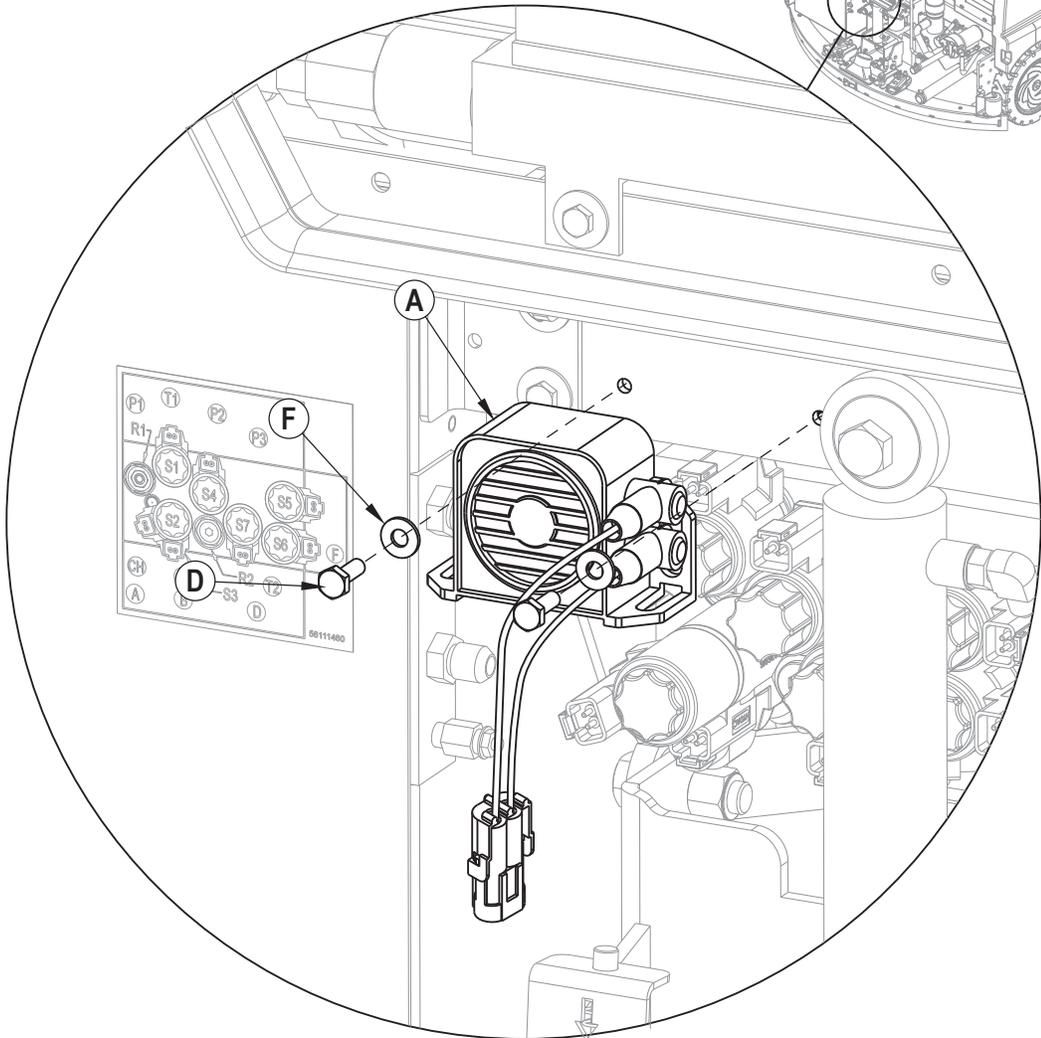
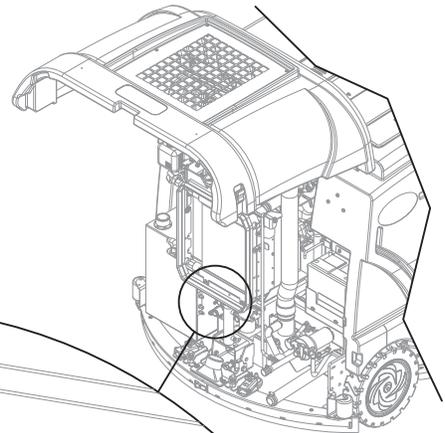
