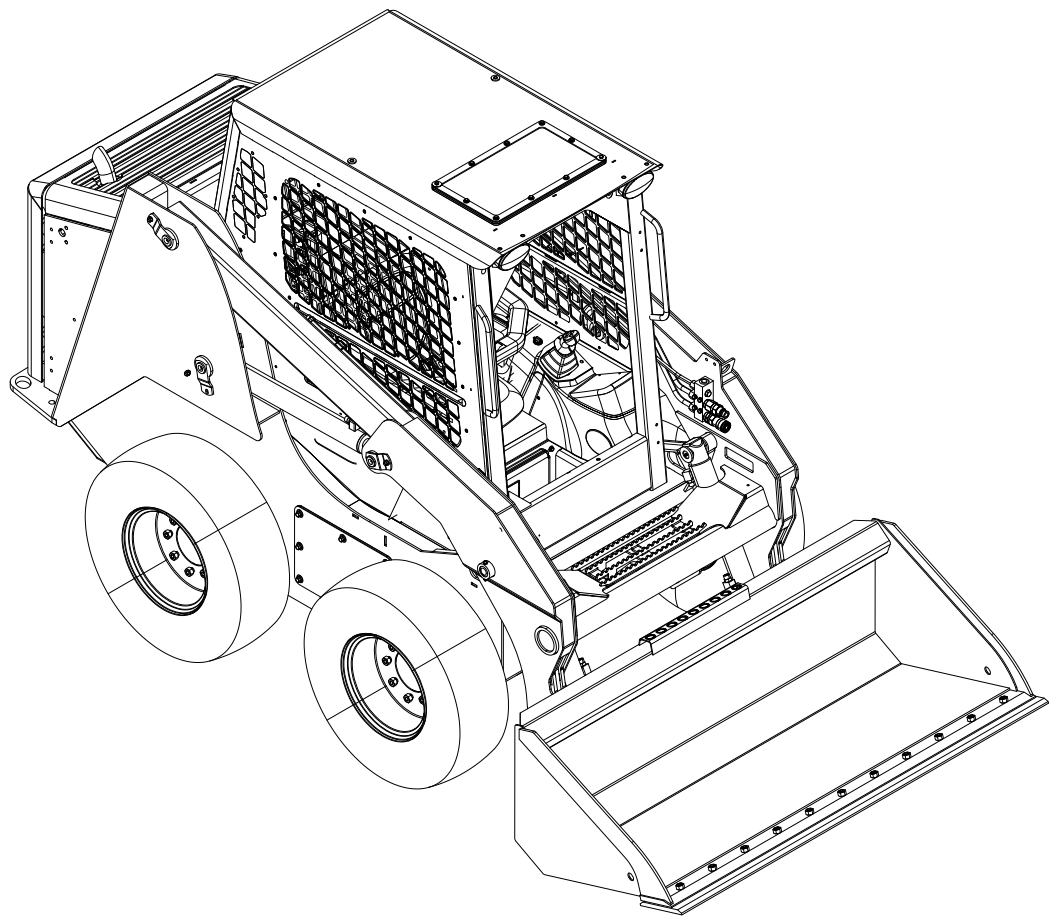


# **Master Part Manual**

## **Skid Steer Loader**



**RS-50**  
**R165S/R185S**

Printed 2/06/2020

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\* Parts manuals are updated on a regular basis. Always refer to current online posted manuals to ensure you have the most up to date information prior to ordering parts.

**NOTE:** Ordering parts that are painted requires a specific part number format. Please refer to page II of this manual for paint code and ordering information.

## Painted Service Parts

### ordering guidelines

Compact Track and Skid Steer Loaders are available in various colors and nomenclatures (brands / model names). **Paint color needs to be specified when ordering painted components.** When ordering painted components, inform the support representative of the brand and model name of your machine before selecting the proper color from the list below. The support representative should be able to assist you in finding the correct one based on your machine's **VIN number**. This should help to identify the original machine configuration and nomenclature.

**Note:** Not all colors are available on all components. Available colors are limited to those considered “standard” on your particular machine and component(s). Please do not attempt to order non-standard colors for your machine as the order will not be fulfilled until corrected.

The color codes are to be referenced as a suffix to the part number of the component you are requesting, for example: 0000-000-GRN (indicating a green part).

The following is a list of available colors.

| <u>Color</u> | <u>Color Code:</u>           |
|--------------|------------------------------|
| BLACK        | BLK (ALL MODELS)             |
| WHITE        | WHT (TEREX)                  |
| YELLOW       | YEL (VERMEER)                |
| YELLOW       | YEY (ASV)                    |
| GREEN        | GRN (SUNBELT)                |
| RED          | RED (TAKEUCHI)               |
| GRAY         | GRY (TEE)                    |
| GRAY         | GTG (SKID STEER WHEELS ONLY) |
| ORANGE       | ORN (ASPLUNDH)               |

# Chapter 1

## Service Parts

### 1-1 Service Items / Lubricants

### 1-2 Cylinder Service Items

### 1-3 Component Service Items / Harnesses

\* Parts manuals are updated on a regular basis. Always refer to current online posted manuals to ensure you have the most up to date information prior to ordering parts.



## **GENERAL SERVICE ITEMS & LUBRICANTS**

| <b><u>ITEM</u></b>    | <b><u>DESCRIPTION</u></b> | <b><u>PART NUMBER</u></b> |
|-----------------------|---------------------------|---------------------------|
| -Engine Oil Filter    | Filter, Engine Oil        | 0200-377                  |
| -Primary Air Filter   | Filter, Primary Air       | 0200-339                  |
| -Secondary Air Filter | Filter, Secondary Air     | 0200-340                  |
| -Fuel Filter          | Filter, Fuel              | 0200-213                  |
| -Fan Belt             | Belt, Fan                 | 7000-106                  |
| 250 Hour Service Kit  | Kit, 250 hr               | 0404-871                  |
| 500 Hour Service Kit  | Kit, 500 hr               | 0404-861                  |

## **HYDRAULIC SERVICE ITEMS & LUBRICANTS**

| <b><u>ITEM</u></b>           | <b><u>DESCRIPTION</u></b> | <b><u>PART NUMBER</u></b> |
|------------------------------|---------------------------|---------------------------|
| -Hydraulic Charge Oil Filter | Filter, Hydraulic Charge  | 0404-161                  |

| <b><u>O-RING</u></b>  | <b><u>PART NUMBER</u></b> |
|-----------------------|---------------------------|
| -# 4, Flat Face Type  | 2055-196                  |
| -# 6, Flat Face Type  | 0310-285                  |
| -# 8, Flat Face Type  | 0310-286                  |
| -# 10, Flat Face Type | 0310-287                  |
| -# 12, Flat Face Type | 0310-288                  |
| -# 16, Flat Face Type | 0310-289                  |
| -# 20, Flat Face Type | 0310-290                  |
| -# 24, Flat Face Type | 0201-479                  |
| -# 4, ORB Type        | 0314-366                  |
| -# 6, ORB Type        | 0310-619                  |
| -# 8, ORB Type        | 0307-353                  |
| -# 10, ORB Type       | 0310-620                  |
| -# 12, ORB Type       | 0310-621                  |
| -# 16, ORB Type       | 0307-354                  |
| -# 20, ORB Type       | 0310-832                  |

## CYLINDER SERVICE ITEMS

### Hydraulic Cylinders

- RH-Bucket/Tilt P/N: 7100-451
- RH-Q/A P/N: 2046-317
- LH-Bucket/Tilt P/N: 7100-450
- LH-Q/A P/N: 2046-316
- Lift-Arm P/N: 2030-824

| <b><u>ITEM</u></b>             | <b><u>MANUFACTURER/DESCRIPTION</u></b> | <b><u>PART NUMBER</u></b> |
|--------------------------------|----------------------------------------|---------------------------|
| -Kit,Seal,Bucket/Tilt Cylinder | Fits Cylinder (P/N:7100-450/451)       | 0404-536                  |
| -Nut,Bucket/Tilt Cylinder      | Fits Cylinder (P/N:7100-450/451)       | 2076-159                  |
| -Bushing,Tube Pivot            | Fits Cylinder (P/N:7100-450/451)       | 7000-802                  |
| -Bushing,Rod Pivot             | Fits Cylinder (P/N:7100-450/451)       | 0003-053                  |
| -Kit,Seal,Lift Arm Cylinder    | Fits Cylinder (P/N:2030-824)           | 0404-534                  |
| -Rod,Lift Arm Cylinder         | Fits Cylinder (P/N:2030-824)           | 2030-659                  |
| -End Gland,Lift Arm Cylinder   | Fits Cylinder (P/N:2030-824)           | 2030-838                  |
| -Nut,Lift Arm Cylinder         | Fits Cylinder (P/N:2030-824)           | 2030-656                  |
| -Kit,Seal,Q/A Cylinder         | Fits Cylinder (P/N:2046-316/317)       | 2076-292                  |

## COMPONENT SERVICE ITEMS / HARNESSES

### Drive Motors

| <u>ITEM</u>             | <u>MANUFACTURER/DESCRIPTION</u> | <u>PART NUMBER</u> |
|-------------------------|---------------------------------|--------------------|
| -Kit, Seal, Drive Motor | MCR3 Drive Motor (P/N:7001-487) | 7001-488           |
| -Kit, Seal, Drive Motor | MCR3 Drive Motor (P/N:7001-485) | 7001-486           |

### HARNESSES

**R165S Serial # 00101-129**  
**R185S Serial # 00101-216**

| <u>ITEM</u>          | <u>LOCATION</u>              | <u>PART NUMBER</u> |
|----------------------|------------------------------|--------------------|
| Left Pillar Harness  | Cab Interior, Left Side      | 7005-968           |
| Right Pillar Harness | Cab Interior, Right Side     | 7005-967           |
| Main Harness         | Chassis (throughout machine) | 7005-969           |
| Loader Harness       | Lift Arm                     | 7000-117           |
| Condenser Harness    | Rear of Cab, A/C Fans        | 2076-034           |
| Rear Lights Harness  | Rear Hood, Lights            | 7005-619           |
| 4 Unit Gauge Harness | Dash Panel                   | 7005-882           |

**RS-50 Serial # 00101-745**  
**R165S Serial # 00130-745**  
**R185S Serial # 00217-745**

| <u>ITEM</u>          | <u>LOCATION</u>              | <u>PART NUMBER</u> |
|----------------------|------------------------------|--------------------|
| Left Pillar Harness  | Cab Interior, Left Side      | 7005-968           |
| Right Pillar Harness | Cab Interior, Right Side     | 7005-967           |
| Main Harness         | Chassis (throughout machine) | 7005-969           |
| Loader Harness       | Lift Arm                     | 7000-117           |
| Condenser Harness    | Rear of Cab, A/C Fans        | 2076-034           |
| Rear Lights Harness  | Rear Hood, Lights            | 7005-619           |
| 3 Unit Gauge Harness | Dash Panel                   | 7001-479           |

**RS-50 Serial # valid from: 00746**  
**R165S Serial # valid from: 00746**  
**R185S Serial # valid from: 00746**

| <u>ITEM</u>          | <u>LOCATION</u>              | <u>PART NUMBER</u> |
|----------------------|------------------------------|--------------------|
| Left Pillar Harness  | Cab Interior, Left Side      | 7005-968           |
| Right Pillar Harness | Cab Interior, Right Side     | 7005-967           |
| Main Harness         | Chassis (throughout machine) | 7005-969           |
| Loader Harness       | Lift Arm                     | 7000-117           |
| Condenser Harness    | Rear of Cab, A/C Fans        | 2076-034           |
| Rear Lights Harness  | Rear Hood, Lights            | 7005-619           |
| 3 Unit Gauge Harness | Dash Panel                   | 7001-489           |
| Gauge Harness Jumper | Dash Panel                   | 7011-233           |

## Chapter 2

### Fuel / Engine

#### **2-1 Engine / Intake / Exhaust / Battery**

RS-50 Serial # valid from - 00101 **2-1A**

R165S/R185S Serial # valid from - 00101 **2-1A**

#### **2-2 Cooling System**

RS-50 Serial # valid from - 00101 **2-2A**

R165S/R185S Serial # valid from - 00101 **2-2A**

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# ENGINE ASSEMBLY

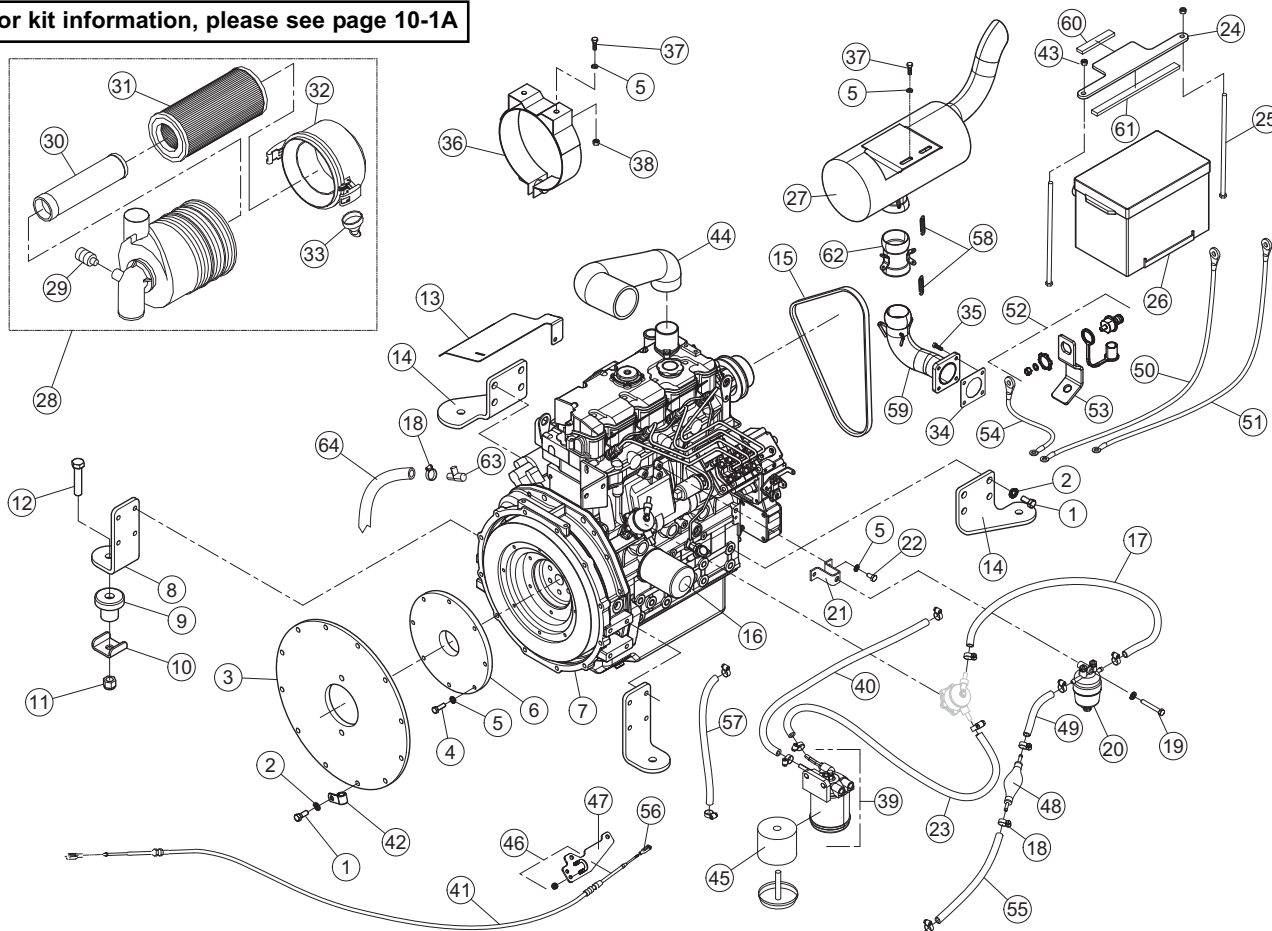
RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 2

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                                     |
|----------|-------------|------|-------------------------------------------------|
| 1        | 8102-222    | 16   | CAPSCREW,HH,3/8-16 UNCx1.0,GD8,ZN               |
| 2        | 8051-272    | 16   | WASHER,SPRING LOCK,3/8,ZN                       |
| 3        | 0304-900    | 1    | MNT,PLATE,PUMP                                  |
| 4        | 8102-132    | 8    | CAPSCREW,HH,5/16-18UNCx1.0 GD8 ,ZN              |
| 5        | 8051-242    | 17   | WASHER,SPRING LOCK,5/16,ZN                      |
| 6        | 0304-507    | 1    | PLATE,FLYWHEEL 15375 KB42575                    |
| 7        | 2021-013    | 1    | ENGINE PERKINS                                  |
| 8        | 7000-058    | 2    | SSL, MF, MOTOR MOUNT, FRONT                     |
| 9        | 7000-927    | 4    | MOUNT,ENGINE                                    |
| 10       | 0304-948    | 4    | LIMITER,MNT,MOTOR                               |
| 11       | 8040-726    | 4    | NUT,HEX,NYLOCK,5/8-11 UNC,ZN                    |
| 12       | 0201-897    | 4    | CAPSCREW,5/8-11X2.5 GD8                         |
| 13       | 2030-279    | 1    | GUARD RAIN STARTER                              |
| 14       | 7000-057    | 2    | SSL, MF, MOTOR MOUNT, REAR, RH                  |
| 15       | 2030-632    | 1    | BELT FAN                                        |
| 16       | 0200-377    | 1    | FILTER,OIL,ENGINE                               |
| 17       | 0200-352    | 1    | HOSE,FUEL,5/16IDx17.00"                         |
| 18       | 0300-732    | 13   | CLAMP,HOSE,#4 MM4                               |
| 19       | 8102-138    | 1    | CAPSCREW,HH,5/16-18 X 2.25 GD8                  |
| 20       | 0200-338    | 1    | ASSY,FILTER,WATER                               |
| 21       | 0200-178    | 1    | WLMT,BRKT,MNT,FILTER                            |
| 22       | 0200-329    | 2    | CAPSCREW,HH,M8x1.25x16MM                        |
| 23       | 0304-509    | 1    | HOSE,FUEL,5/16x22"                              |
| 24       | 7000-090    | 1    | STRAP BATTERY                                   |
| 25       | 0090-428    | 2    | CAPSCREW 1/4"-20 x 7", HEX ,GRADE 5,YELLOW ZINC |
| 26       | 2051-439    | 1    | BATTERY                                         |
| 27       | 7000-432    | 1    | MUFFLER                                         |
| 28       | 0200-157    | 1    | ASSY,CLEANER,AIR                                |
| 29       | 0200-313    | 1    | INDICATOR,AIRCLEANER                            |
| 30       | 0200-340    | 1    | FILTER,AIR,SECONDARY                            |
| 31       | 0200-339    | 1    | FILTER,AIR,PRIMARY                              |
| 32       | 0200-560    | 1    | CAP,AIR CLEANER                                 |
| 33       | 0304-503    | 1    | VALVE,DUST #P522958                             |
| 34       | 0304-511    | 1    | GASKET,MUFFLER                                  |
| 35       | 0300-211    | 4    | CAPSCREW,M8 x 1.25 x 25MM LG                    |
| 36       | 0200-158    | 1    | BAND,MNT,AIR CLEANER                            |
| 37       | 8102-130    | 7    | CAPSCREW,HH 5/16-18x3/4,GR8                     |
| 38       | 8040-426    | 2    | NUT,HEX,NYLOCK,5/16-18 UNC,ZN                   |
| 39       | 0200-215    | 1    | ASSY,FILTER,FUEL                                |
| 40       | 2051-844    | 1    | HOSE FUEL FILTER-ENGINE                         |

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                                 |
|----------|-------------|------|---------------------------------------------|
| 41       | 0300-455    | 1    | CABLE,THROTTLE                              |
| 42       | 0310-465    | 1    | CLAMP,WIRE,5/8,RBC-5/8                      |
| 43       | 8040-366    | 2    | NUT,HEX,NYLOCK,1/4-20 UNC,ZN                |
| 44       | 7000-460    | 1    | HOSE INTAKE FORMED 50HP                     |
| 45       | 0200-213    | 1    | FILTER,FUEL,PERKINS,404C22                  |
| 46       | 0300-581    | 1    | W/NUTS,U-BOLT,1/4-20                        |
| 47       | 7000-199    | 1    | BRACKET THROTTLE                            |
| 48       | 0304-835    | 1    | BULB,PRIMER                                 |
| 49       | 0200-351    | 1    | HOSE,FUEL,5/16IDx2.00"                      |
| 50       | 7000-484    | 1    | CABLE BATTERY POSITIVE                      |
| 51       | 4046-090    | 1    | CABLE BATTERY NEGATIVE                      |
| 52       | 0201-336    | 1    | TERMINAL,BATTERY (DOES NOT INCLUDE ITEM 53) |
| 53       | 7000-730    | 1    | BRACKET REMOTE TERMINAL                     |
| 54       | 7000-785    | 1    | CABLE BATTERY POSITIVE                      |
| 55       | 0200-353    | 1    | HOSE,FUEL,5/16IDx30.00                      |
| 56       | 0300-718    | 2    | W/PIN,CLEVIS                                |
| 57       | 7000-792    | 1    | HOSE FUEL RETURN                            |
| 58       | 2045-777    | 6    | SPRING,TAIPIPE                              |
| 59       | 7000-524    | 1    | ASSY HEADER EXHAUST 50 HP                   |
| 60       | 1066-009    | 1    | FOAM,STRIP,ADHES BACK, 5"                   |
| 61       | 1066-009    | 1    | FOAM,STRIP,ADHES BACK, 11 1/2"              |
| 62       | 7000-533    | 1    | WLMT MIDPIPE EXHAUST                        |
| 63       | 7000-673    | 1    | VALVE DRAIN OIL                             |
| 64       | 7000-949    | 1    | HOSE OIL DRAIN                              |

For kit information, please see page 10-1A



# COOLING SYSTEM

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

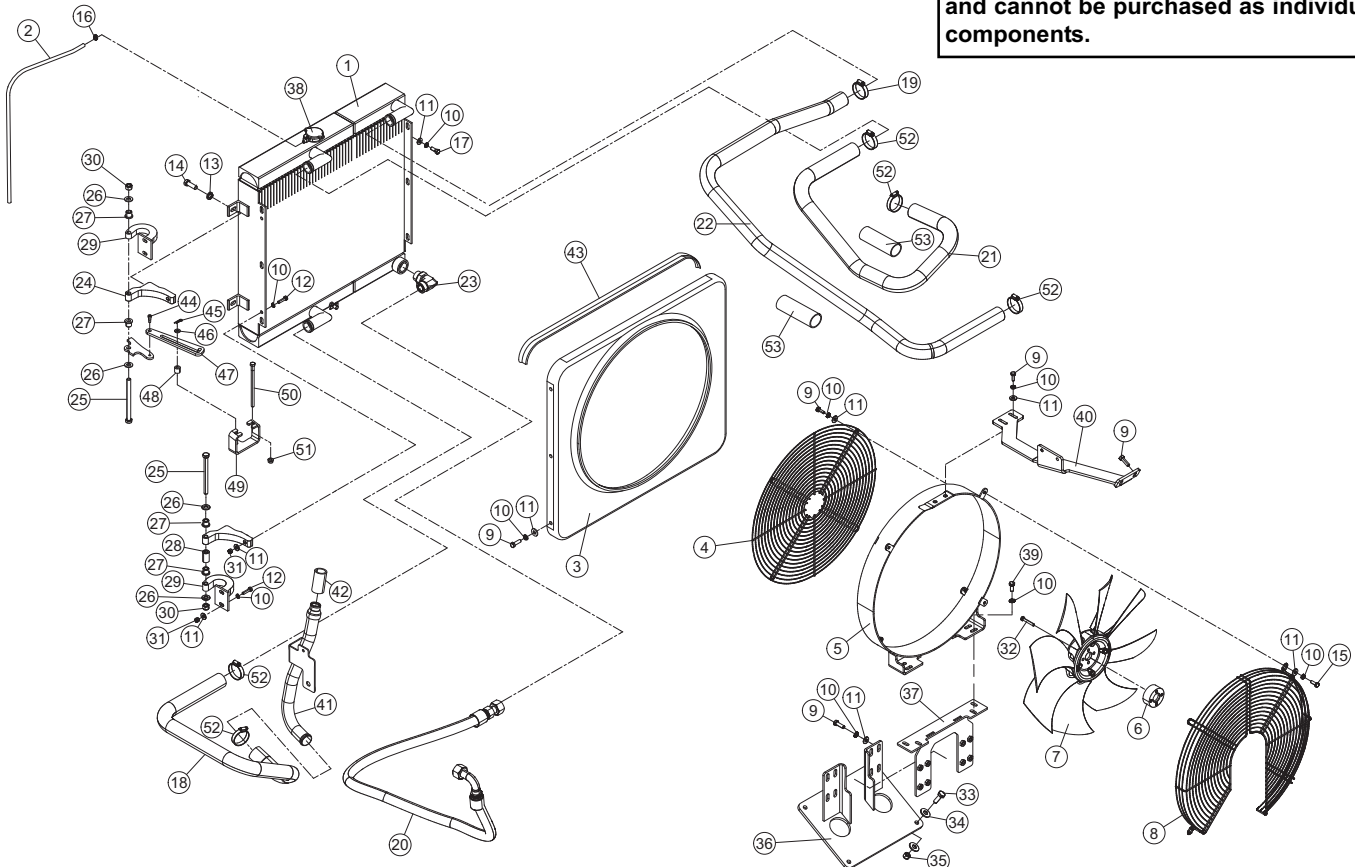
Chapter 2

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                              |
|----------|-------------|------|------------------------------------------|
| 1        | 7000-080    | 1    | SSL,MF,COOLER                            |
| 2        | 0304-444    | 1    | HOSE,7/16 x 5/16 POLY,3FT                |
| 3        | 7000-281    | 1    | SHROUD,RADIATOR                          |
| 4        | 7000-278    | 1    | GUARD FAN FRONT                          |
| 5        | 7000-280    | 1    | WLMT,GUARD,FAN                           |
| 6        | 0200-152    | 1    | SPACER,FAN,3024C                         |
| 7        | 7000-343    | 1    | FAN,17.5/8-8/35/PAG                      |
| 8        | 7000-105    | 1    | CAGE FINGER GUARD REAR                   |
| 9        | 8102-132    | 22   | CAPSCREW,HH,5/16-18UNCx1.0 GD8 ,ZN       |
| 10       | 8051-242    | 30   | WASHER,SPRING LOCK,5/16,ZN               |
| 11       | 8050-262    | 30   | WASHER,WROUGHT,5/16,STD,ZN               |
| 12       | 8102-134    | 2    | CAPSCREW,HH,5/16-18UNCx1.25GD8 ZN        |
| 13       | 8051-332    | 2    | WASHER,SPRING LOCK,1/2,ZN                |
| 14       | 8102-405    | 2    | CAPSCREW,HH,1/2-13 UNCx1.5,GD8           |
| 15       | 8102-040    | 4    | CAPSCREW,HH,1/4-20 UNCx.75,GD8 ZN        |
| 16       | 0300-732    | 1    | CLAMP,HOSE,#4 MM4                        |
| 17       | 8102-222    | 2    | CAPSCREW,HH,3/8-16 UNCx1.0,GD8,ZN        |
| 18       | 7000-733    | 1    | HOSE RADIATOR LOWER                      |
| 19       | 0090-449    | 3    | CLAMP,HOSE                               |
| 20       | 7001-411    | 1    | HOSE 16. HYD OIL COOLER TO FILTER 62.5"  |
| 21       | 7000-732    | 1    | HOSE RADIATOR UPPER                      |
| 22       | 7000-731    | 1    | HOSE COOLER UPPER                        |
| 23       | 0310-343    | 1    | ADAPTER,16MFFOR-16MB-90^                 |
| 24       | 7000-548    | 2    | BRACKET COOLER MOUNT                     |
| 25       | 8102-418    | 2    | CAPSCREW,HH,1/2-13UNCx 6.0,GD8,ZN        |
| 26       | 8050-348    | 4    | WASHER,1/2,SAE,ZN 1.06 OD x .531 ID x .0 |
| 27       | 7000-108    | 4    | BUSHING                                  |
| 28       | 7000-780    | 2    | SPACER TUBE                              |
| 29       | 7000-537    | 2    | BRACKET HINGE                            |
| 30       | 8040-606    | 2    | NUT,HEX,NYLOCK,1/2-13 UNC,ZN             |
| 31       | 8040-426    | 6    | NUT,HEX,NYLOCK,5/16-18 UNC,ZN            |
| 32       | 0200-336    | 4    | CAPSCREW,HH,M6x1.0x40                    |
| 33       | 8102-225    | 4    | CAPSCREW,HH,3/8-16 UNCx1.5,GD8,ZN        |
| 34       | 8050-282    | 8    | WASHER,WROUGHT,3/8,STD,ZN                |
| 35       | 8040-486    | 4    | NUT,HEX,NYLOCK,3/8-16 UNC,ZN             |
| 36       | 7000-975    | 1    | WLMT FRAME MOUNT FINGER GUARD            |
| 37       | 7000-972    | 1    | WLMT BRACKET FAN GUARD ADJ               |
| 38       | 0304-458    | 1    | CAP RADIATOR                             |
| 39       | 8102-130    | 4    | CAPSCREW,HH 5/16-18x3/4,GR8              |
| 40       | 7000-110    | 1    | BRACE FAN SHROUD                         |

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                          |
|----------|-------------|------|--------------------------------------|
| 41       | 7000-133    | 1    | TUBE COOLANT LOWER ENGINE            |
| 42       | 7001-379    | 1    | HOSE 1.25" ID 3" WATER PUMP MF SSL   |
| 43       | 0090-481    | 1    | SEAL, EDGE W/ 3/16 BULB x 28"        |
| 44       | 0090-688    | 1    | BOLT SHOULDER 3/8" x 1/2" x 5/16"-18 |
| 45       | 0090-462    | 1    | CLIP, HAIRPIN 3/8" X 1-1/4"          |
| 46       | 0090-104    | 1    | WASHER .402 x .728 x .098 HARD       |
| 47       | 7001-217    | 1    | ROD PROP SLOTTED                     |
| 48       | 7001-435    | 1    | SPACER DOOR LATCH SSL                |
| 49       | 7000-962    | 1    | WLMT LATCH CHASSIS                   |
| 50       | 8102-239    | 2    | CAPSCREW,HH, 3/8-16UNCx6.5,GD8,ZN    |
| 51       | 0314-269    | 2    | NUT,FLANGE,TOPLK,3/8-16UNC,GDG,ZN    |
| 52       | 0303-238    | 5    | CLAMP, HOSE                          |
| 53       | 7001-456    | 2    | SLEEVE, HEAT 3.25" x 26"             |

For kit information, please see page 10-1A

**NOTE:** Item 7, 7000-343 Fan, **MUST** be purchased as a complete assembly only and cannot be purchased as individual components.



# Chapter 3

## Hydraulic Components

### **3-1 Hydraulic Reservoir**

RS-50 Serial # valid from - 00101 **3-1A**

R165S/R185S Serial # valid from - 00101 **3-1A**

### **3-2 Lift Arm Control Valve**

RS-50 Serial # valid from - 00101 **3-2A**

R165S/R185S Serial # valid from - 00101 **3-2A**

### **3-3 Pilot Generation / Control Blocks**

RS-50 Serial # valid from - 00101 **3-3A**

R165S/R185S Serial # valid from - 00101 **3-3A**

### **3-4 Lift Arm / Hydraulic Cylinders**

RS-50 Serial # valid from - 00101 **3-4A**

R165S/R185S Serial # valid from - 00101 **3-4A**

### **3-5 Lift Arm Tubes / Fittings**

RS-50 Serial # valid from - 00101 **3-5A**

R165S/R185S Serial # valid from - 00101 **3-5A**

### **3-6 Hydraulic Control Assembly - Single Speed**

RS-50 Serial # valid from - 00101 **3-6A**

R165S/R185S Serial # valid from - 00101 **3-6A**

### **3-7 Hydraulic Control Assembly - Two Speed**

RS-50 Serial # valid from - 00101 **3-7A**

R165S/R185S Serial # valid from - 00101 **3-7A**

### **3-8 Hydraulic Drive / Auxiliary**

R165S/R185S Serial # 00101-00130 **3-8A**

RS-50 Serial # valid from - 00101 **3-8B**

R165S/R185S Serial # valid from - 00131 **3-8B**

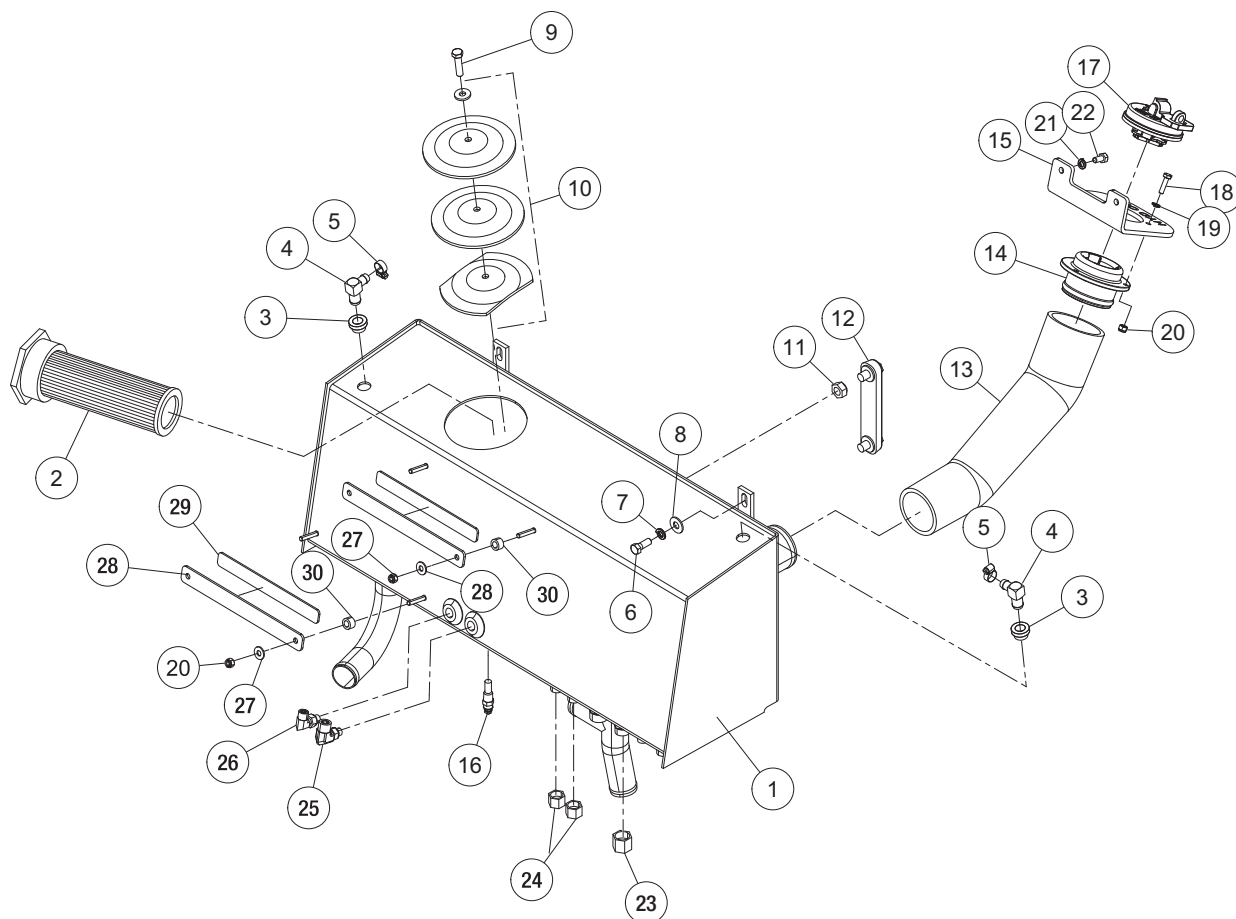
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**RS-50 Serial # Valid from 00101**  
**R165S/R185S Serial # Valid from 00101**

Page 3-1A

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                             | REF. NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|-------------|------|-----------------------------------------|----------|-------------|------|-------------|
| 1        | 7000-445    | 1    | WLMT TANK HYDRAULIC                     |          |             |      |             |
| 2        | 0201-151    | 1    | SCREEN,SUCTION,2.5"                     |          |             |      |             |
| 3        | 0090-336    | 2    | GROMMET 1/2" VINTON LARGE               |          |             |      |             |
| 4        | 0090-102    | 2    | ADAPTER INSERT 1/2" 90°                 |          |             |      |             |
| 5        | 0300-732    | 2    | CLAMP,HOSE,#4 MM4                       |          |             |      |             |
| 6        | 8102-222    | 2    | CAPSCREW,HH,3/8-16 UNCx1.0,GD8,ZN       |          |             |      |             |
| 7        | 8051-272    | 2    | WASHER,SPRING LOCK,3/8,ZN               |          |             |      |             |
| 8        | 8050-282    | 2    | WASHER,WROUGHT,3/8,STD,ZN               |          |             |      |             |
| 9        | 8102-225    | 1    | CAPSCREW,HH,3/8-16 UNCx1.5,GD8,ZN       |          |             |      |             |
| 10       | 0304-452    | 1    | ASSY,COVER,ACCESS                       |          |             |      |             |
| 11       | 0310-400    | 2    | NUT,WELD,HEX 1/2-13 UNC                 |          |             |      |             |
| 12       | 0304-642    | 1    | GAUGE,SIGHT 5"                          |          |             |      |             |
| 13       | 7000-345    | 1    | HYDRAULIC OIL FILL HOSE                 |          |             |      |             |
| 14       | 2075-992    | 1    | NECK FILLER OIL PLASTIC                 |          |             |      |             |
| 15       | 7000-346    | 1    | HYD OIL FILL BRKT                       |          |             |      |             |
| 16       | 0307-879    | 1    | SWITCH,TEMP,OIL,225°                    |          |             |      |             |
| 17       | 2045-408    | 1    | CAP OIL BLACK                           |          |             |      |             |
| 18       | 8102-042    | 3    | CAPSCREW, HH 1/4-20UNC 1" GD8           |          |             |      |             |
| 19       | 8051-212    | 3    | WASHER,SPRING LOCK,1/4,ZN               |          |             |      |             |
| 20       | 8040-366    | 3    | NUT,HEX,NYLOCK,1/4-20 UNC,ZN            |          |             |      |             |
| 21       | 8051-242    | 2    | WASHER,SPRING LOCK,5/16,ZN              |          |             |      |             |
| 22       | 8102-129    | 2    | CAPSCREW,HH,5/16-18UNCx5/8, GR          |          |             |      |             |
| 23       | 0310-338    | 1    | ADAPTER,CAP,8FFOR 8FNL-S24              |          |             |      |             |
| 24       | 0310-337    | 2    | ADAPTER,CAP,6FFOR 6V9829(FS0304-C-06)25 |          |             |      |             |
| 25       | 0310-557    | 1    | ADAPTER,6MFFOR-4MB-90                   |          |             |      |             |
| 26       | 0201-314    | 1    | ADAPTER,FS6801-04-04-NW0                |          |             |      |             |
| 27       | 8050-222    | 4    | WASHER,WROUGHT,1/4,STD,ZN               |          |             |      |             |
| 28       | 7000-803    | 2    | PLATE PILOT SANDWICH                    |          |             |      |             |
| 29       | 1066-009    | 2    | FOAM STRIP,ADHES BACK,7 3/4"            |          |             |      |             |
| 30       | 0201-628    | 4    | SPACER,CLAMP                            |          |             |      |             |
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# LIFT ARM CONTROL VALVE ASSEMBLY

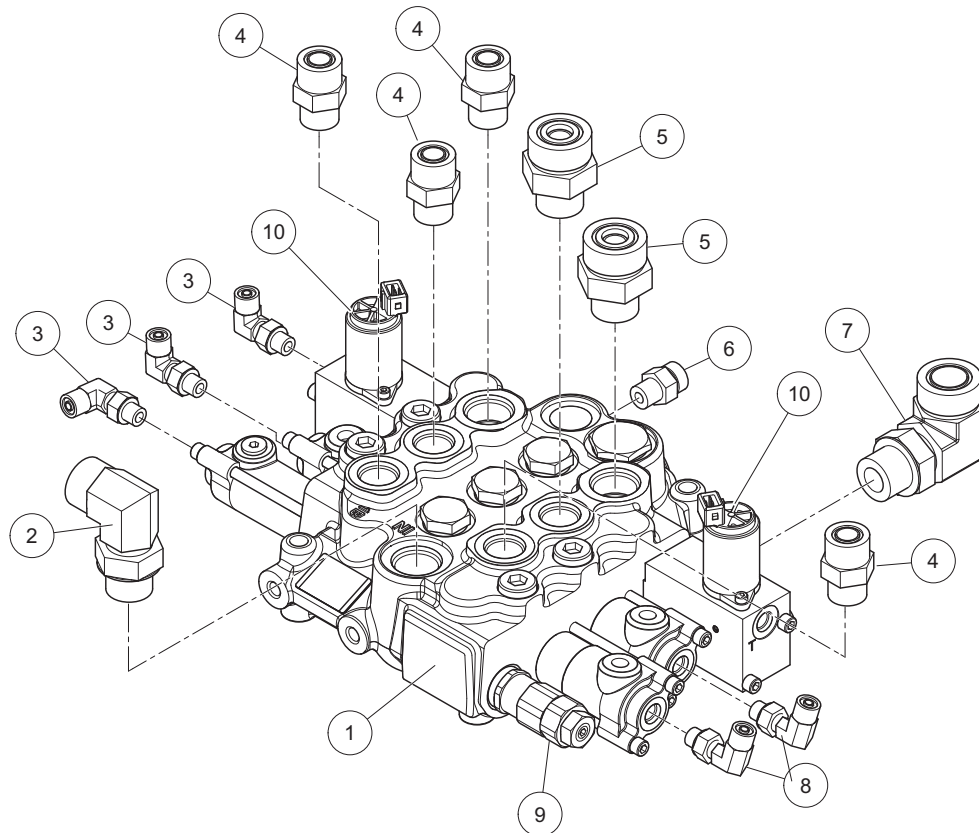
RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 3

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION              |
|----------|-------------|------|--------------------------|
| 1        | 3030-395    | 1    | VALVE LOADER             |
| 2        | 0310-321    | 1    | ADAPTER,12MFFOR-12MB90   |
| 3        | 0201-314    | 3    | ADAPTER,FS6801-04-04-NW0 |
| 4        | 0310-318    | 4    | ADAPTER,10MFFOR-10MB     |
| 5        | 0310-332    | 2    | ADAPTER,10MFFOR-12MB     |
| 6        | 0310-329    | 1    | ADAPTER,6MFFOR-6MB       |
| 7        | 0310-324    | 1    | ADAPTER,16MFFOR-12MB-90  |
| 8        | 7001-141    | 2    | ADAPTER,4MFFOR-4MB-45    |
| 9        | 7000-623    | 1    | RELIEF VALVE             |
| 10       | 0404-423    | 2    | SOLENOID CARTRIDGE VALVE |
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| REF. NO. | PART NUMBER | QTY. | DESCRIPTION |
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For kit information, please see page 10-1A