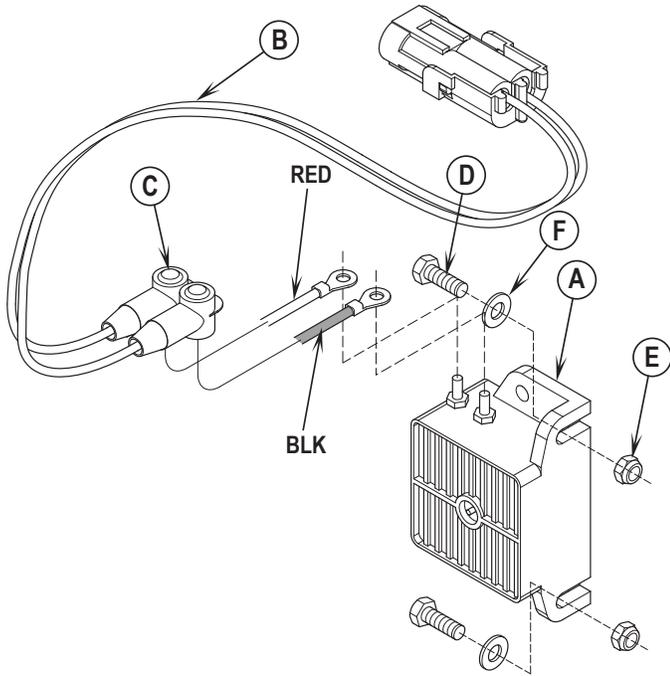
\* = Optional, Not Included