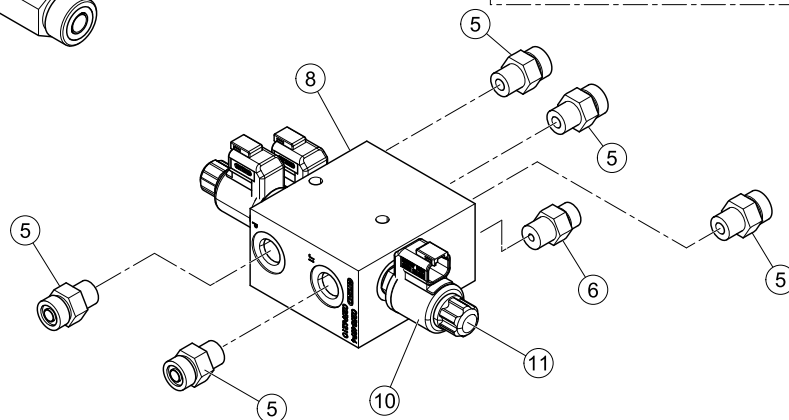
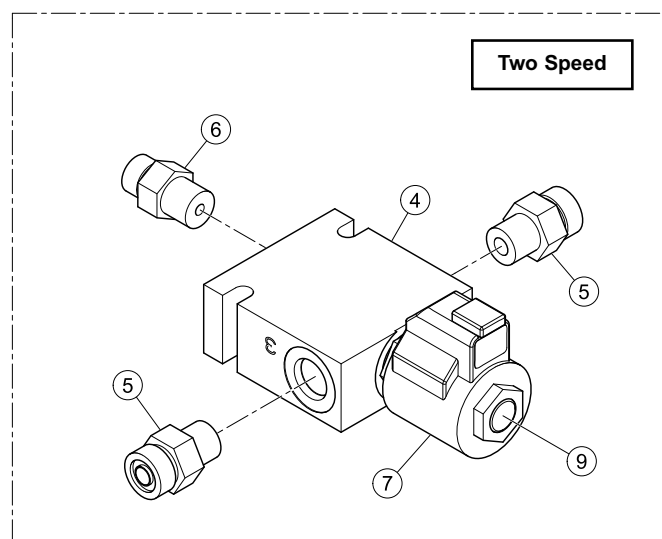
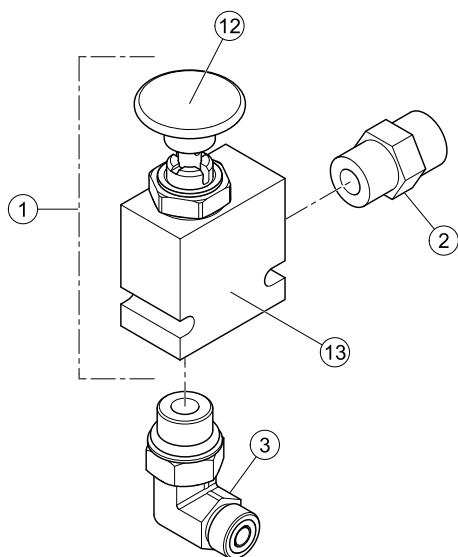
# SOLENOID BLOCKS

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

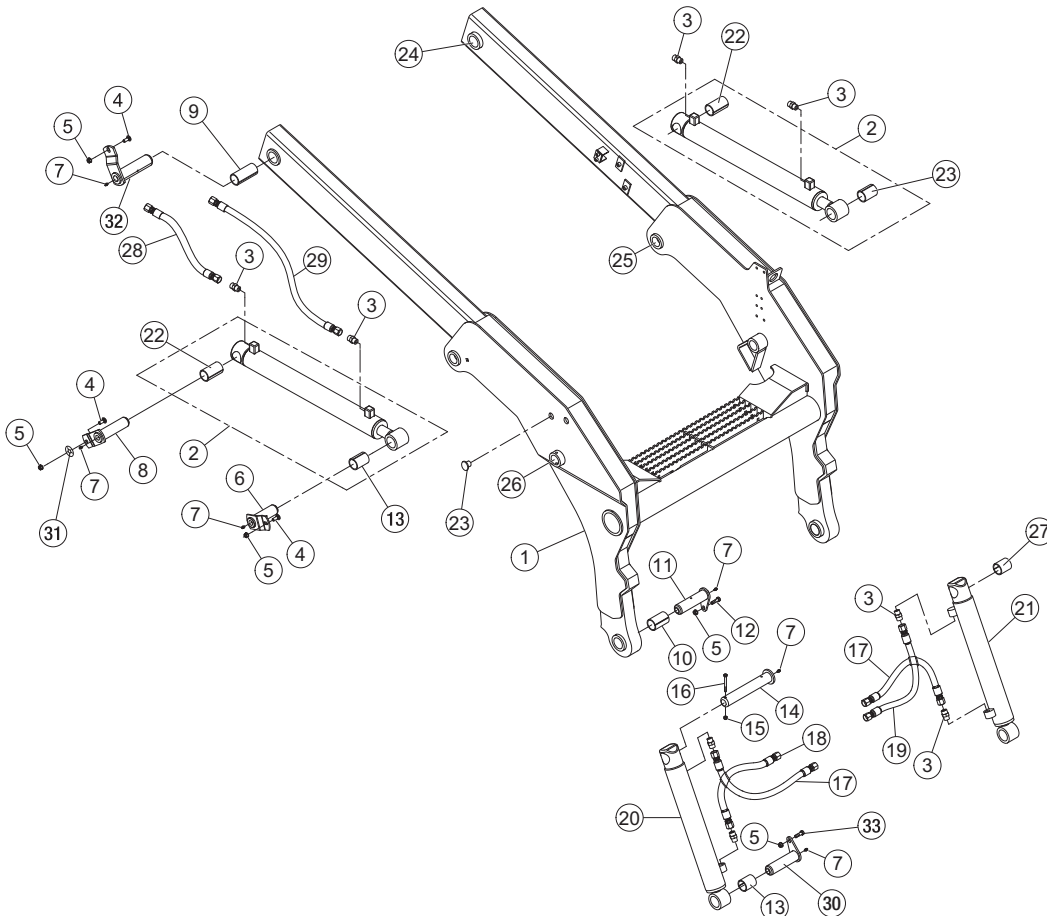
Chapter 3

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                        |
|----------|-------------|------|------------------------------------|
| 1        | 7000-294    | 1    | ASSY VALVE BOOM MANUAL             |
| 2        | 0310-345    | 1    | ADAPTER,8MFFOR-8MB                 |
| 3        | 7000-471    | 1    | ADAPTER 6MFFOR 8MB 90^             |
| 4        | 2051-615    | 1    | BLOCK CONTROL                      |
| 5        | 0310-329    | 7    | ADAPTER,6MFFOR-6MB                 |
| 6        | 0201-309    | 1    | ADAPTER,FS6400-04-06-0             |
| 7        | 0200-364    | 1    | COIL SOLENIOD 2 SPEED HYDRAULIC QA |
| 8        | 7005-675    | 1    | MANIFOLD PILOT GENERATION SIZE 6   |
| 9        | 2051-840    | 1    | CARTRIDGE SOLENIOD 2 SPEED         |
| 10       | 7000-625    | 3    | COIL PILOT GEN BLOCK               |
| 11       | 7000-624    | 3    | CARTRIDGE PILOT GEN BLOCK          |
| 12       | 7000-293    | 1    | PLUNGER VALVE                      |
| 13       | 7000-295    | 1    | BLOCK VALVE                        |

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|-------------|------|-------------|
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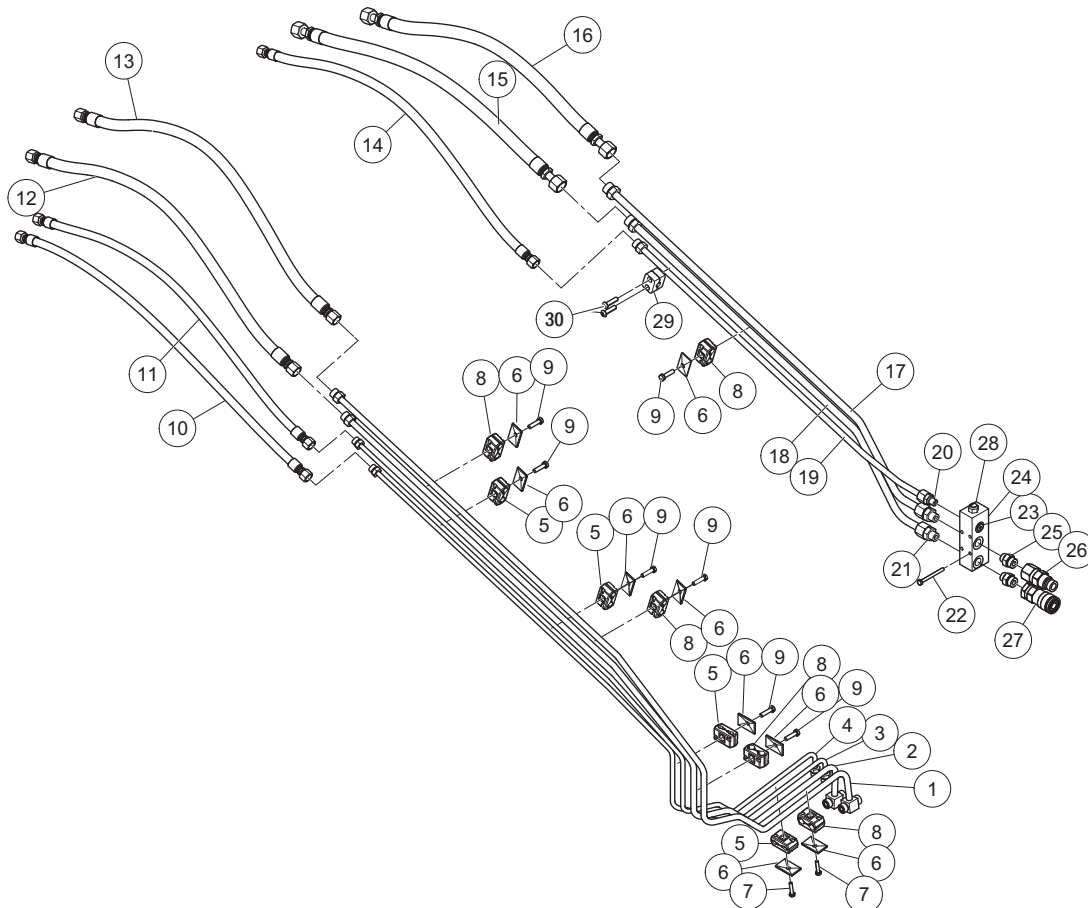


| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                                      |
|----------|-------------|------|--------------------------------------------------|
| 1        | 7000-003    | 1    | WLMT LOADER RADIAL MF                            |
| 2        | 2030-824    | 2    | CYLINDER BOOM                                    |
| 3        | 0310-345    | 8    | ADAPTER,8MFFOR--8MB                              |
| 4        | 8011-222    | 6    | BOLT,CARRIAGE,3/8-16 UNCx1.0,ZN                  |
| 5        | 0314-269    | 8    | NUT,FLANGE,TOPLK,3/8-16UNC,GDG,ZN                |
| 6        | 2030-562    | 2    | WLMT PIN 1.5 X 4.51                              |
| 7        | 0300-607    | 12   | ZERK,GREASE,1/4-28 1103K21                       |
| 8        | 0201-231    | 2    | WLMT,PIN,5.50"                                   |
| 9        | 7000-341    | 2    | BUSHING,SPRING, 1 3/4" X 1 1/2" X 3 7/8"         |
| 10       | 7000-342    | 2    | BUSHING LOADER LOWER                             |
| 11       | 0201-852    | 2    | WLMT,PIN,6.00"                                   |
| 12       | 8102-224    | 4    | CAPSCREW,HH,3/8-16UNCx1.25,GD8,ZN                |
| 13       | 0003-053    | 4    | BUSHING CYLINDER BUCKET ROD END1.75 x 1.5 x 2.00 |
| 14       | 7000-284    | 2    | WLMT PIN,CYLINDER,TILT                           |
| 15       | 8040-366    | 2    | NUT,HEX,NYLOCK,1/4-20 UNC,ZN                     |
| 16       | 8102-050    | 2    | CAPSCREW,HH,1/4-20,UNC,2.75ZN,GD8                |
| 17       | 7000-410    | 2    | HOSE, -, 4000 PSI, 8FFORX, 8FFORX, 17.8          |
| 18       | 7000-411    | 1    | HOSE, -, 4000 PSI, 8FFORX, 8FFORX, 16.1          |
| 19       | 7000-412    | 1    | HOSE, -, 4000 PSI, 8FFORX, 8FFORX, 19.3          |
| 20       | 7100-451    | 1    | CYLINDER TILT RH                                 |
| 21       | 7100-450    | 1    | CYLINDER TILT LH                                 |
| 22       | 2030-655    | 2    | BUSHING 1.50ID x 3.00                            |
| 23       | 0090-562    | 4    | PLUG TREE STYLE 1" HEAD X 0.42 X 1.2             |
| 24       | 7000-161    | 2    | BUSHING LOADER UPPER (WELD IN)                   |
| 25       | 7000-156    | 2    | TUBE BUSHING CYLINDER (WELD IN)                  |
| 26       | 7005-519    | 2    | BUSHING LOADER TILT CYLINDERS (WELD IN)          |
| 27       | 7000-802    | 2    | BUSHING BASE END                                 |
| 28       | 7000-409    | 2    | HOSE -10 4000 PSI 8FFORX 8FFORX 35.5"            |
| 29       | 7000-408    | 2    | HOSE -10 4000 PSI 8FFORX 8FFORX 50.0"            |
| 30       | 2040-325    | 2    | WLMT, PIN, QA TILT,6.00                          |
| 31       | 0090-527    | 4    | BOLT 3/8" 25/32" O.D. ZINC PUSHNUT               |
| 32       | 2040-113    | 2    | WLMT PIN TOWER                                   |
| 33       | 8111-224    | 2    | BOLT,CARRIAGE,3/8-16UNCx1.25,GD8                 |
|          |             |      |                                                  |

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**RS-50 Serial # Valid from 00101**  
**R165S/R185S Serial # Valid from 00101**

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                              |
|----------|-------------|------|------------------------------------------|
| 1        | 7000-146    | 1    | SSL, MF, HYD, BUCKET, DUMP,TUBE          |
| 2        | 7000-147    | 1    | SSL, MF, HYD, BUCKET, CURL, TUBE         |
| 3        | 7000-149    | 1    | SSL, MF, HYD, QUICK ATTACH B, TUBE       |
| 4        | 7000-148    | 1    | SSL, MF, HYD, QUICK ATTACH A, TUBE       |
| 5        | 0201-225    | 4    | CLAMP,SET,T2038-PP                       |
| 6        | 0310-584    | 9    | PLATE,COVER TCP-T2 TCP-T2                |
| 7        | 8102-044    | 2    | CAPSCREW,HH,1/4-20UNCx1.25,GD8,ZN        |
| 8        | 0310-831    | 5    | CLAMP, SET, T2062-PP BEHRINGER           |
| 9        | 8102-134    | 7    | CAPSCREW,HH,5/16-18UNCx1.25GD8 ZN        |
| 10       | 7000-356    | 1    | HOSE, -6, 4000 PSI, 6FFORX, 6FFORX, "    |
| 11       | 7000-355    | 1    | HOSE, -6, 4000 PSI, 6FFORX, 6FFORX, "    |
| 12       | 7000-354    | 1    | HOSE, -8, 4000 PSI, 8FFORX, 8FFORX, "    |
| 13       | 7000-353    | 1    | HOSE, -8, 4000 PSI, 8FFORX, 8FFORX, "    |
| 14       | 7000-494    | 1    | HOSE -6 4000 PSI 8FFORX 8FFORX 36"       |
| 15       | 7000-493    | 1    | HOSE -10 4000PSI 10FFORX 10FFORX (AUX B) |
| 16       | 7000-492    | 1    | HOSE -10 4000PSI 10FFORX 10FFORX (AUX A) |
| 17       | 7000-143    | 1    | SSL, MF, HYD,AUX A,TUBE                  |
| 18       | 7000-144    | 1    | SSL, MF, HYD,AUX B,TUBE                  |
| 19       | 7000-145    | 1    | SSL, MF, HYD, AUX CASE DRAIN,TUBE        |
| 20       | 0310-567    | 1    | ADAPTER,8MFFOR-6MB                       |
| 21       | 0201-658    | 2    | ADAPTER,10MFFOR-8MB-SV                   |
| 22       | 8102-050    | 4    | CAPSCREW,HH,1/4-20,UNC,2.75ZN,GD8        |
| 23       | 0304-188    | 1    | PLUG, ORING6                             |
| 24       | 0304-876    | 1    | MANIFOLD,AUX,HYD INNOTEK 22255 QD        |
| 25       | 0200-296    | 2    | ADAPTER,O-RING HEX NIPPLE,10-8           |
| 26       | 0310-077    | 1    | COUPLER,QUICK,FF,MALE,                   |
| 27       | 0310-076    | 1    | COUPLER,QUICK,FF,                        |
| 28       | 0201-838    | 1    | SPOOL,VALVE,QD BLOCK                     |
| 29       | 0201-402    | 1    | CLAMP,SET,2050-PP                        |
| 30       | 0090-457    | 2    | CAPSCREW 1/4-20 X 1" ZINC BUTTON SOCKET  |
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# HYDRAULIC CONTROL - SINGLE SPEED

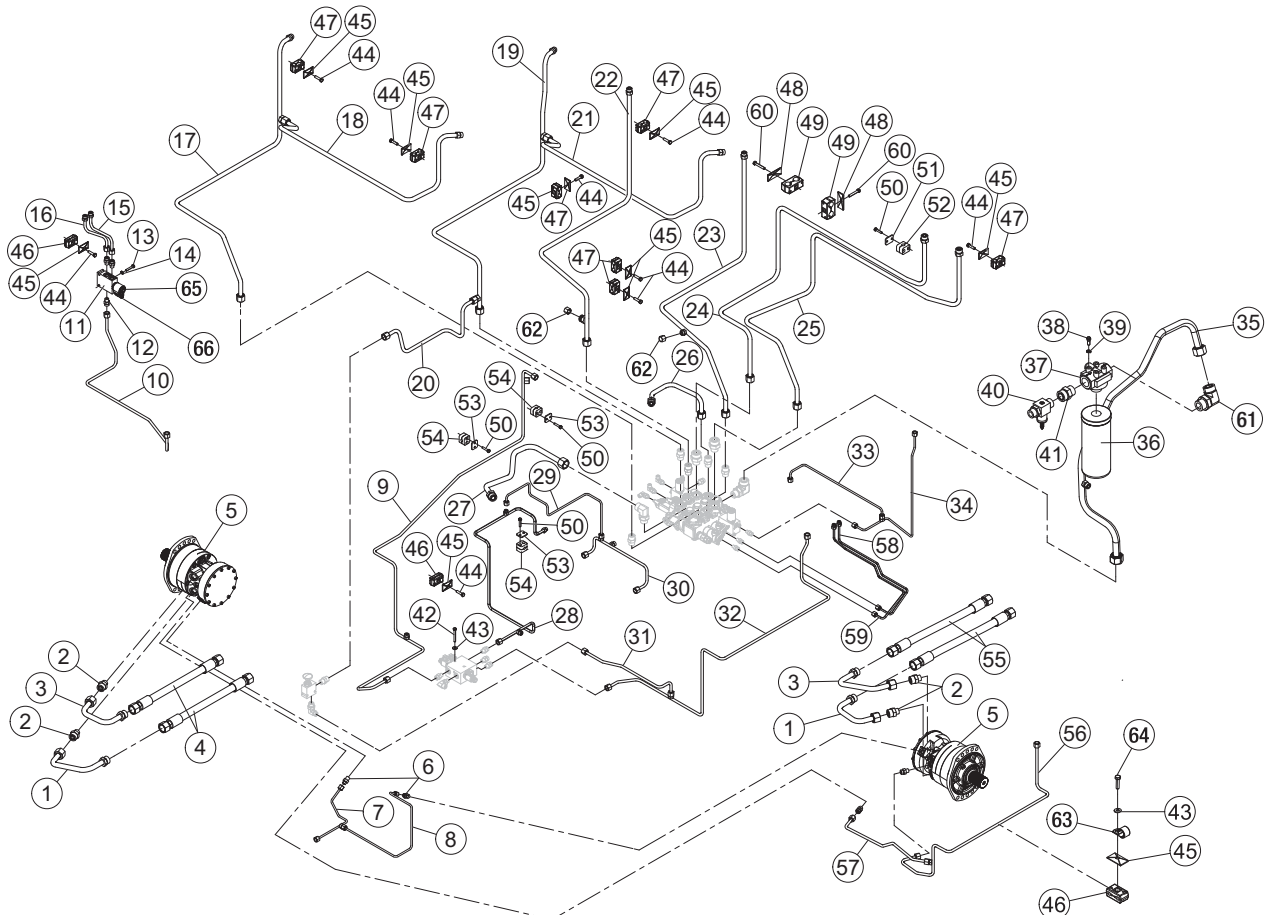
RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 3

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                               |
|----------|-------------|------|-------------------------------------------|
| 1        | 7000-335    | 2    | TUBE DRIVE 1 SPEED BTM RH MF              |
| 2        | 0315-013    | 4    | ADAPTER,12MFFOR-10MB                      |
| 3        | 7000-314    | 2    | TUBE DRIVE TOP 1 SPEED RH MF              |
| 4        | 7000-370    | 2    | HOSE, -12, 6000 PSI, 12FFORX, 12FFORX, 17 |
| 5        | 7001-485    | 2    | MOTOR SINGLE SPEED MCR3, SERIES 33, 400cc |
| 6        | 0201-309    | 2    | ADAPTER,FS6400-04-06-0                    |
| 7        | 7000-312    | 1    | TUBE BRAKE 1 SPEED RH MF                  |
| 8        | 7000-313    | 1    | TUBE BRAKE 1 SPEED LH MF                  |
| 9        | 7000-289    | 1    | TUBE 1 HYD QUICK                          |
| 10       | 7000-299    | 1    | HYDRAULIC QUICK TUBE 3                    |
| 11       | 2075-359    | 1    | VALVE 2 POS 4 WAY SV08                    |
| 12       | 0310-329    | 10   | ADAPTER,6MFFOR-6MB                        |
| 13       | 8102-045    | 2    | CAPSCREW,HH,1/4-20x1.5"ZN GD8             |
| 14       | 8051-212    | 2    | WASHER,SPRING LOCK,1/4,ZN                 |
| 15       | 7000-324    | 1    | HYDRAULIC QUICK TUBE 3                    |
| 16       | 7000-290    | 1    | HYDRAULIC QUICK TUBE 2                    |
| 17       | 7000-121    | 1    | ASSY TUBE HYD LOADER A MF                 |
| 18       | 7000-127    | 1    | TUBE CROSS LOADER VALVE HYD MF            |
| 19       | 7000-120    | 1    | ASSY TUBE HYD LOADER B                    |
| 20       | 7000-300    | 1    | TUBE 1 BOOM EMERGENCY                     |
| 21       | 7000-288    | 1    | TUBE, LOADER, BOOM CYL, LH                |
| 22       | 7000-122    | 1    | ASSY TUBE HYD CURL B MF                   |
| 23       | 7000-123    | 1    | ASSY TUBE HYD CURL A MF                   |
| 24       | 7000-315    | 1    | TUBE HYD AUX B                            |
| 25       | 7000-316    | 1    | TUBE HYD AUX A                            |
| 26       | 7000-332    | 1    | TUBE, HIGH FLOW FEED                      |
| 27       | 7000-338    | 1    | TUBE, VALVE, MAIN FEED                    |
| 28       | 7000-982    | 1    | J2 MF GEN BLOCK TUBE                      |
| 29       | 7000-297    | 1    | TUBE, J2 TO VALVE PRESSURE                |
| 30       | 7000-305    | 1    | TUBE 1 VALVE PRESSURE                     |
| 31       | 7000-480    | 1    | HOSE, -6, 3000 PSI, 6FFORX, 6FFORX, 73.4" |
| 32       | 7000-307    | 1    | TUBE GEN BLOCK TO TANK #6                 |
| 33       | 7000-304    | 1    | TUBE 2 VALVE TO TANK                      |
| 34       | 7000-303    | 1    | TUBE 1 VALVE TO TANK                      |
| 35       | 7000-292    | 1    | TUBE VALVE TO FILTER                      |
| 36       | 0404-161    | 1    | FILTER SPIN-ON HYD                        |
| 37       | 0201-403    | 1    | HEAD,FILTER                               |
| 38       | 8102-222    | 4    | CAPSCREW,HH,3/8-16 UNCx1.0,GD8,ZN         |
| 39       | 8051-272    | 4    | WASHER,SPRING LOCK,3/8,ZN                 |
| 40       | 7000-277    | 1    | VALVE BYPASS 80 PSI                       |

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                              |
|----------|-------------|------|------------------------------------------|
| 41       | 0310-312    | 1    | ADAPTER,16MFFOR-16MB                     |
| 42       | 8102-048    | 2    | CAPSCREW,HH,1/4-20UNCx2.25,GD8           |
| 43       | 8050-222    | 2    | WASHER,WROUGHT,1/4,STD,ZN                |
| 44       | 8102-134    | 9    | CAPSCREW,HH,5/16-18UNCx1.25GD8 ZN        |
| 45       | 0310-584    | 9    | PLATE,COVER TCP-T2 TCP-T2                |
| 46       | 0201-225    | 3    | CLAMP,SET,T2038-PP                       |
| 47       | 0310-831    | 7    | CLAMP, SET, T2062-PP BEHRINGER           |
| 48       | 0201-227    | 2    | CLAMP,COVER,TCP-T4                       |
| 49       | 0201-226    | 2    | CLAMP,SET,T4100-PP                       |
| 50       | 8102-044    | 10   | CAPSCREW,HH,1/4-20UNCx1.25,GD8,ZN        |
| 51       | 0201-224    | 1    | COVER,CLAMP,COP-2                        |
| 52       | 0201-402    | 1    | CLAMP,SET,2050-PP                        |
| 53       | 2045-581    | 3    | PLATE COVER COP-1                        |
| 54       | 2045-580    | 3    | CLAMP SET 1038-PP                        |
| 55       | 7000-369    | 2    | HOSE, -12, 6000 PSI, 12FFORX, 12FFORX, 2 |
| 56       | 7000-319    | 1    | TUBE 1 SPEED CASE DRAIN LH #6            |
| 57       | 7000-318    | 1    | TUBE 1 SPEED CASE DRAIN RH #6            |
| 58       | 7000-531    | 1    | TUBE JOYSTICK BUCKET DUMP                |
| 59       | 7000-530    | 1    | TUBE JOYSTICK BOOM DOWN                  |
| 60       | 8102-137    | 2    | CAPSCREW,HH,5/16-18UNCx2.0 GD8 ZN        |
| 61       | 0310-343    | 1    | ADAPTER,16MFFOR-16MB-90^                 |
| 62       | 0310-339    | 1    | ADAPTER,CAP                              |
| 63       | 0310-466    | 1    | CLAMP,WIRE,3/4 RBC-3/4                   |
| 64       | 8102-135    | 1    | CAPSCREW,HH,5/16-18X1.50ZN,GD8           |
| 65       | 0118-168    | 1    | SPOOL,SOLENOID,2POSITION,4WAY            |
| 66       | 0200-364    | 1    | SOLENOID                                 |

For kit information, please see page 10-1A



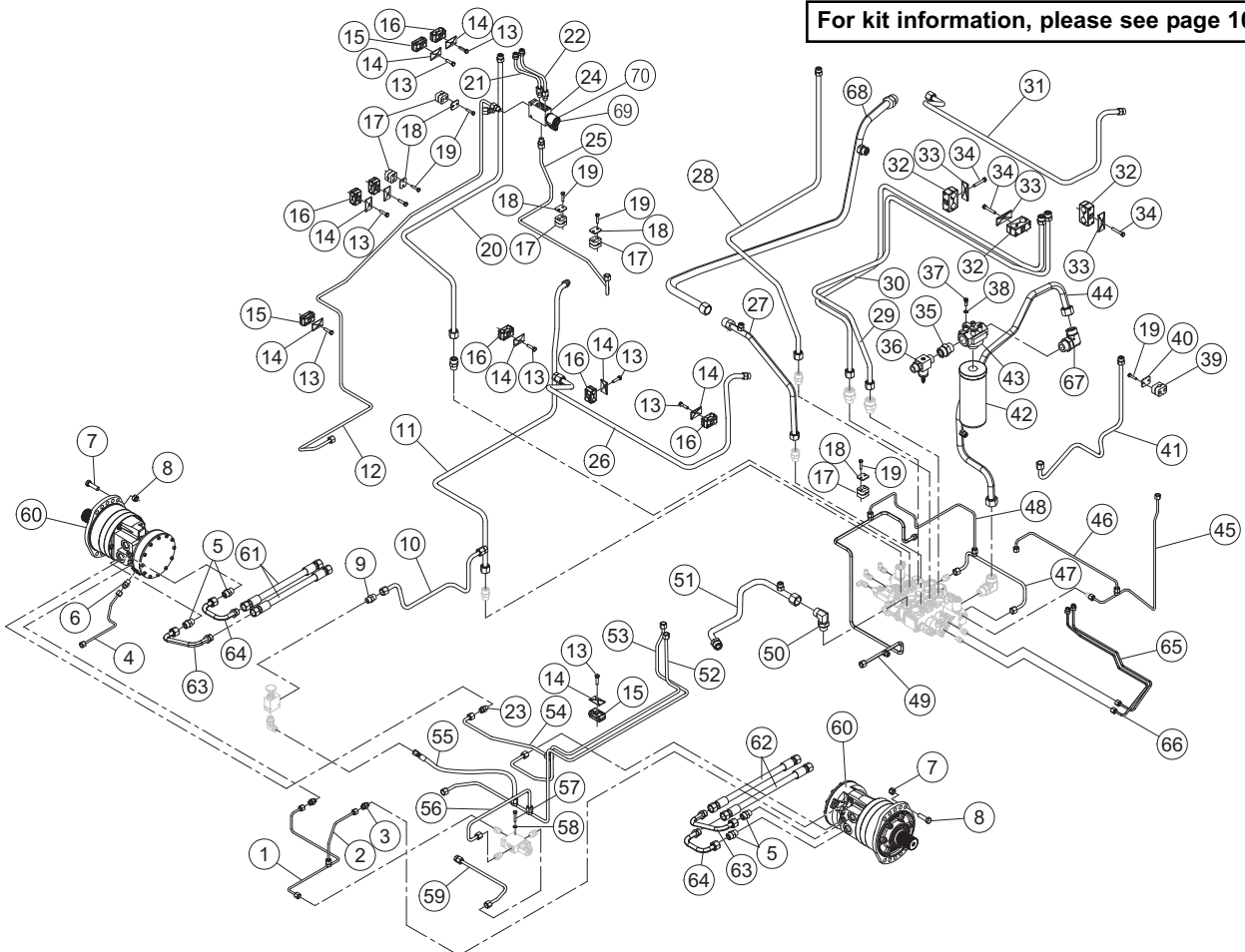
# HYDRAULIC CONTROL - TWO SPEED

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 3

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                       | REF. NO. | PART NUMBER | QTY. | DESCRIPTION                               |
|----------|-------------|------|-----------------------------------|----------|-------------|------|-------------------------------------------|
| 1        | 7000-365    | 1    | TUBE, 2 SPEED, RH 2 SPEED         | 41       | 7000-291    | 1    | BOOM CASE DRAIN TUBE                      |
| 2        | 7000-366    | 1    | TUBE, 2 SPEED, LH 2 SPEED         | 42       | 0404-161    | 1    | FILTER SPIN-ON HYD                        |
| 3        | 0201-654    | 2    | ADAPTER,FS,6400,04,06,SHORT       | 43       | 0201-403    | 1    | HEAD,FILTER                               |
| 4        | 7000-361    | 2    | TUBE, 2 SPEED, RH BRAKE           | 44       | 7000-292    | 1    | TUBE VALVE TO FILTER                      |
| 5        | 0315-005    | 4    | ADAPTER,12MFFOR-12MB              | 45       | 7000-303    | 1    | TUBE 1 VALVE TO TANK                      |
| 6        | 0201-309    | 4    | ADAPTER,FS6400-04-06-0            | 46       | 7000-304    | 1    | TUBE 2 VALVE TO TANK                      |
| 7        | 8102-406    | 20   | CAPSCREW,HH,1/2-13UNCx1.75,GD8    | 47       | 7000-305    | 1    | TUBE 1 VALVE PRESSURE                     |
| 8        | 8040-606    | 20   | NUT,HEX,NYLOCK,1/2-13 UNC,ZN      | 48       | 7000-297    | 1    | TUBE, J2 TO VALVE PRESSURE                |
| 9        | 0310-345    | 13   | ADAPTER,8MFFOR-8MB                | 49       | 7000-982    | 1    | J2 MF GEN BLOCK TUBE                      |
| 10       | 7000-300    | 1    | TUBE 1 BOOM EMERGENCY             | 50       | 0310-321    | 1    | ADAPTER,12MFFOR-12MB90                    |
| 11       | 7000-120    | 1    | ASSY TUBE HYD LOADER B            | 51       | 7000-338    | 1    | TUBE, VALVE, MAIN FEED                    |
| 12       | 7000-289    | 1    | TUBE 1 HYD QUICK                  | 52       | 7000-364    | 1    | TUBE, 2 SPEED, LH CASEDRAIN               |
| 13       | 8102-134    | 9    | CAPSCREW,HH,5/16-18UNCx1.25GD8 ZN | 53       | 7000-365    | 1    | TUBE 2 SPEED RH, 2 SPEED                  |
| 14       | 0310-584    | 9    | PLATE,COVER TCP-T2 TCP-T2         | 54       | 7000-363    | 1    | TUBE, 2 SPEED, RH CASEDRAIN               |
| 15       | 0201-225    | 3    | CLAMP,SET,T2038-PP                | 55       | 7000-480    | 1    | HOSE, -6, 3000 PSI, 6FFORX, 6FFORX, 73.4" |
| 16       | 0310-831    | 6    | CLAMP, SET, T2062-PP BEHRINGER    | 56       | 7000-308    | 1    | 2 SPEED TANK DUMP TUBE                    |
| 17       | 2045-580    | 5    | CLAMP SET 1038-PP                 | 57       | 8102-045    | 2    | CAPSCREW,HH,1/4-20x1.5"ZN GD8             |
| 18       | 2045-581    | 5    | PLATE COVER COP-1                 | 58       | 8051-212    | 2    | WASHER,SPRING LOCK,1/4,ZN                 |
| 19       | 8102-044    | 12   | CAPSCREW,HH,1/4-20UNCx1.25,GD8,ZN | 59       | 7000-983    | 1    | MF 2 SPEED PRESSURE TUBE                  |
| 20       | 7000-122    | 1    | ASSY TUBE HYD CURL B MF           | 60       | 7001-487    | 2    | MOTOR TWO SPEED, MCR3, SERIES 33, 400cc   |
| 21       | 7000-290    | 1    | HYDRAULIC QUICK TUBE 2            | 61       | 7000-367    | 2    | HOSE, -12, 6000 PSI, 12FFORX, 12FFORX, "  |
| 22       | 7000-324    | 1    | HYDRAULIC QUICK TUBE 3            | 62       | 7000-368    | 2    | HOSE, -12, 6000 PSI, 12FFORX, 12FFORX, "  |
| 23       | 0310-329    | 8    | ADAPTER,6MFFOR-6MB                | 63       | 7000-358    | 2    | TUBE, 2 SPEED, RH DRIVE BOTTOM            |
| 24       | 2075-359    | 1    | VALVE 2 POS 4 WAY SV08            | 64       | 7000-357    | 2    | TUBE, 2 SPEED, RH DRIVE TOP               |
| 25       | 7000-299    | 1    | HYDRAULIC QUICK TUBE 3            | 65       | 7000-531    | 1    | TUBE JOYSTICK BUCKET DUMP                 |
| 26       | 7000-288    | 1    | TUBE, LOADER, BOOM CYL, LH        | 66       | 7000-530    | 1    | TUBE JOYSTICK BOOM DOWN                   |
| 27       | 7001-183    | 1    | TUBE A LOADER DWN                 | 67       | 0310-343    | 1    | ADAPTER,16MFFOR-16MB-90^                  |
| 28       | 7000-123    | 1    | ASSY TUBE HYD CURL A MF           | 68       | 7001-184    | 1    | TUBE                                      |
| 29       | 7000-986    | 1    | TUBE HYD AUX A Replacement        | 69       | 0018-168    | 1    | SPOOL,SOLENOID,2POSITION,4WAY             |
| 30       | 7000-315    | 1    | TUBE HYD AUX B                    | 70       | 0200-364    | 1    | SOLENOID                                  |
| 31       | 7000-127    | 1    | TUBE CROSS LOADER VALVE HYD MF    |          |             |      |                                           |
| 32       | 0201-226    | 3    | CLAMP,SET,T4100-PP                |          |             |      |                                           |
| 33       | 0201-227    | 3    | CLAMP,COVER,TCP-T4                |          |             |      |                                           |
| 34       | 8102-137    | 3    | CAPSCREW,HH,5/16-18UNCx2.0 GD8 ZN |          |             |      |                                           |
| 35       | 0310-312    | 1    | ADAPTER,16MFFOR-16MB              |          |             |      |                                           |
| 36       | 7000-274    | 1    | TEE RETURN VALVE                  |          |             |      |                                           |
| 37       | 8102-222    | 12   | CAPSCREW,HH,3/8-16 UNCx1.0,GD8,ZN |          |             |      |                                           |
| 38       | 8051-272    | 8    | WASHER,SPRING LOCK,3/8,ZN         |          |             |      |                                           |
| 39       | 0201-402    | 1    | CLAMP,SET,2050-PP                 |          |             |      |                                           |
| 40       | 0201-224    | 1    | COVER,CLAMP,COP-2                 |          |             |      |                                           |

For kit information, please see page 10-1A





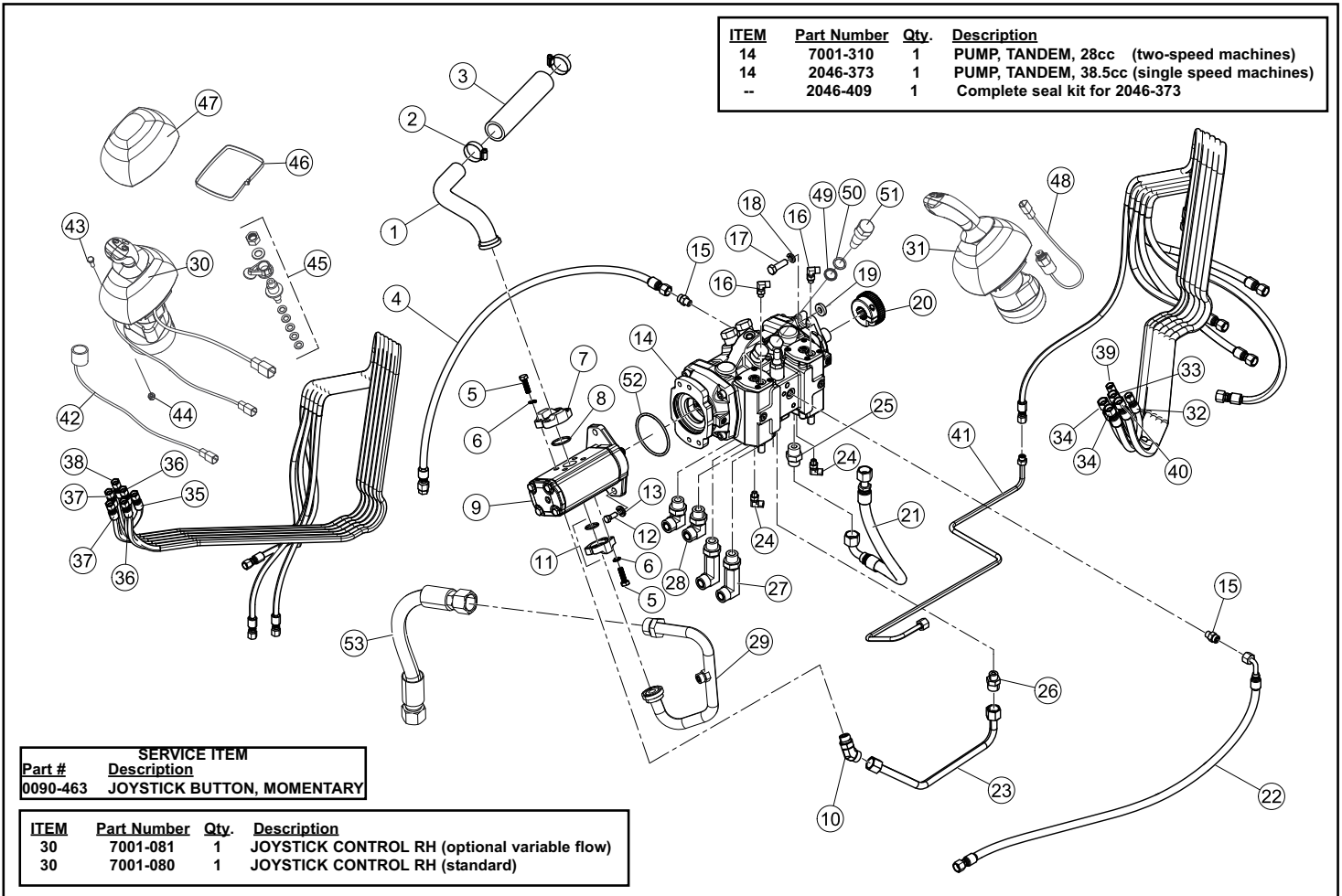
# HYDRAULIC DRIVE / AUXILIARY

R165S/R185S Serial # 00101-00130

Chapter 3

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                               |
|----------|-------------|------|-------------------------------------------|
| 1        | 7000-118    | 1    | TUBE,INTAKE                               |
| 2        | 0303-238    | 2    | CLAMP,HOSE,                               |
| 3        | 0304-528    | 1    | HOSE,RES,1.5x9                            |
| 4        | 2010-730    | 1    | HOSE 1.575" PARKER EZ SERIES              |
| 5        | 0310-468    | 8    | CAPSCREW,HH,M10x1.5x35,ZINC               |
| 6        | 0301-781    | 8    | WASHER,SPLIT LOCK,10mm,ZN                 |
| 7        | 0200-171    | 2    | COUPLING,SPLIT,CODE 61,1.25"              |
| 8        | 0310-294    | 1    | O-RING,#222,1.50x1.75x.13 ( LUTZ )        |
| 9        | 7001-414    | 1    | PUMP,HYD,AUX                              |
| 10       | 7000-744    | 1    | ADAPTER,10MFFOR-10MB45                    |
| 11       | 0200-172    | 2    | COUPLING,SPLIT,CODE 61,0.75"              |
| 12       | 0200-337    | 2    | CAPSCREW,HH,M12x1.75x40MM,GR8.8           |
| 13       | 8051-272    | 2    | WASHER,SPRING LOCK,3/8,ZN                 |
| 14       | -----       | 1    | SEE LIST IN ILLUSTRATION                  |
| 15       | 0310-329    | 2    | ADAPTER,6MFFOR-6MB                        |
| 16       | 0201-314    | 2    | ADAPTER,FS6801-04-04-NW0                  |
| 17       | 0201-575    | 2    | CAPSCREW,HH,1/2-13x1.625,GD8              |
| 18       | 0090-148    | 2    | WASHER SPRING LOCK 1/2 ZN                 |
| 19       | 0304-404    | 2    | WASHER,FLAT,1.125 OD x .5 ID x 1/4,ZN     |
| 20       | 0200-104    | 1    | HUB,PUMP DRIVE,1 1/4" x 14                |
| 21       | 7000-496    | 1    | HOSE -16 400PSI 10FFORX 10FFORX 22.6"     |
| 22       | 7000-562    | 1    | HOSE -6 3000PSI 6FFORX 6FFORX90S 39.32"   |
| 23       | 7000-964    | 1    | TUBE CHARGE -10                           |
| 24       | 0310-557    | 2    | ADAPTER,6MFFOR-4MB-90                     |
| 25       | 0310-332    | 1    | ADAPTER,10MFFOR-12MB                      |
| 26       | 0201-658    | 1    | ADAPTER,10MFFOR-8MB-SV                    |
| 27       | 0201-316    | 2    | ADAPTER,FS6801-L-12-12-NW0                |
| 28       | 0310-321    | 2    | ADAPTER,12MFFOR-12MB90                    |
| 29       | 7000-739    | 1    | HOSE, -12, 4000 PSI, 16FL, 12FFORX45, 25" |
| 30       | -----       | 1    | SEE LIST IN ILLUSTRATION                  |
| 31       | 7000-441    | 1    | JOYSTICK CONTROL LH                       |
| 32       | 7000-473    | 1    | HOSE -6 3000 PSI 4FFFORX 6FFORX 135"      |
| 33       | 7000-472    | 1    | HOSE -6 3000 PSI 4FFFORX 4FFORX 100"      |
| 34       | 7000-479    | 2    | HOSE PILOT                                |
| 35       | 7000-476    | 1    | HOSE -6 3000 PSI 4FFFORX 6 FFORX 114"     |
| 36       | 7000-475    | 2    | HOSE -6 3000 PSI 4FFFORX 4FFORX 115"      |
| 37       | 7000-477    | 2    | HOSE PILOT                                |
| 38       | 7000-474    | 1    | HOSE -6 3000 PSI 4FFORX 6FFORX 95"        |
| 39       | 7000-480    | 1    | HOSE -4 3000PSI 4FFFORX 4FFORX 56.8"      |
| 40       | 7000-478    | 1    | HOSE -6 3000PSI 6FFFORX 6FFORX 95"        |