**NOTE 1:** All squeegee blade kits include both front and rear squeegee blades.

**NOTE 2:** All Deck Blade Kits include 4 side skirt blades (2 for each side skirt) plus 2 splash shield blades (1 for each end of the scrub deck).

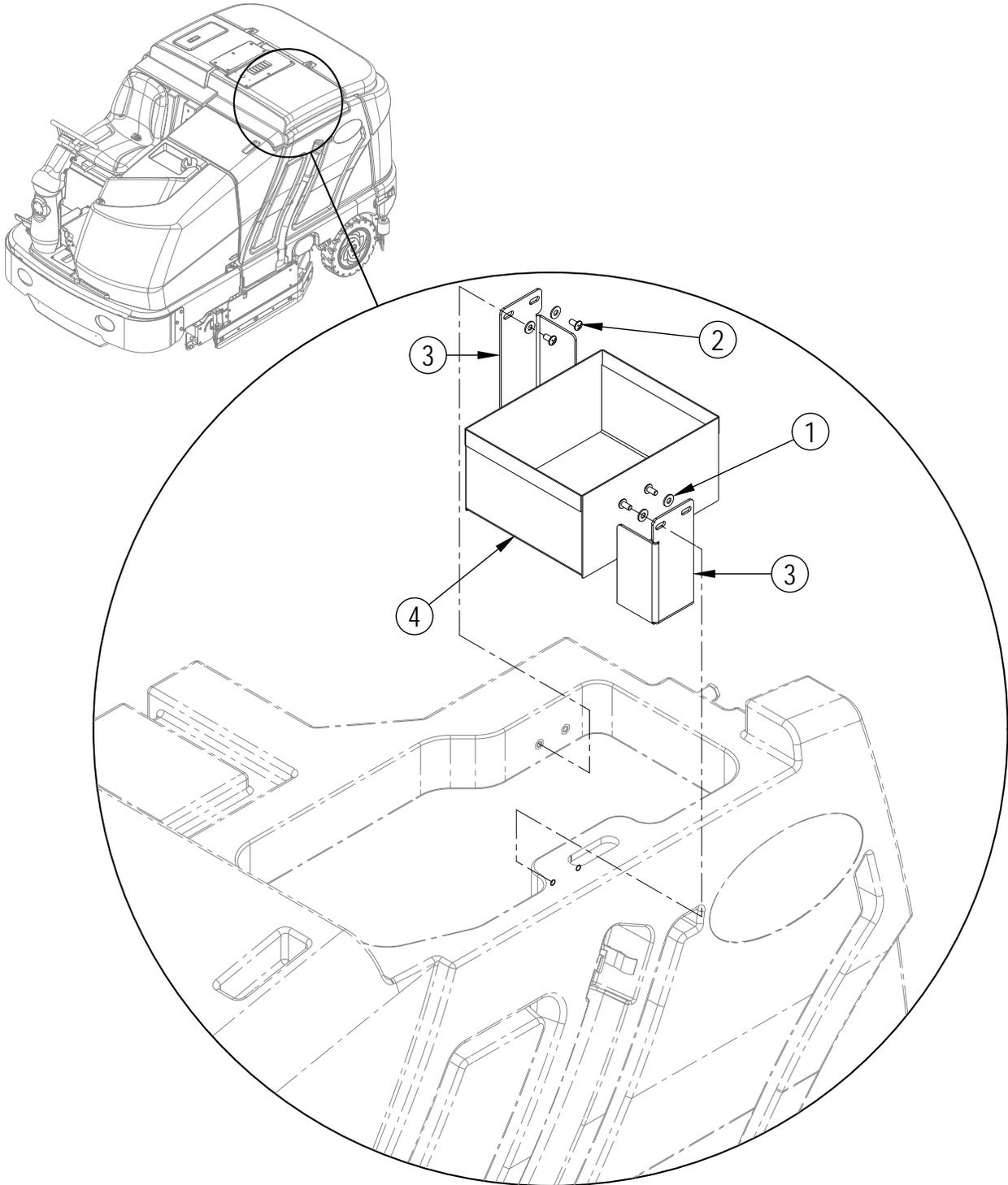
**NOTE 3:** Right Scrub Blade Kits include 2 blades, one inside and one outside blade.