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                            |
|----------|-------------|------|----------------------------------------|
| 41       | 7000-528    | 1    | TUBE JOYSTICK PRESSURE DRIVE           |
| 42       | 0304-516    | 1    | HMAGNET,DETENT                         |
| 43       | 8102-040    | 8    | CAPSCREW,HH,1/4-20 UNCx.75,GD8 ZN      |
| 44       | 8040-366    | 8    | NUT,HEX,NYLOCK,1/4-20 UNC,ZN           |
| 45       | 2010-138    | 1    | KIT CARDAN RH                          |
| 46       | 0307-882    | 2    | TIE,CABLE,BLACK,18.1",W/STL INSERT     |
| 47       | 2045-735    | 2    | BOOT CONTROLLER                        |
| 48       | 0304-441    | 1    | SWITCH,PRESSURE                        |
| 49       | 0403-001    | 4    | O-RING VALVE RELIEF                    |
| 50       | 0403-002    | 4    | O-RING BACK-UP VALVE RELIEF            |
| 51       | 0201-876    | 4    | VALVE,RELIEF,5500 PSI                  |
| 52       | 0307-169    | 1    | O-RING,4.0" ID x 4-3/16" OD BUNA 2-155 |
| 53       | 7000-884    | 1    | HOSE -12,3300PSI 12FFORX 12FFORX 15.5" |



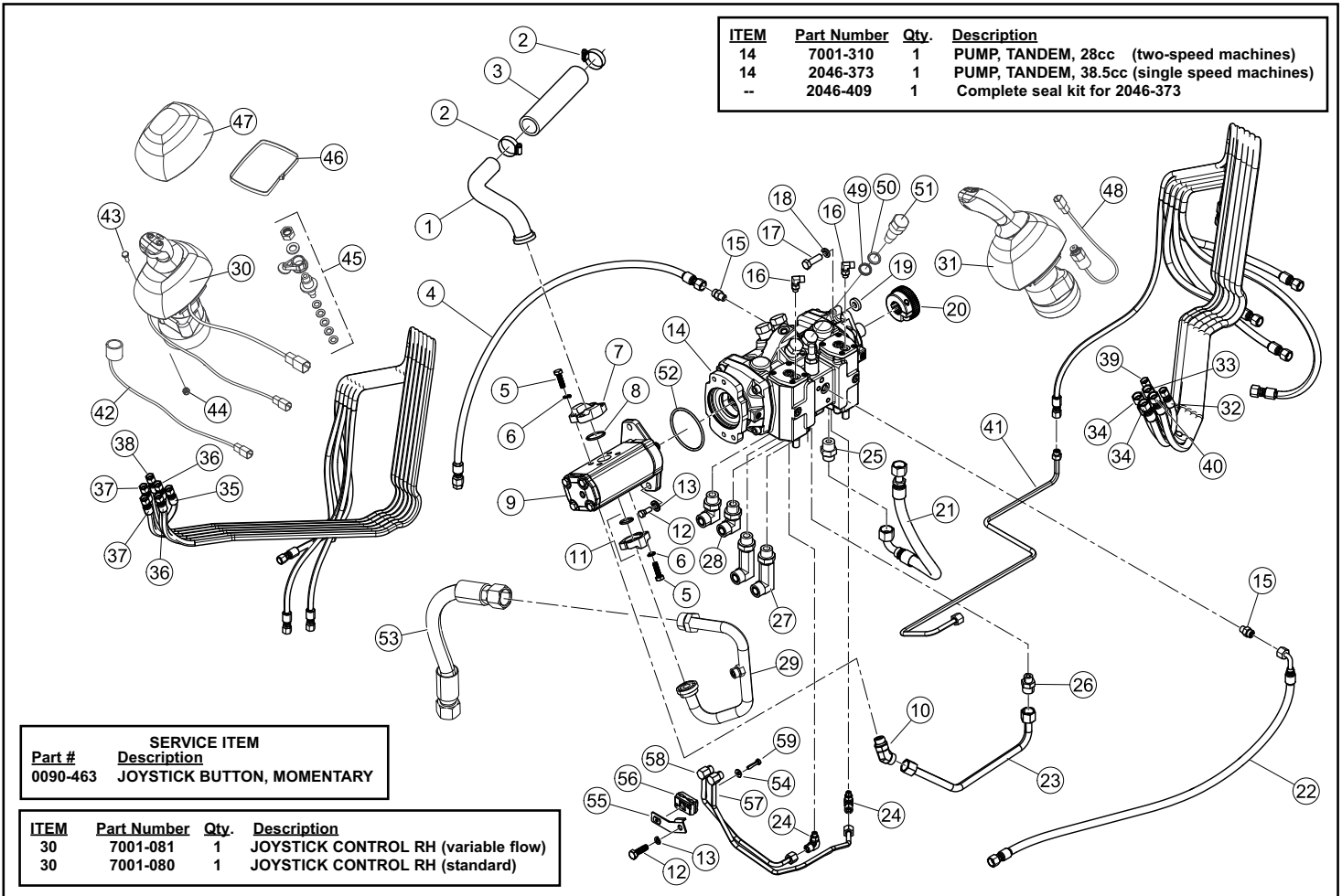
# HYDRAULIC DRIVE / AUXILIARY

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00131

Chapter 3

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                               |
|----------|-------------|------|-------------------------------------------|
| 1        | 7000-118    | 1    | TUBE,INTAKE                               |
| 2        | 0303-238    | 2    | CLAMP,HOSE,                               |
| 3        | 0304-528    | 1    | HOSE,RES,1.5x9                            |
| 4        | 2010-730    | 1    | HOSE 1.575" PARKER EZ SERIES              |
| 5        | 0310-468    | 8    | CAPSCREW,HH,M10x1.5x35,ZINC               |
| 6        | 0301-781    | 8    | WASHER,SPLIT LOCK,10mm,ZN                 |
| 7        | 0200-171    | 2    | COUPLING,SPLIT,CODE 61,1.25"              |
| 8        | 0310-294    | 1    | O-RING,#222,1.50x1.75x.13 ( LUTZ )        |
| 9        | 7001-414    | 1    | PUMP,HYD,AUX                              |
| 10       | 7000-744    | 1    | ADAPTER 10MFFOR-10MB45                    |
| 11       | 0200-172    | 2    | COUPLING,SPLIT,CODE 61,0.75"              |
| 12       | 0200-337    | 2    | CAPSCREW,HH,M12x1.75x40MM,GR8.8           |
| 13       | 8051-272    | 2    | WASHER,SPRING LOCK,3/8,ZN                 |
| 14       | -----       | 1    | SEE LIST IN ILLUSTRATION                  |
| 15       | 0310-329    | 2    | ADAPTER,6MFFOR-6MB                        |
| 16       | 0201-314    | 2    | ADAPTER,FS6801-04-04-NW0                  |
| 17       | 0201-575    | 2    | CAPSCREW,HH,1/2-13x1.625,GD8              |
| 18       | 0090-148    | 2    | WASHER SPRING LOCK 1/2 ZN                 |
| 19       | 0304-404    | 2    | WASHER,FLAT,1.125 OD x .5 ID x 1/4,ZN     |
| 20       | 0200-104    | 1    | HUB,PUMP DRIVE,1 1/4" x 14                |
| 21       | 7000-496    | 1    | HOSE -16 400PSI 10FFORX 10FFORX 22.6"     |
| 22       | 7000-562    | 1    | HOSE -6 3000PSI 6FFORX 6FFORX90S 39.32"   |
| 23       | 7000-964    | 1    | TUBE CHARGE -10                           |
| 24       | 0310-557    | 2    | ADAPTER,6MFFOR-4MB-90                     |
| 25       | 0310-332    | 1    | ADAPTER,10MFFOR-12MB                      |
| 26       | 0201-658    | 1    | ADAPTER,10MFFOR-8MB-SV                    |
| 27       | 0201-316    | 2    | ADAPTER,FS6801-L-12-12-NW0                |
| 28       | 0310-321    | 2    | ADAPTER,12MFFOR-12MB90                    |
| 29       | 7000-739    | 1    | HOSE, -12, 4000 PSI, 16FL, 12FFORX45, 25" |
| 30       | -----       | 1    | SEE LIST IN ILLUSTRATION                  |
| 31       | 7000-441    | 1    | JOYSTICK CONTROL LH                       |
| 32       | 7000-473    | 1    | HOSE -6 3000 PSI 4FFFORX 6FFORX 135"      |
| 33       | 7000-472    | 1    | HOSE -6 3000 PSI 4FFFORX 4FFORX 100"      |
| 34       | 7000-479    | 2    | HOSE PILOT                                |
| 35       | 7000-476    | 1    | HOSE -6 3000 PSI 4FFFORX 6 FFORX 114"     |
| 36       | 7000-475    | 2    | HOSE -6 3000 PSI 4FFFORX 4FFORX 115"      |
| 37       | 7000-477    | 2    | HOSE PILOT                                |
| 38       | 7000-474    | 1    | HOSE -6 3000 PSI 4FFORX 6FFORX 95"        |
| 39       | 7000-480    | 1    | HOSE -4 3000PSI 4FFFORX 4FFORX 56.8"      |
| 40       | 7000-478    | 1    | HOSE -6 3000PSI 6FFFORX 6FFORX 95"        |

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                            |
|----------|-------------|------|----------------------------------------|
| 41       | 7000-528    | 1    | TUBE JOYSTICK PRESSURE DRIVE           |
| 42       | 0304-516    | 1    | HMAGNET,DETENT                         |
| 43       | 8102-040    | 8    | CAPSCREW,HH,1/4-20 UNCx.75,GD8 ZN      |
| 44       | 8040-366    | 8    | NUT,HEX,NYLOCK,1/4-20 UNC,ZN           |
| 45       | 2010-138    | 1    | KIT CARDAN RH                          |
| 46       | 0307-882    | 2    | TIE,CABLE,BLACK,18.1",W/STL INSERT     |
| 47       | 2045-735    | 2    | BOOT CONTROLLER                        |
| 48       | 0304-441    | 1    | SWITCH,PRESSURE                        |
| 49       | 0403-001    | 4    | O-RING VALVE RELIEF                    |
| 50       | 0403-002    | 4    | O-RING BACK-UP VALVE RELIEF            |
| 51       | 0201-876    | 4    | VALVE,RELIEF,5500 PSI                  |
| 52       | 0307-169    | 1    | O-RING,4.0" ID x 4-3/16" OD BUNA 2-155 |
| 53       | 7000-884    | 1    | HOSE -12,3300PSI 12FFORX 12FFORX 15.5" |
| 54       | 8050-222    | 1    | WASHER,WROUGHT,1/4,STD,ZN              |
| 55       | 7001-891    | 1    | WLMNT, TUBE, MOUNT BRACKET             |
| 56       | 0201-225    | 1    | CLAMP,SET,T2038-PP                     |
| 57       | 7001-887    | 1    | TUBE, PUMP TO PILOT LINE F             |
| 58       | 7001-886    | 1    | TUBE, PUMP TO PILOT LINE E             |
| 59       | 8102-044    | 1    | CAPSCREW,HH,1/4-20UNCx1.25,GD8,ZN      |





# Chapter 4

## Electrical

### **4-1 Fuse Panel**

RS-50 Serial # valid from - 00101 **4-1A**

R165S/R185S Serial # valid from - 00101 **4-1A**

**\* Parts manuals are updated on a regular basis. Always refer to current online posted manuals to ensure you have the most up to date information prior to ordering parts.**

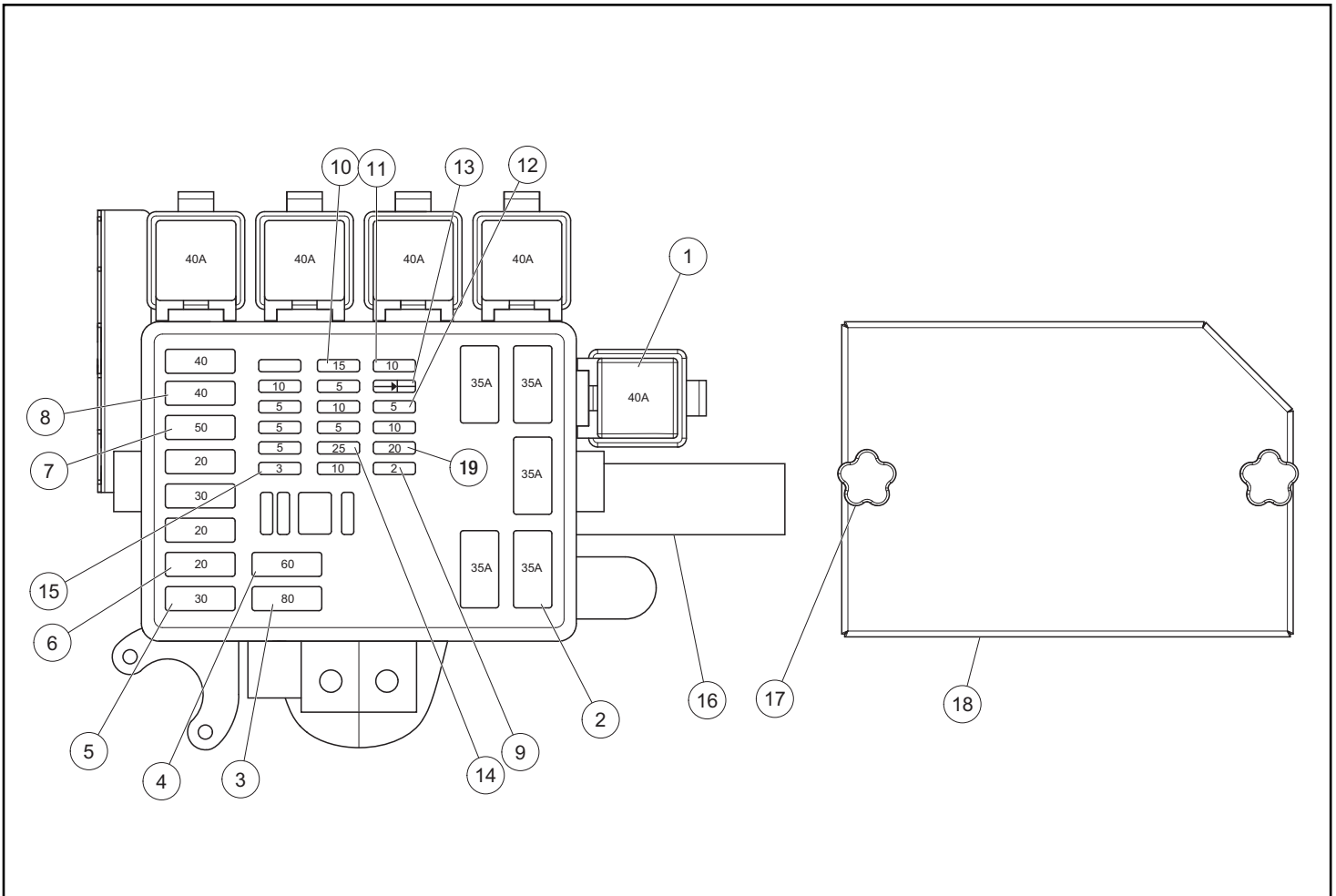
**NOTE:** Ordering parts that are painted requires a specific part number format. Please refer to page II of this manual for paint code and ordering information

# FUSE PANEL ASSEMBLY

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 4

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                       | REF. NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|-------------|------|-----------------------------------|----------|-------------|------|-------------|
| 1        | 0304-519    | 5    | RELAY,PLUG,GLOW                   |          |             |      |             |
| 2        | 2095-910    | 5    | RELAY SONG CHUAN, 301-1C-C-R1     |          |             |      |             |
| 3        | 0310-805    | 1    | FUSE,MAXI,80 AMP 7460K51 - 80 AMP |          |             |      |             |
| 4        | 0310-804    | 1    | FUSE,MAXI,60 AMP 78505            |          |             |      |             |
| 5        | 0310-801    | 2    | FUSE,MAXI,30 AMP 78502            |          |             |      |             |
| 6        | 0310-800    | 3    | FUSE,MAXI,20 AMP 78501            |          |             |      |             |
| 7        | 0310-803    | 1    | FUSE,MAXI,50 AMP 78504            |          |             |      |             |
| 8        | 0310-802    | 2    | FUSE,MAXI,40 AMP 78503            |          |             |      |             |
| 9        | 0310-793    | 1    | FUSE,MINI,2 AMP 77015             |          |             |      |             |
| 10       | 0310-796    | 1    | FUSE,MINI,15 AMP 77155            |          |             |      |             |
| 11       | 0310-795    | 5    | FUSE,MINI,10 AMP 77105            |          |             |      |             |
| 12       | 0310-794    | 5    | FUSE,MINI, 5 AMP 77055            |          |             |      |             |
| 13       | 0310-811    | 1    | DIODE, 3 AMP                      |          |             |      |             |
| 14       | 0310-798    | 1    | FUSE,MINI,25 AMP 77255            |          |             |      |             |
| 15       | 0310-779    | 1    | PLUG,DTHD,1PIN DTHD-06-1-8-S      |          |             |      |             |
| 16       | 7005-969    | 1    | *HARNES MAIN                      |          |             |      |             |
| 17       | 0090-239    | 2    | KNOB 1/5-4-20 UNC 2B              |          |             |      |             |
| 18       | 2075-810    | 1    | COVER FUSE PANEL                  |          |             |      |             |
| 19       | 0310-797    | 1    | FUSE,MINI,20 AMP 77205            |          |             |      |             |
|          |             |      |                                   |          |             |      |             |
|          |             |      |                                   |          |             |      |             |
|          |             |      |                                   |          |             |      |             |
|          |             |      |                                   |          |             |      |             |



# Chapter 5

## Undercarriage

### **5-1 Final Drive Assembly RT**

RS-50 Serial # valid from - 00101 **5-1A**

R165S/R185S Serial # valid from - 00101 **5-1A**

### **5-2 Final Drive Assembly LT**

RS-50 Serial # valid from - 00101 **5-2A**

R165S/R185S Serial # valid from - 00101 **5-2A**

**\* Parts manuals are updated on a regular basis. Always refer to current online posted manuals to ensure you have the most up to date information prior to ordering parts.**

**NOTE:** Ordering parts that are painted requires a specific part number format. Please refer to page II of this manual for paint code and ordering information.

**RS-50 Serial # Valid from 00101**  
**R165S/R185S Serial # Valid from 00101**

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                                    |
|----------|-------------|------|------------------------------------------------|
| 1        | 7000-215    | 2    | CHAIN # 80                                     |
| 2        | 7000-217    | 2    | WLMT SPROCKET DRIVEN 80 CHAIN                  |
| 3        | 7000-069    | 2    | SLEEVE HUB MID                                 |
| 4        | 7005-062    | 2    | O-RING 2-366 N-70                              |
| 5        | 7005-061    | 2    | O-RING 2-139 N70                               |
| 6        | 7005-060    | 2    | SEAL LIP 70x100x10                             |
| 7        | 7005-057    | 2    | BEARING CONE 389                               |
| 8        | 7005-055    | 4    | BEARING CUP 382A                               |
| 9        | 7000-260    | 2    | HOUSING MACHINED MID                           |
| 10       | 7005-058    | 2    | SEAL FLOATING                                  |
| 11       | 7000-067    | 2    | AXLE MACHINED MID                              |
| 12       | 7000-989    | 2    | RIM 16.5x8.25                                  |
| 13       | 7000-913    | 2    | TIRE 10.00-16.5 R4 10 Ply SKS                  |
| 14       | 7000-216    | 2    | WLMT SPROCKET DRIVE # 80                       |
| 15       | 0200-337    | 1    | CAPSCREW,HH,M12x1.75x40MM,GR8.8                |
| 16       | 0090-302    | 16   | Washer, M14 DIN6916 Structural                 |
| 17       | 0090-303    | 16   | NUT,HEX,9/16-18 UNF,ZN                         |
| 18       | 8050-282    | 1    | WASHER,WROUGHT,3/8,STD,ZN                      |
| 19       | 0090-458    | 32   | STUD WHEEL                                     |
| 20       | PH0181-2BP  | 32   | NUT - 9/16-18NF, 90 DEG TAPER, GR.5            |
| 21       | SEE LIST    | 2    | WHEEL/TIRE ASSEMBLY                            |
| 22       | 7000-065    | 2    | ASSY POD MID SIZE (INCLUDES LUG NUTS, ITEM 20) |
| 23       | 7000-059    | 2    | WASHER 1.060" x 2.5 x .25                      |
| 24       | 0090-254    | 2    | WCAPSCREW HH M16-2 x 55MM 10.9                 |
| 25       | 7005-056    | 2    | BEARING CONE 387A                              |
|          |             |      |                                                |
|          |             |      |                                                |
|          |             |      |                                                |

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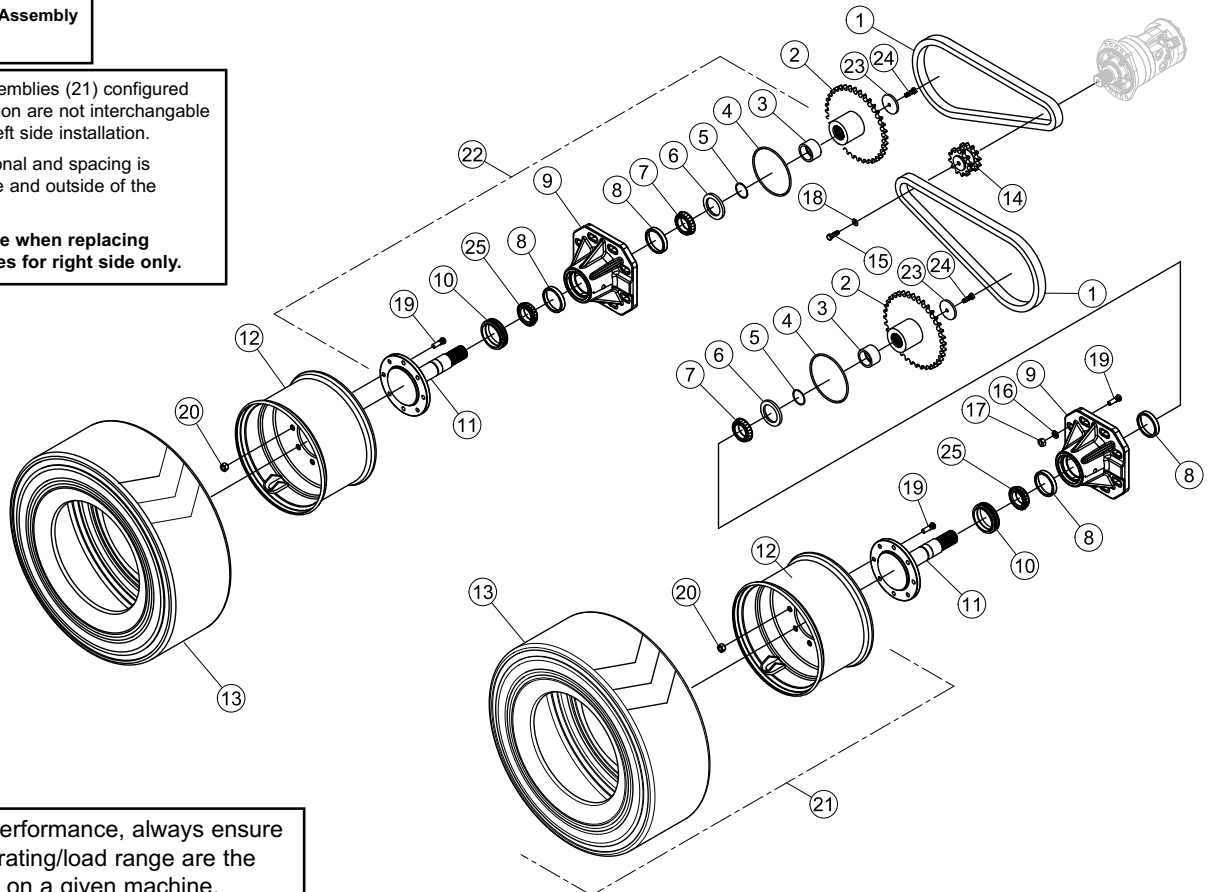
**ITEM 21**

**7000-979: Tire & Rim Assembly**  
Includes items 12&13

**Note:** Wheel/tire assemblies (21) configured for right side installation are not interchangeable with assemblies for left side installation.

Tires (13) are directional and spacing is different on the inside and outside of the wheels (2).

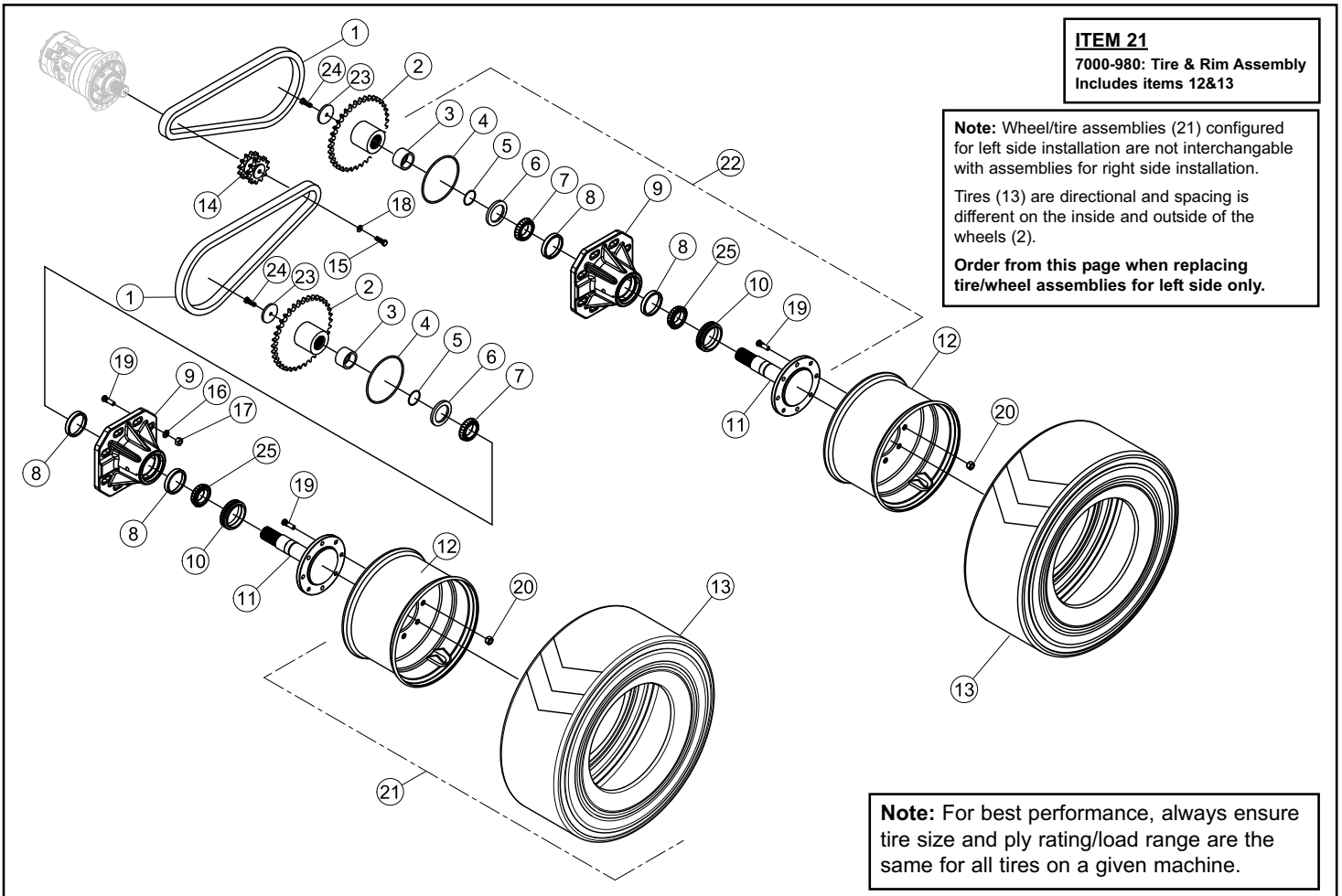
**Order from this page when replacing  
tire/wheel assemblies for right side only.**



**Note:** For best performance, always ensure tire size and ply rating/load range are the same for all tires on a given machine.

**RS-50 Serial # Valid from 00101**  
**R165S/R185S Serial # Valid from 00101**

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                                    |
|----------|-------------|------|------------------------------------------------|
| 1        | 7000-215    | 2    | CHAIN # 80                                     |
| 2        | 7000-217    | 2    | WLMT SPROCKET DRIVEN 80 CHAIN                  |
| 3        | 7000-069    | 2    | SLEEVE HUB MID                                 |
| 4        | 7005-062    | 2    | O-RING 2-366 N-70                              |
| 5        | 7005-061    | 2    | O-RING 2-139 N70                               |
| 6        | 7005-060    | 2    | SEAL LIP 70x100x10                             |
| 7        | 7005-057    | 2    | BEARING CONE 389                               |
| 8        | 7005-055    | 4    | BEARING CUP 382A                               |
| 9        | 7000-260    | 2    | HOUSING MACHINED MID                           |
| 10       | 7005-058    | 2    | SEAL FLOATING                                  |
| 11       | 7000-067    | 2    | AXLE MACHINED MID                              |
| 12       | 7000-989    | 2    | RIM 16.5x8.25                                  |
| 13       | 7000-913    | 2    | TIRE 10.00-16.5 R4 10 Ply SKS                  |
| 14       | 7000-216    | 2    | WLMT SPROCKET DRIVE # 80                       |
| 15       | 0200-337    | 1    | CAPSCREW,HH,M12x1.75x40MM,GR8.8                |
| 16       | 0090-302    | 16   | Washer, M14 DIN6916 Structural                 |
| 17       | 0090-303    | 16   | NUT,HEX,9/16-18 UNF,ZN                         |
| 18       | 8050-282    | 1    | WASHER,WROUGHT,3/8,STD,ZN                      |
| 19       | 0090-458    | 32   | STUD WHEEL                                     |
| 20       | PH0181-2BP  | 32   | NUT - 9/16-18NF, 90 DEG.TAPER, GR.5            |
| 21       | SEE LIST    | 2    | WHEEL/TIRE ASSEMBLY                            |
| 22       | 7000-065    | 2    | ASSY POD MID SIZE (INCLUDES LUG NUTS, ITEM 20) |
| 23       | 7000-059    | 2    | WASHER 1.060" x 2.5 x .25                      |
| 24       | 0090-254    | 2    | WCAPSCREW HH M16-2 x 55MM 10.9                 |
| 25       | 7005-056    | 2    | BEARING CONE 387A                              |
|          |             |      |                                                |
|          |             |      |                                                |
|          |             |      |                                                |

[illegible]

# Chapter 6

## Mainframe

### **6-1 Chassis**

RS-50 Serial # valid from - 00101 **6-1A**

R165S/R185S Serial # valid from - 00101 **6-1A**

### **6-2 Hood Assemblies**

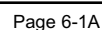
RS-50 Serial # valid from - 00101 **6-2A**

R165S/R185S Serial # valid from - 00101 **6-2A**

**\* Parts manuals are updated on a regular basis. Always refer to current online posted manuals to ensure you have the most up to date information prior to ordering parts.**

**NOTE:** Ordering parts that are painted requires a specific part number format. Please refer to page II of this manual for paint code and ordering information.

## Chapter 6

[illegible]

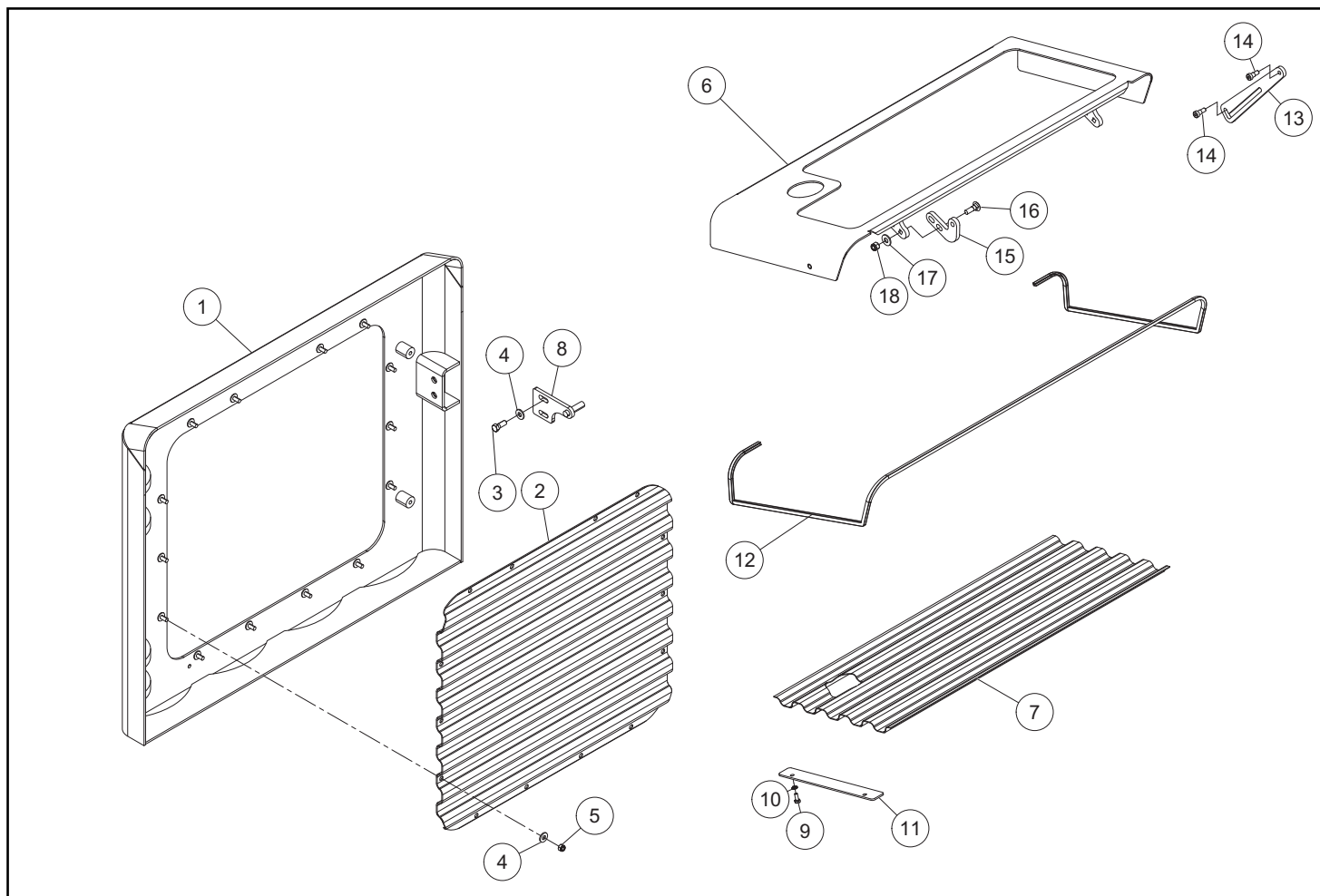
# HOOD ASSEMBLY

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 6

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                        |
|----------|-------------|------|------------------------------------|
| 1        | 7001-345    | 1    | WLMT REAR DOOR BENT                |
| 2        | 7000-116    | 1    | SCREEN DOOR REAR                   |
| 3        | 8102-222    | 2    | CAPSCREW,HH,3/8-16 UNCx1.0,GD8,ZN  |
| 4        | 8050-262    | 16   | WASHER,WROUGHT,5/16,STD,ZN         |
| 5        | 8040-426    | 14   | NUT,HEX,NYLOCK,5/16-18 UNC,ZN      |
| 6        | 7000-079    | 1    | WELDMENT, TOP HOOD                 |
| 7        | 7000-390    | 1    | SCREEN, TOP HOOD                   |
| 8        | 7000-934    | 1    | WLMT STRIKER                       |
| 9        | 8102-039    | 4    | CAPSCREW,HH,1/4-20UNCx.625,GD8     |
| 10       | 8051-212    | 4    | WASHER,SPRING LOCK,1/4,ZN          |
| 11       | 7000-389    | 2    | PLATE, SCREEN SANDWICH, TOP HOOD   |
| 12       | 0304-484    | 1    | TRIM EDGE TL-3100-B3 x 3/16-C- 88" |
| 13       | 7001-217    | 1    | ROD PROP SLOTTED                   |
| 14       | 0090-015    | 2    | BOLT SHOULDER 3/8 x3 /8 GR 8       |
| 15       | 2040-056    | 2    | PLATE HINGE                        |
| 16       | 8111-224    | 4    | BOLT,CARRIAGE,3/8-16UNCx1.25,G     |
| 17       | 8050-282    | 4    | WASHER,WROUGHT,3/8,STD,ZN          |
| 18       | 8040-486    | 4    | NUT,HEX,NYLOCK,3/8-16 UNC,ZN       |
|          |             |      |                                    |
|          |             |      |                                    |
|          |             |      |                                    |
|          |             |      |                                    |

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|-------------|------|-------------|
|          |             |      |             |
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|          |             |      |             |





# **Chapter 7**

## **Cab / Heating / Air Conditioning**

### **7-1 Cab**

RS-50 Serial # valid from - 00101 7-1A

R165S/R185S Serial # valid from - 00101 7-1A

### **7-2 Cab Interior**

RS-50 Serial # valid from - 00101 7-2A

R165S/R185S Serial # valid from - 00101 7-2A

### **7-3 Headliner / Dash**

R165S Serial # 00101-00129 7-3A

R185S Serial # 00101-00216 7-3A

RS-50 Serial # 00101-00745 7-3B

R165S Serial # 00130-00745 7-3B

R185S Serial # 00217-00745 7-3B

RS-50/R165S/R185S Serial # valid from - 00746 7-3C

### **7-4 Door / Windows**

RS-50 Serial # valid from - 00101 7-4A

R165S/R185S Serial # valid from - 00101 7-4A

### **7-5 Wiper Assembly**

RS-50 Serial # valid from - 00101 7-5A

R165S/R185S Serial # valid from - 00101 7-5A

### **7-6 Heater**

RS-50 Serial # valid from - 00101 7-6A

R165S/R185S Serial # valid from - 00101 7-6A

### **7-7 HVAC**

RS-50 Serial # valid from - 00101 7-7A

R165S/R185S Serial # valid from - 00101 7-7A

### **7-8 Air Conditioning / Heating Unit**

RS-50 Serial # valid from - 00101 7-8A

R165S/R185S Serial # valid from - 00101 7-8A

**\* Parts manuals are updated on a regular basis. Always refer to current online posted manuals to ensure you have the most up to date information prior to ordering parts.**

**NOTE:** Ordering parts that are painted requires a specific part number format. Please refer to page II of this manual for paint code and ordering information.