BACK-UP ALARM KIT



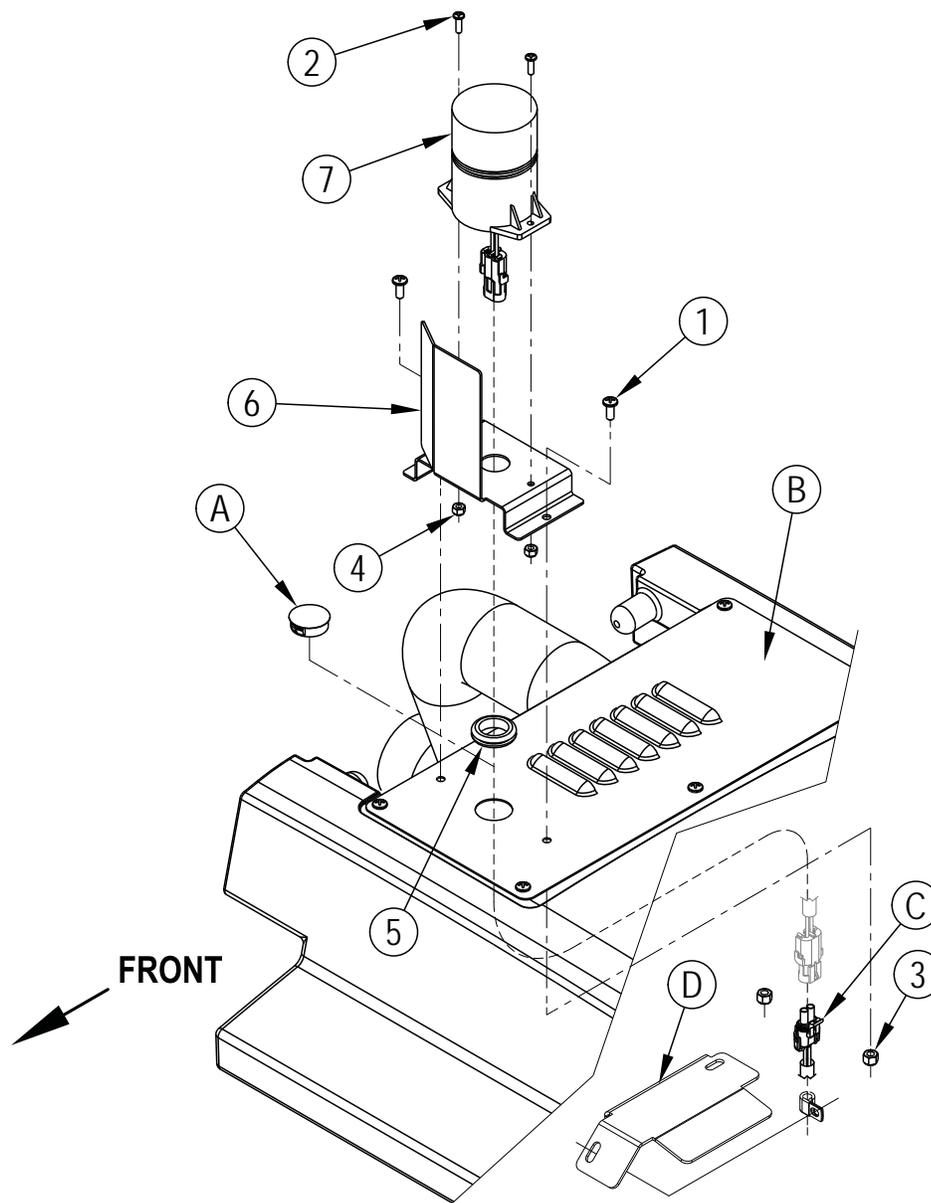
## BACK-UP ALARM KIT

| Item | Ref. No. | Qty | Description                    |
|------|----------|-----|--------------------------------|
| A    | 56409232 | 1   | Back-Up Alarm                  |
| B    | 56409495 | 1   | Wire Assembly, Pigtail         |
| C    | 56409538 | 2   | Terminal Insulator             |
| D    | 56009018 | 2   | Scr, Hex Thd Form 1/4-20 x .75 |
| E    | 56002708 | 2   | Nut, Hex Nyl Loc 1/4-20        |
| F    | 56002098 | 2   | Washer, Flat                   |



## DEBRIS TRAY KIT

| Item | Ref. No. | Qty | Description                   |
|------|----------|-----|-------------------------------|
| 1    | 56002859 | 4   | Wsh, Flt SAE SS 1/4           |
| 2    | 56003119 | 4   | Scr, Pan Phil SS 1/4-20 x .50 |
| 3    | 56111601 | 2   | Mount, Screen                 |
| 4    | 56111756 | 1   | Strainer Weldment             |



## WARNING BEACON KIT

| Item | Ref. No. | Qty | Description  |
|------|----------|-----|--|
| 1    | 56002066 | 2   | Scr, Pan Phil 1/4-20 x .62   |
| 2    | 56002124 | 2   | Scr, Pan Phil 10-24 x .62  |
| 3    | 56002708 | 2   | Nut, Hex Nyl Loc 1/4-20  |
| 4    | 56002768 | 2   | Nut, Hex Nyl Loc 10-24   |
| 5    | 56055434 | 1   | Grommet  |
| 6    | 56110908 | 1   | Bracket, Beacon Mount  |
| 7    | 56307166 | 1   | Beacon, Warning  |
| *    | 56109521 | A/R | Bulb, Replacement (for 56307166 manufactured by Speaker or ECCO)       |
| *    | 56109723 | A/R | Bulb, Replacement (for 56307166 manufactured by Superior Signals Inc.) |

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