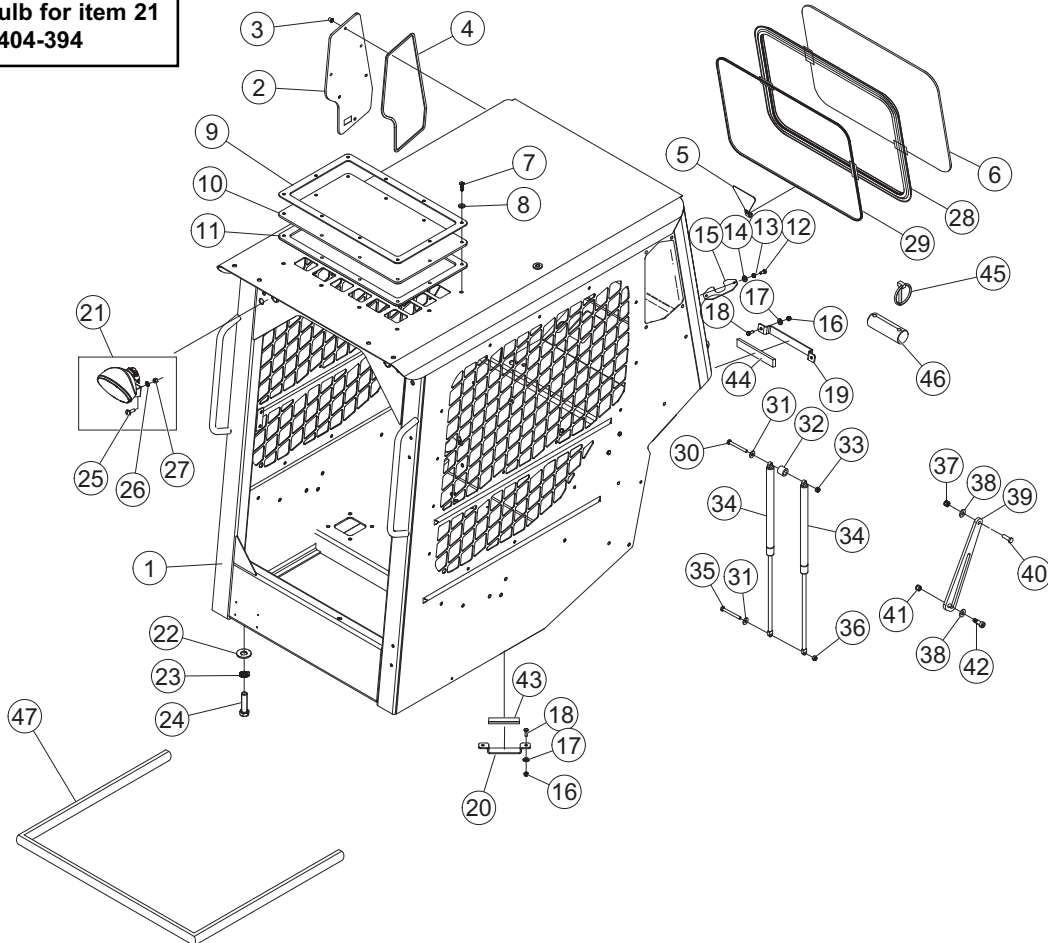
# R.O.P.S (CAB) ASSEMBLY

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 7

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                              | REF. NO. | PART NUMBER | QTY. | DESCRIPTION                    |
|----------|-------------|------|------------------------------------------|----------|-------------|------|--------------------------------|
| 1        | 7005-175    | 1    | ROPS (3P Cab)                            | 41       | 8041-457    | 1    | NUT,NYLOCK,5/16 - 18,THIN      |
| 2        | 7005-568    | 1    | GLASS SIDE PANEL                         | 42       | 0090-137    | 1    | BOLT 3/8" SHLDR x1/2"x5/16"-18 |
| 3        | 0090-300    | 7    | INSERT THREADED FLHD 1/4-20              | 43       | 1066-002    | 1    | FOAM STRIP,ADHES BACK, 4"      |
| 4        | 7005-569    | 1    | SEAL GLASS SIDE PANEL                    | 44       | 1066-002    | 1    | FOAM STRIP,ADHES BACK, 7 1/2"  |
| 5        | 0201-748    | 1    | ASSY,TAG,EMERGENCY EXIT                  | 45       | 0090-065    | 4    | PIN LYNCH 3/16 DIA x 1 9/16    |
| 6        | 2075-822    | 1    | WINDOW REAR 16.25 X 23.25                | 46       | 0090-430    | 2    | PIN, ROPS                      |
| 7        | 0090-347    | 10   | SCREW TH PH 1/4-20 X 1.25 ZN             | 47       | 0090-407    | 1    | BULB SEAL 1.00 X 1.00 X .65"   |
| 8        | 0090-325    | 10   | WASHER 1/4" 3/4" RUBBER BONDED GALVANIZE |          |             |      |                                |
| 9        | 2030-671    | 1    | FRAME WINDOW TOP                         |          |             |      |                                |
| 10       | 0200-606    | 1    | PANEL ROOF LEXAN                         |          |             |      |                                |
| 11       | 0200-607    | 1    | SEAL PANEL ROOF                          |          |             |      |                                |
| 12       | 8102-039    | 2    | CAPSCREW,HH,1/4-20UNCx.625,GD8           |          |             |      |                                |
| 13       | 8051-212    | 10   | WASHER,SPRING LOCK,1/4,ZN                |          |             |      |                                |
| 14       | 8050-222    | 21   | WASHER,WROUGHT,1/4,STD,ZN                |          |             |      |                                |
| 15       | 7006-011    | 1    | RETAINER WIRING HARNESS                  |          |             |      |                                |
| 16       | 8040-366    | 24   | NUT,HEX,NYLOCK,1/4-20 UNC,ZN             |          |             |      |                                |
| 17       | 8050-222    | 24   | WASHER,WROUGHT,1/4,STD,ZN                |          |             |      |                                |
| 18       | 0090-403    | 14   | CAPSCREW,HH,1/4-20 UNCx.75,GD8 ZN        |          |             |      |                                |
| 19       | 7000-468    | 3    | CLAMP PILOT LINE SMALL                   |          |             |      |                                |
| 20       | 7000-469    | 2    | CLAMP PILOT LINE SMALL                   |          |             |      |                                |
| 21       | 7005-820    | 2    | LIGHT WORK CE APPROVED (SEE NOTE)        |          |             |      |                                |
| 22       | 0090-368    | 2    | WASHER,WROUGHT,1/2,STD,ZN                |          |             |      |                                |
| 23       | 8051-332    | 2    | WASHER,SPRING LOCK,1/2,ZN                |          |             |      |                                |
| 24       | 8102-405    | 2    | CAPSCREW,HH,1/2-13 UNCx1.5,GD8           |          |             |      |                                |
| 25       | 8011-132    | 2    | BOLT,CARRIAGE,5/16-18 UNCx1.0            |          |             |      |                                |
| 26       | 8051-242    | 2    | WASHER,SPRING LOCK,5/16,ZN               |          |             |      |                                |
| 27       | 8042-363    | 2    | NUT,HEX 5-16-18 UNC ZN                   |          |             |      |                                |
| 28       | 0090-532    | 7ft  | SEAL .125 OFFSET WINDOW LOCKING W/ZIPPER |          |             |      |                                |
| 29       | 0090-533    | 7ft  | SEAL FILLER STRIP                        |          |             |      |                                |
| 30       | 8102-228    | 1    | CAPSCREW,HH,3/8-16UNCX2.25"GR8           |          |             |      |                                |
| 31       | 8050-262    | 2    | WASHER,WROUGHT,5/16,STD,ZN               |          |             |      |                                |
| 32       | 2076-147    | 1    | SPACER GUARD FAN                         |          |             |      |                                |
| 33       | 8041-500    | 1    | NUT,HEX,NYLOCK,3/8-16 UNC,THIN           |          |             |      |                                |
| 34       | 7001-145    | 2    | SPRING GAS 2200N                         |          |             |      |                                |
| 35       | 8102-140    | 1    | CAPSCREW,HH,5/16-18UNCx2.75 GR8          |          |             |      |                                |
| 36       | 8040-426    | 1    | NUT,HEX,NYLOCK,5/16-18 UNC,ZN            |          |             |      |                                |
| 37       | 8040-426    | 1    | NUT,HEX,NYLOCK,5/16-18 UNC,ZN            |          |             |      |                                |
| 38       | 0090-104    | 1    | WASHER .402 x .728 x .098 HARD           |          |             |      |                                |
| 39       | 2095-940    | 1    | ROD PROP SLOTTED                         |          |             |      |                                |
| 40       | 8102-040    | 1    | CAPSCREW,HH,1/4-20 UNCx.75,GD8 ZN        |          |             |      |                                |

Replacement bulb for item 21  
Part number- 0404-394



## Chapter 7

**NOTE: Service item for lap bar assembly  
Part number- 0304-471 SPRING,GAS,ASSIST**

The diagram illustrates the exploded view of a toilet seat assembly. The components are numbered as follows:

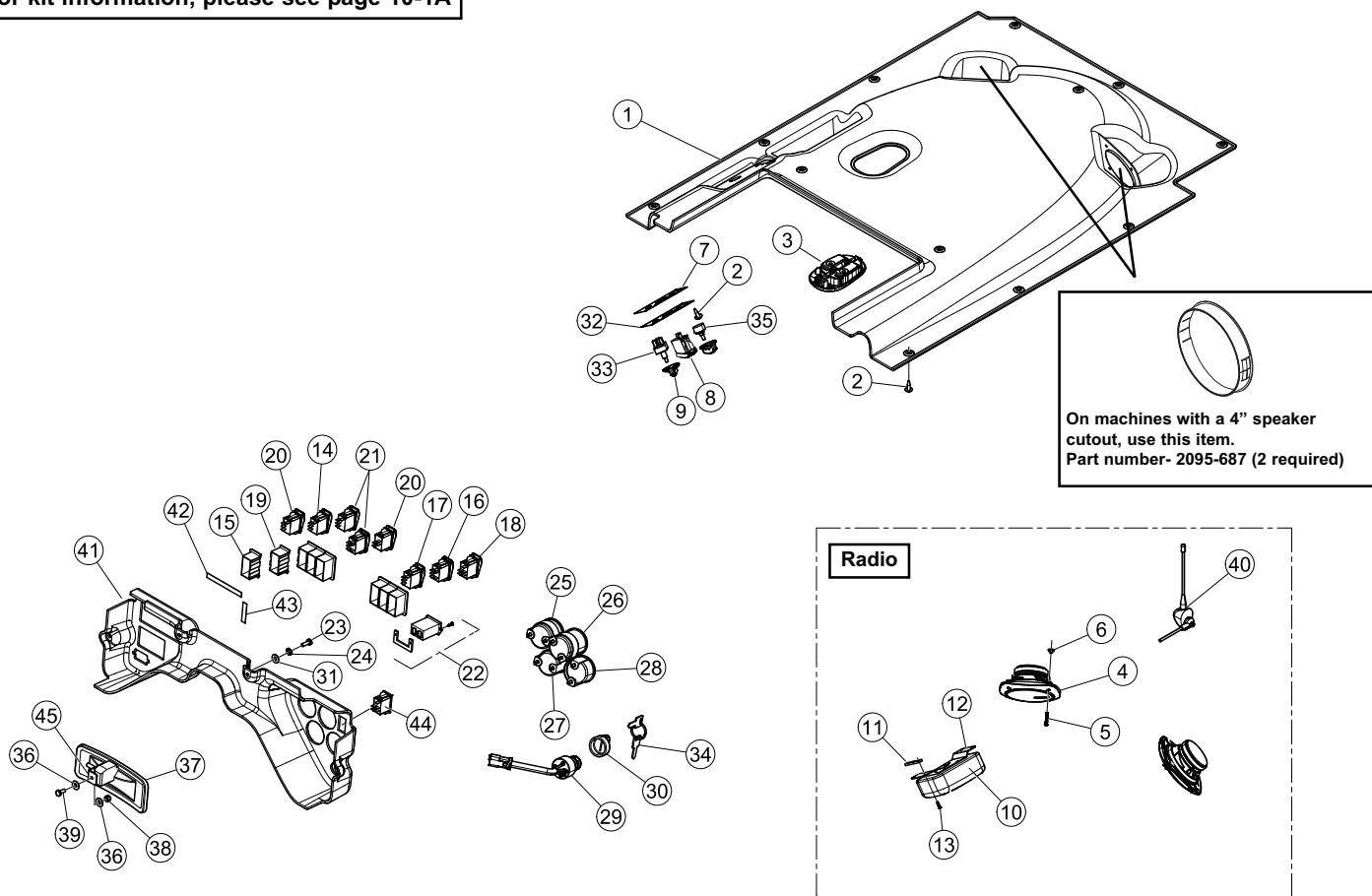
- Top Left:** Shows the lap bar assembly (10) with various mounting hardware (11, 15, 16, 17, 18, 19, 20, 21) and a cable (34, 35, 36).
- Bottom Left:** Shows the seat and bowl components (1, 2, 3, 4, 5, 6, 7, 31) along with mounting hardware (20, 37, 38, 39).
- Top Right:** Shows the seat mounted on the bowl (12) with various hardware (23, 24, 25, 26, 27, 28, 33) and a cable (33).
- Bottom Right:** Shows the seat and bowl components (2, 8, 9, 13, 14, 30, 32) along with mounting hardware (20, 37, 38, 39).

**R165S Serial # 00101-00129**  
**R185S Serial # 00101-00216**

Chapter 7

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                             | REF. NO. | PART NUMBER | QTY. | DESCRIPTION                     |
|----------|-------------|------|-----------------------------------------|----------|-------------|------|---------------------------------|
| 1        | 2076-305    | 1    | HEADLINER HEAT A/C                      | 41       | 7005-826    | 1    | PANEL GAUGE                     |
| 2        | 0090-305    | 16   | RETAINER PUSH TYPE .250 DIA             | 42       | 7000-675    | 1    | DECAL SWITCH POD STYLE DASH SSL |
| 3        | 2075-637    | 1    | LIGHT DOME                              | 43       | 7000-674    | 1    | DECAL POWER QUICK ATTACH SSL    |
| 4        | 2075-703    | 2    | SPEAKER MINI 3.5" HEAVY DUTY            | 44       | 2075-749    | 1    | *INDICATOR RABBIT/GLOW PLUG     |
| 5        | 8008-222    | 8    | SCREW MACH #6-32X1.0 PH PAN             | 45       | 7005-783    | 1    | MOUNT ANGLE MIRROR              |
| 6        | 0090-270    | 8    | T-NUT 6-32 UNC ZN                       |          |             |      |                                 |
| 7        | 2076-284    | 1    | HVAC MOUNT PLATE                        |          |             |      |                                 |
| 8        | 2076-241    | 1    | SWITCH A/C                              |          |             |      |                                 |
| 9        | 2095-873    | 2    | KNOB CONTROL                            |          |             |      |                                 |
| 10       | 2075-702    | 1    | RADIO MINI WP AM/FM/WX BAND             |          |             |      |                                 |
| 11       | 2075-821    | 2    | PLATE MOUNTING HVAC CONTROL             |          |             |      |                                 |
| 12       | 2076-047    | 1    | MOUNT RADIO                             |          |             |      |                                 |
| 13       | 8008-217    | 6    | SCREW,MACH#6-32x0.5,PH,PAN              |          |             |      |                                 |
| 14       | 2045-477    | 1    | SWITCH SELF LEVELER                     |          |             |      |                                 |
| 15       | 0310-136    | 4    | FRAME,END VME-01 INDEX # 536-11583-001  |          |             |      |                                 |
| 16       | 2045-413    | 1    | SWITCH LOCKING PARK                     |          |             |      |                                 |
| 17       | 0310-133    | 1    | SWITCH,BEACON V1D2BNOC-A9C63-100-XAS1   |          |             |      |                                 |
| 18       | 0310-126    | 1    | SWITCH,LIGHT VAD2BNOC-A9C45-100-XAS1    |          |             |      |                                 |
| 19       | 0310-137    | 3    | FRAME,MID IMM-01                        |          |             |      |                                 |
| 20       | 2045-725    | 2    | SWITCH 2 POSITION LOCKING W/ RED BUTTON |          |             |      |                                 |
| 21       | 0200-252    | 2    | SWITCH,3 POSITION,LOCKING               |          |             |      |                                 |
| 22       | 2045-502    | 1    | METER HOUR                              |          |             |      |                                 |
| 23       | 0090-370    | 4    | CAPSCREW HH 1/4-20 UNCx.75 GD5 BLK      |          |             |      |                                 |
| 24       | 0090-371    | 4    | WASHER SPRING LOCK 1/4 BLK ZN           |          |             |      |                                 |
| 25       | 4030-127    | 1    | *GAUGE FUEL WITH WARNINGS               |          |             |      |                                 |
| 26       | 4030-128    | 1    | *GAUGE TACHOMETER 2"                    |          |             |      |                                 |
| 27       | 4030-130    | 1    | *GAUGE WATER TEMP 2"                    |          |             |      |                                 |
| 28       | 4030-129    | 1    | *GAUGE WARNING INDICATION               |          |             |      |                                 |
| 29       | 0304-028    | 1    | SWITCH,IGNITION,RC 154-3197             |          |             |      |                                 |
| 30       | 2045-792    | 1    | COVER KEY IGNITION                      |          |             |      |                                 |
| 31       | 0090-372    | 4    | WASHER WROUGHT 1/4 STD BLK ZN           |          |             |      |                                 |
| 32       | 2076-285    | 1    | HVAC DECAL                              |          |             |      |                                 |
| 33       | 2045-899    | 1    | SWITCH 3 SPEED                          |          |             |      |                                 |
| 34       | 2045-432    | 2    | KEY IGNITION                            |          |             |      |                                 |
| 35       | 2075-816    | 1    | CONTROLLER TEMP                         |          |             |      |                                 |
| 36       | 8050-222    | 6    | WASHER,WROUGHT,1/4,STD,ZN               |          |             |      |                                 |
| 37       | 2030-409    | 1    | MIRROR REAR VIEW 3X8                    |          |             |      |                                 |
| 38       | 8040-366    | 1    | NUT,HEX,NYLOCK,1/4-20 UNC,ZN            |          |             |      |                                 |
| 39       | 8102-039    | 1    | CAPSCREW,HH,1/4-20UNCx.625,GD8          |          |             |      |                                 |
| 40       | 2075-704    | 1    | ANTENNA 6" MINI                         |          |             |      |                                 |

**For kit information, please see page 10-1A**



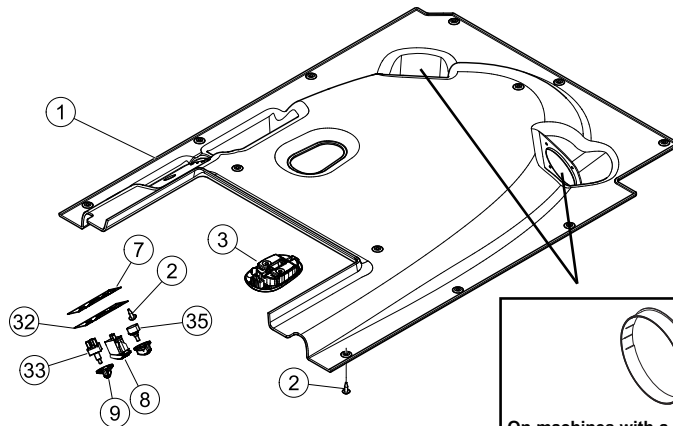
# HEADLINER / DASH PANEL

RS-50 Serial # 00101-00745  
R165S Serial # 00130-00745 / R185S Serial # 00217-00745

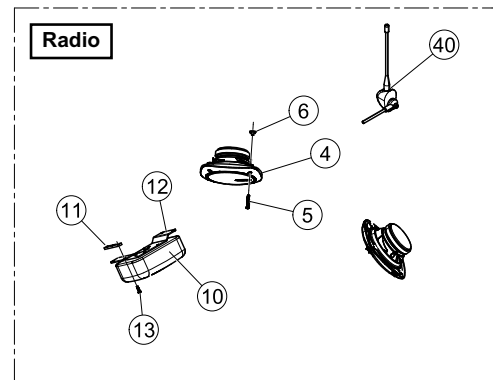
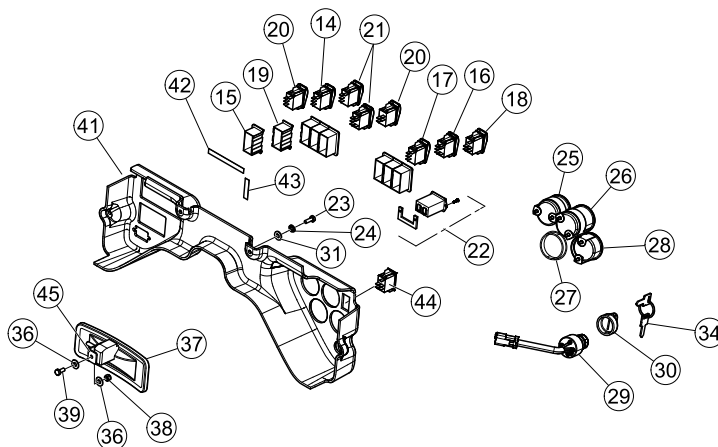
Chapter 7

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                             | REF. NO. | PART NUMBER | QTY. | DESCRIPTION                     |
|----------|-------------|------|-----------------------------------------|----------|-------------|------|---------------------------------|
| 1        | 2076-305    | 1    | HEADLINER HEAT A/C                      | 41       | 7005-826    | 1    | PANEL GAUGE                     |
| 2        | 0090-305    | 16   | RETAINER PUSH TYPE .250 DIA             | 42       | 7000-675    | 1    | DECAL SWITCH POD STYLE DASH SSL |
| 3        | 2075-637    | 1    | LIGHT DOME                              | 43       | 7000-674    | 1    | DECAL POWER QUICK ATTACH SSL    |
| 4        | 2075-703    | 2    | SPEAKER MINI 3.5" HEAVY DUTY            | 44       | 2075-749    | 1    | *INDICATOR RABBIT/GLOW PLUG     |
| 5        | 8008-222    | 8    | SCREW MACH #6-32X1.0 PH PAN             | 45       | 7005-783    | 1    | MOUNT ANGLE MIRROR              |
| 6        | 0090-270    | 8    | T-NUT 6-32 UNC ZN                       |          |             |      |                                 |
| 7        | 2076-284    | 1    | HVAC MOUNT PLATE                        |          |             |      |                                 |
| 8        | 2076-241    | 1    | SWITCH A/C                              |          |             |      |                                 |
| 9        | 2095-873    | 2    | KNOB CONTROL                            |          |             |      |                                 |
| 10       | 2075-702    | 1    | RADIO MINI WP AM/FM/WX BAND             |          |             |      |                                 |
| 11       | 2075-821    | 2    | PLATE MOUNTING HVAC CONTROL             |          |             |      |                                 |
| 12       | 2076-047    | 1    | MOUNT RADIO                             |          |             |      |                                 |
| 13       | 8008-217    | 6    | SCREW,MACH#6-32x0.5,PH,PAN              |          |             |      |                                 |
| 14       | 2045-477    | 1    | SWITCH SELF LEVELER                     |          |             |      |                                 |
| 15       | 0310-136    | 4    | FRAME,END VME-01 INDEX # 536-11583-001  |          |             |      |                                 |
| 16       | 2045-413    | 1    | SWITCH LOCKING PARK                     |          |             |      |                                 |
| 17       | 0310-133    | 1    | SWITCH,BEACON V1D2BNOC-A9C63-100-XAS1   |          |             |      |                                 |
| 18       | 0310-126    | 1    | SWITCH,LIGHT VAD2BNOC-A9C45-100-XAS1    |          |             |      |                                 |
| 19       | 0310-137    | 3    | FRAME,MID IMM-01                        |          |             |      |                                 |
| 20       | 2045-725    | 2    | SWITCH 2 POSITION LOCKING W/ RED BUTTON |          |             |      |                                 |
| 21       | 0200-252    | 2    | SWITCH,3 POSITION,LOCKING               |          |             |      |                                 |
| 22       | 2045-502    | 1    | METER HOUR                              |          |             |      |                                 |
| 23       | 0090-370    | 4    | CAPSCREW HH 1/4-20 UNCx.75 GD5 BLK      |          |             |      |                                 |
| 24       | 0090-371    | 4    | WASHER SPRING LOCK 1/4 BLK ZN           |          |             |      |                                 |
| 25       | 4030-127    | 1    | *GAUGE FUEL WITH WARNINGS               |          |             |      |                                 |
| 26       | 4030-128    | 1    | *GAUGE TACHOMETER 2"                    |          |             |      |                                 |
| 27       | 2030-303    | 1    | PLUG FINISHING 2" HEYCO 3050            |          |             |      |                                 |
| 28       | 4030-129    | 1    | *GAUGE WARNING INDICATION               |          |             |      |                                 |
| 29       | 0304-028    | 1    | SWITCH,IGNITION,RC 154-3197             |          |             |      |                                 |
| 30       | 2045-792    | 1    | COVER KEY IGNITION                      |          |             |      |                                 |
| 31       | 0090-372    | 4    | WASHER WROUGHT 1/4 STD BLK ZN           |          |             |      |                                 |
| 32       | 2076-285    | 1    | HVAC DECAL                              |          |             |      |                                 |
| 33       | 2045-899    | 1    | SWITCH 3 SPEED                          |          |             |      |                                 |
| 34       | 2045-432    | 2    | KEY IGNITION                            |          |             |      |                                 |
| 35       | 2075-816    | 1    | CONTROLLER TEMP                         |          |             |      |                                 |
| 36       | 8050-222    | 6    | WASHER,WROUGHT,1/4,STD,ZN               |          |             |      |                                 |
| 37       | 2030-409    | 1    | MIRROR REAR VIEW 3X8                    |          |             |      |                                 |
| 38       | 8040-366    | 1    | NUT,HEX,NYLOCK,1/4-20 UNC,ZN            |          |             |      |                                 |
| 39       | 8102-039    | 1    | CAPSCREW,HH,1/4-20UNCx.625,GD8          |          |             |      |                                 |
| 40       | 2075-704    | 1    | ANTENNA 6" MINI                         |          |             |      |                                 |

For kit information, please see page 10-1A



On machines with a 4" speaker cutout, use this item.  
Part number- 2095-687 (2 required)







## Chapter 7

[illegible]

This exploded view diagram illustrates the assembly of a vehicle window. The main components shown are the window frame (1), the window glass (2), and the window regulator (3). The diagram also shows the window trim (4) and the window seal (5). The window is mounted to the vehicle body using a window frame bracket (6) and a window frame pin (7). The window is secured by a window latch (8) and a window lock (9). The window is also equipped with a window handle (10) and a window crank (11). The window is mounted to the vehicle body using a window frame bracket (12) and a window frame pin (13). The window is secured by a window latch (14) and a window lock (15). The window is also equipped with a window handle (16) and a window crank (17). The window is mounted to the vehicle body using a window frame bracket (18) and a window frame pin (19). The window is secured by a window latch (20) and a window lock (21). The window is also equipped with a window handle (22) and a window crank (23). The window is mounted to the vehicle body using a window frame bracket (24) and a window frame pin (25). The window is secured by a window latch (26) and a window lock (27). The window is also equipped with a window handle (28) and a window crank (29). The window is mounted to the vehicle body using a window frame bracket (30) and a window frame pin (31). The window is secured by a window latch (32) and a window lock (33). The window is also equipped with a window handle (34) and a window crank (35). The window is mounted to the vehicle body using a window frame bracket (36) and a window frame pin (37). The window is secured by a window latch (38) and a window lock (39). The window is also equipped with a window handle (40) and a window crank (41).

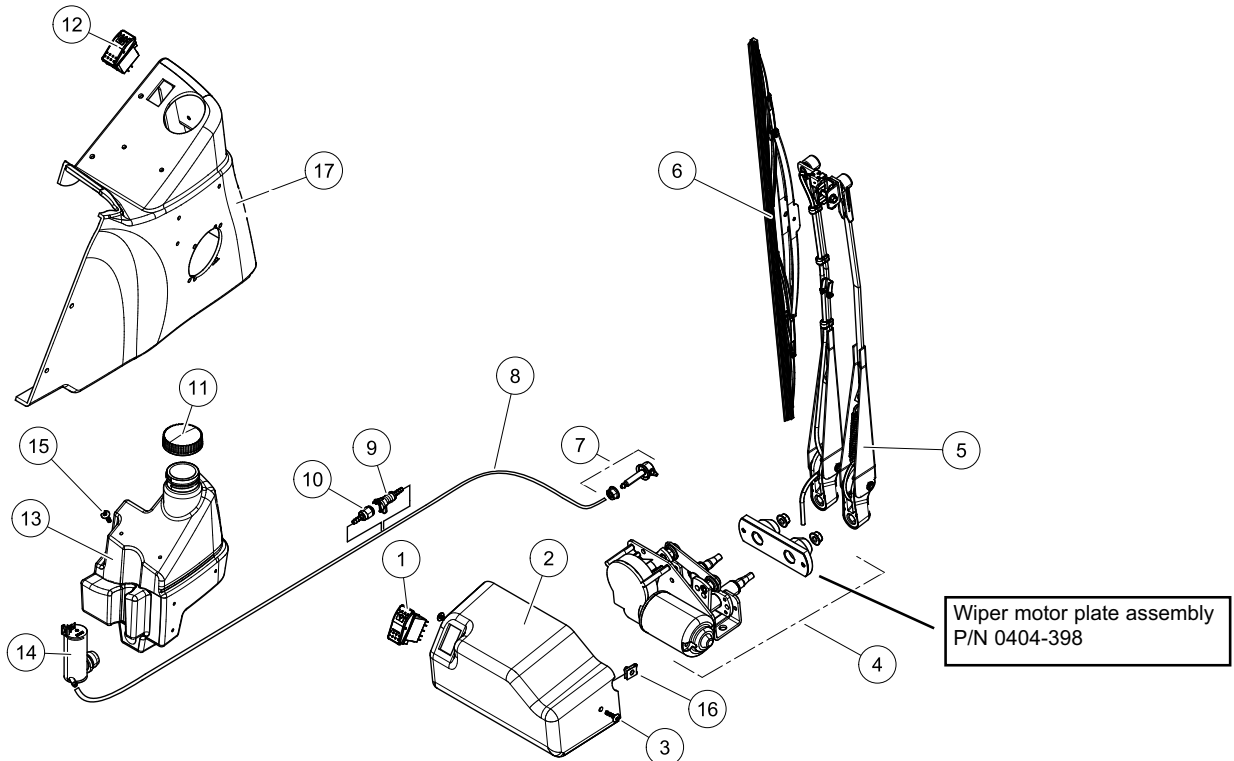
# WIPER ASSEMBLY

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 7

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                       | REF. NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|-------------|------|-----------------------------------|----------|-------------|------|-------------|
| 1        | 0403-986    | 1    | SWITCH WIPER - 2 SPEED            |          |             |      |             |
| 2        | 0403-985    | 1    | COVER, WIPER                      |          |             |      |             |
| 3        | 0090-117    | 2    | CAPSCREW TH PH 10-24 X .75 SS     |          |             |      |             |
| 4        | 0403-995    | 1    | MOTOR WIPER 45 PANTOGRAPH         |          |             |      |             |
| 5        | 0403-996    | 1    | ARM WIPER 550 MM PANTOGRAPH WET   |          |             |      |             |
| 6        | 0403-997    | 1    | BLADE WIPER 650 MM                |          |             |      |             |
| 7        | 0403-998    | 1    | CONNECTOR 90° ELBOW METAL         |          |             |      |             |
| 8        | 0090-252    | 4    | TUBING PVC 6MM OD x 4MM ID        |          |             |      |             |
| 9        | 0403-757    | 1    | COUPLER FEMALE WASHER LINE        |          |             |      |             |
| 10       | 0403-756    | 1    | COUPLER MALE WASHER LINE          |          |             |      |             |
| 11       | 0403-715    | 1    | CAP WASHER RESERVOIR              |          |             |      |             |
| 12       | 0403-682    | 1    | SWITCH WINDSHIELD WASHER          |          |             |      |             |
| 13       | 0403-712    | 1    | BOTTLE WASHER                     |          |             |      |             |
| 14       | 0403-713    | 1    | PUMP WASHER RESERVOIR             |          |             |      |             |
| 15       | 0090-128    | 6    | SCREW TH PH 10-24 x 5 SS          |          |             |      |             |
| 16       | 0090-163    | 2    | NUT U 10-24 UNC                   |          |             |      |             |
| 17       | 2075-642    | 1    | PANEL FRONT LH E/H W/ WASHER TANK |          |             |      |             |
|          |             |      |                                   |          |             |      |             |
|          |             |      |                                   |          |             |      |             |
|          |             |      |                                   |          |             |      |             |
|          |             |      |                                   |          |             |      |             |
|          |             |      |                                   |          |             |      |             |

For kit information, please see page 10-1A





RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                                 |
|----------|-------------|------|---------------------------------------------|
| 1        | 0090-331    | 3    | DUCT 2.5" BULK                              |
| 2        | 0303-175    | 2    | HOSE,CLAMP,2.75,HI-TORQUE                   |
| 3        | 7000-340    | 1    | DUCT                                        |
| 4        | 8060-209    | 4    | RIVET BLIND ALUM .125 X .50                 |
| 5        | 8050-091    | 4    | WASHER,WROUGHT,#6,SAE,ZN                    |
| 6        | 2075-794    | 1    | PLENUM INLET HVAC                           |
| 7        | 0090-253    | 8    | SCREW TH PH 10-32 x 1.0 ZN                  |
| 8        | 8102-042    | 4    | CAPSCREW, HH 1/4-20UNC 1" GD8               |
| 9        | 0090-700    | 2    | CAPSCREW STEEL BUTTON SOCKET HEX DRIVE ZINC |
| 10       | 8050-221    | 2    | WASHER,FLAT,1/4,SAE                         |
| 11       | 8050-222    | 6    | WASHER,WROUGHT,1/4,STD,ZN                   |
| 12       | 2075-812    | 1    | COVER FRESH AIR FILTER                      |
| 13       | 7000-339    | 1    | BOX FILTER                                  |
| 14       | 2075-978    | 1    | ASSEMBLY HVAC                               |
| 15       | 2045-895    | 4    | LOUVER                                      |
| 16       | 2075-793    | 1    | PLENUM OUTLET HVAC                          |
| 17       | 8040-366    | 4    | NUT,HEX,NYLOCK,1/4-20 UNC,ZN                |
| 18       | 0301-110    | 5    | CLAMP,HOSE,#8                               |
| 19       | 7000-789    | 1    | HEAT, HOSE                                  |
| 20       | 7001-447    | 1    | HEAT, HOSE                                  |
| 21       | 0304-670    | 1    | ADAPTER,5/8BARB-3/8MPT-90^                  |
| 22       | 7000-789    | 1    | HEAT, HOSE                                  |
| 23       | 2075-987    | 1    | VALVE WATER ELECTRONIC                      |
| 24       | 8102-130    | 2    | CAPSCREW,HH 5/16-18x3/4,GR8                 |
| 25       | 8040-426    | 2    | NUT,HEX,NYLOCK,5/16-18 UNC,ZN               |
| 26       | 0090-500    | 2    | ELBOW 5/8 90^                               |
| 27       | 7001-444    | 1    | HOSE HEATER 5"                              |
| 28       | 0301-591    | 1    | HOSE,CONNECTOR,VALVE,4"                     |
|          |             |      |                                             |
|          |             |      |                                             |

Page 7-6A

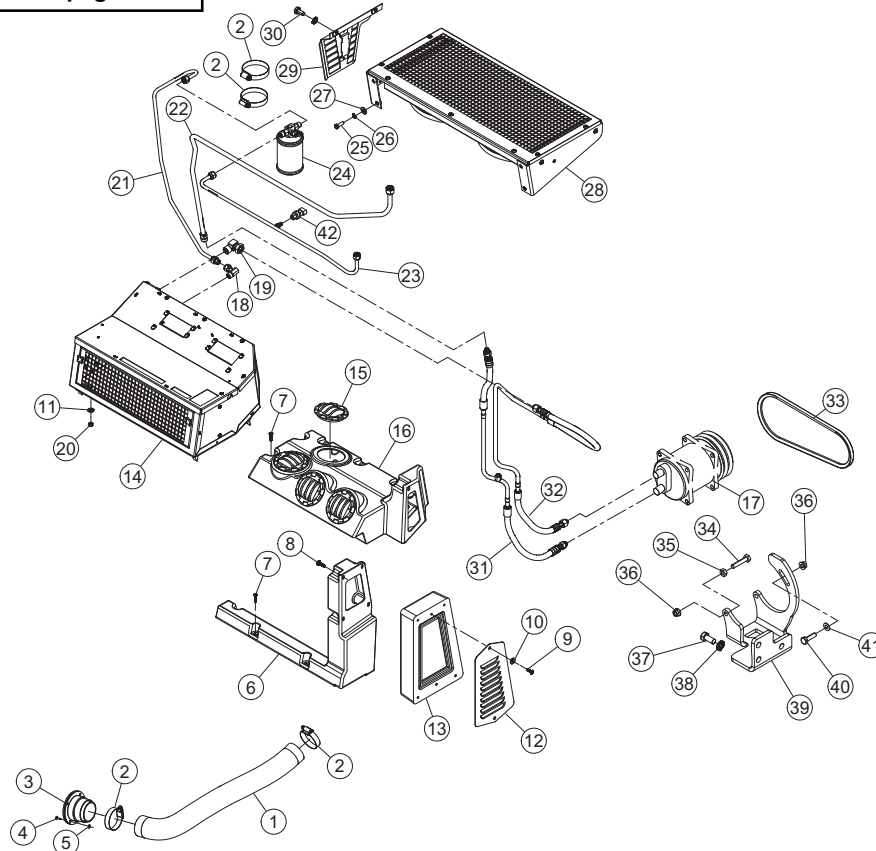
# AIR CONDITIONING / HEATING (OPTIONAL)

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 7

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                                 | REF. NO. | PART NUMBER | QTY. | DESCRIPTION               |
|----------|-------------|------|---------------------------------------------|----------|-------------|------|---------------------------|
| 1        | 0090-346    | 0.25 | DUCT 3" BULK (18 FT LENGTH)                 | 41       | 8050-277    | 2    | WASHER,WROUGHT,3/8,SAE,ZN |
| 2        | 0303-175    | 2    | HOSE,CLAMP,2.75,HI-TORQUE                   | 42       | 2045-889    | 1    | SWITCH PRESSURE LOW       |
| 3        | 7000-340    | 1    | DUCT                                        |          |             |      |                           |
| 4        | 8060-209    | 4    | RIVET BLIND ALUM .125 X .50                 |          |             |      |                           |
| 5        | 8050-091    | 4    | WASHER,WROUGHT,#6,SAE,ZN                    |          |             |      |                           |
| 6        | 2075-794    | 1    | PLENUM INLET HVAC                           |          |             |      |                           |
| 7        | 0090-253    | 8    | SCREW TH PH 10-32 x 1.0 ZN                  |          |             |      |                           |
| 8        | 8102-042    | 4    | CAPSCREW, HH 1/4-20UNC 1" GD8               |          |             |      |                           |
| 9        | 0090-700    | 2    | CAPSCREW STEEL BUTTON SOCKET HEX DRIVE ZINC |          |             |      |                           |
| 10       | 8050-221    | 2    | WASHER,FLAT,1/4,SAE                         |          |             |      |                           |
| 11       | 8050-222    | 4    | WASHER,WROUGHT,1/4,STD,ZN                   |          |             |      |                           |
| 12       | 2075-812    | 1    | COVER FRESH AIR FILTER                      |          |             |      |                           |
| 13       | 7000-339    | 1    | BOX FILTER                                  |          |             |      |                           |
| 14       | 2075-978    | 1    | ASSEMBLY HVAC                               |          |             |      |                           |
| 15       | 2045-895    | 4    | LOUVER                                      |          |             |      |                           |
| 16       | 2075-793    | 1    | PLENUM OUTLET HVAC                          |          |             |      |                           |
| 17       | 0782-038    | 1    | COMPRESSOR,AC,RC 8985                       |          |             |      |                           |
| 18       | 2075-981    | 1    | ADAPTOR NO.6 90°                            |          |             |      |                           |
| 19       | 2075-980    | 1    | ADAPTOR NO.10 90°                           |          |             |      |                           |
| 20       | 8040-366    | 4    | NUT,HEX,NYLOCK,1/4-20 UNC,ZN                |          |             |      |                           |
| 21       | 2075-985    | 1    | ASSEMBLY TUBE NO 6 OUTLET                   |          |             |      |                           |
| 22       | 2076-018    | 1    | TUBE ASSY INLET COND                        |          |             |      |                           |
| 23       | 2075-983    | 1    | ASSEMBLY TUBE OUTLET CONDENSOR              |          |             |      |                           |
| 24       | 2046-250    | 1    | RECEIVER DRIER                              |          |             |      |                           |
| 25       | 8102-128    | 4    | CAPSCREW,HH 5/16-18UNCx7/8 GR8 ZN           |          |             |      |                           |
| 26       | 8051-242    | 4    | WASHER,SPRING LOCK,5/16,ZN                  |          |             |      |                           |
| 27       | 8050-262    | 4    | WASHER,WROUGHT,5/16,STD,ZN                  |          |             |      |                           |
| 28       | 2075-979    | 1    | ASSEMBLY CONDENSOR                          |          |             |      |                           |
| 29       | 2075-982    | 1    | ASSEMBLY DRIER BRACKET                      |          |             |      |                           |
| 30       | 8102-037    | 2    | CAPSCREW,HH,1/4-20 UNCX.50,GD8              |          |             |      |                           |
| 31       | 7000-538    | 1    | HOSE AC # 8 48.5"                           |          |             |      |                           |
| 32       | 7000-539    | 1    | HOSE AC # 10 68"                            |          |             |      |                           |
| 33       | 7000-423    | 1    | BELT AC 12" X 33.75"                        |          |             |      |                           |
| 34       | 0090-314    | 1    | SCREW M10 X 50MM GRD. 10.9                  |          |             |      |                           |
| 35       | 0307-790    | 1    | NUT,HEX,JAM,M10x1.5,ZN                      |          |             |      |                           |
| 36       | 0314-512    | 3    | NUT,FLANGE,TOPLock,M10X1.50                 |          |             |      |                           |
| 37       | 0304-131    | 1    | CAPSCREW,HH, M14-1.5 X30MM,GD8              |          |             |      |                           |
| 38       | 8051-431    | 1    | WASHER,SPRING LOCK,5/8,ZN                   |          |             |      |                           |
| 39       | 7000-996    | 1    | PLATE, BRACKET, A/C, SSL-50/60              |          |             |      |                           |
| 40       | 0090-552    | 2    | CAPSCREW, M10-1.5 x 35mm                    |          |             |      |                           |

For kit information, please see page 10-1A



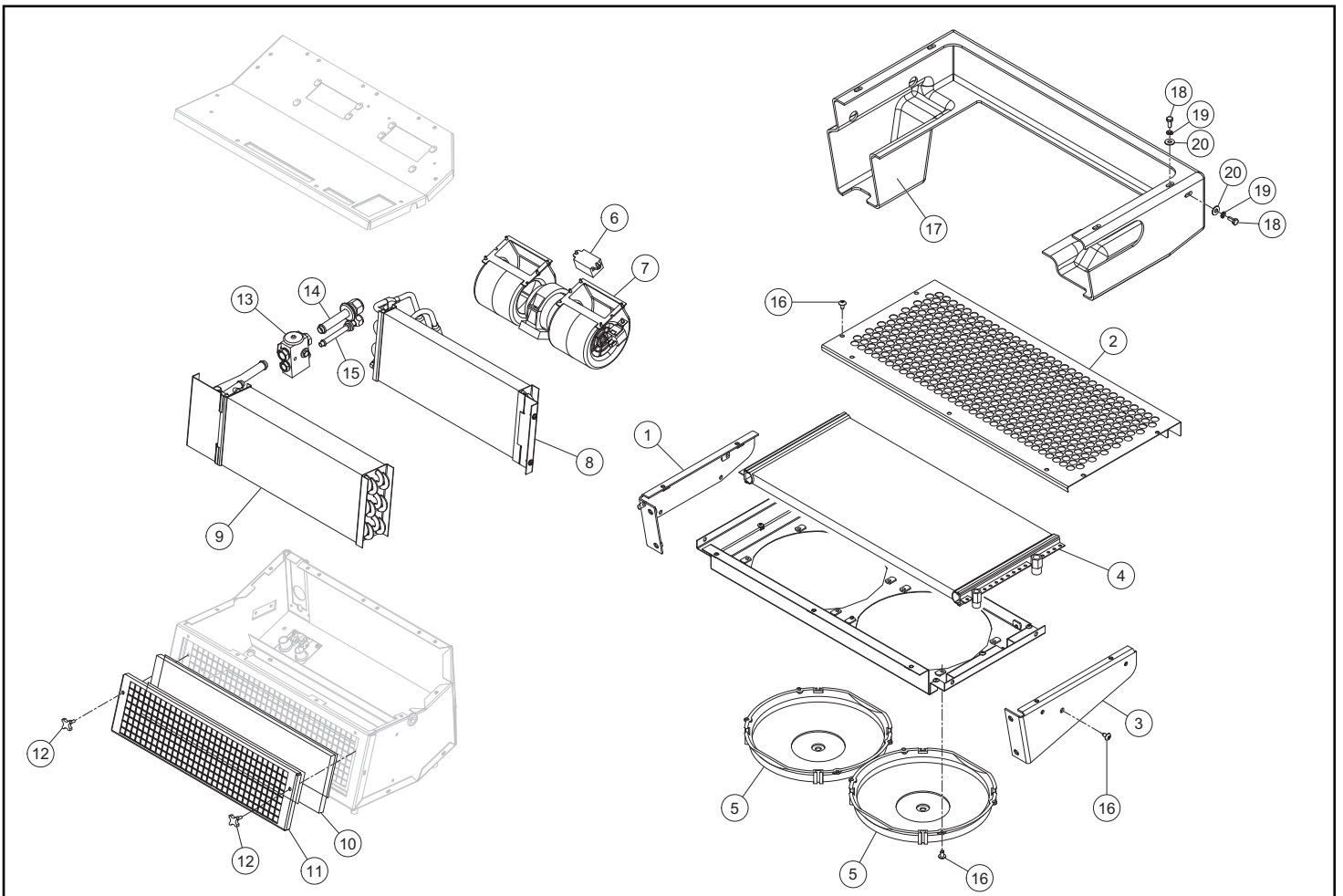
# AIR CONDITIONING / HEATING UNIT

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 7

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                            |
|----------|-------------|------|----------------------------------------|
| 1        | 2076-177    | 1    | PLATE MOUNT LT CONDENSOR               |
| 2        | 2076-176    | 1    | COVER CONDENSOR OUTLET                 |
| 3        | 2076-178    | 1    | PLATE MOUNT RT CONDENSOR               |
| 4        | 2076-175    | 1    | CONDENSOR (10.7 X 24.4)                |
| 5        | 2076-170    | 2    | FAN A/C CONDENSOR                      |
| 6        | 2076-186    | 1    | THERMOSTAT ELECTRONIC RANCO            |
| 7        | 2045-903    | 1    | BLOWER                                 |
| 8        | 2076-182    | 1    | ASSY HEATER CORE                       |
| 9        | 2076-181    | 1    | ASSY EVAPORATOR                        |
| 10       | 2076-172    | 1    | FILTER RECIRC                          |
| 11       | 2076-180    | 1    | COVER RECIRC FILTER                    |
| 12       | 2076-183    | 2    | KNOB THREADED M5 X 20                  |
| 13       | 2076-187    | 1    | VALVE EXPANSION R134a (2 ton)          |
| 14       | 2076-184    | 1    | ASSY TUBE NO 10                        |
| 15       | 2076-185    | 1    | ASSY TUBE NO 6                         |
| 16       | 0090-392    | 20   | SCREW HVAC                             |
| 17       | 2095-543    | 1    | COVER CONDENSOR                        |
| 18       | 0090-369    | 6    | CAPSCREW HH 1/4-20 UNCx.625 GD5 BLK ZN |
| 19       | 0090-371    | 6    | WASHER SPRING LOCK 1/4 BLK ZN          |
| 20       | 0090-372    | 6    | WASHER WROUGHT 1/4 STD BLK ZN          |
|          |             |      |                                        |
|          |             |      |                                        |
|          |             |      |                                        |
|          |             |      |                                        |

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|-------------|------|-------------|
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|          |             |      |             |



# Chapter 8

## Working Equipment

### **8-1 Quick Attach - Manual**

RS-50 Serial # valid from - 00101 **8-1A**

R165S/R185S Serial # valid from - 00101 **8-1A**

### **8-2 Quick Attach - Power**

RS-50 Serial # valid from - 00101 **8-2A**

R165S/R185S Serial # valid from - 00101 **8-2A**

**\* Parts manuals are updated on a regular basis. Always refer to current online posted manuals to ensure you have the most up to date information prior to ordering parts.**

**NOTE:** Ordering parts that are painted requires a specific part number format. Please refer to page II of this manual for paint code and ordering information.

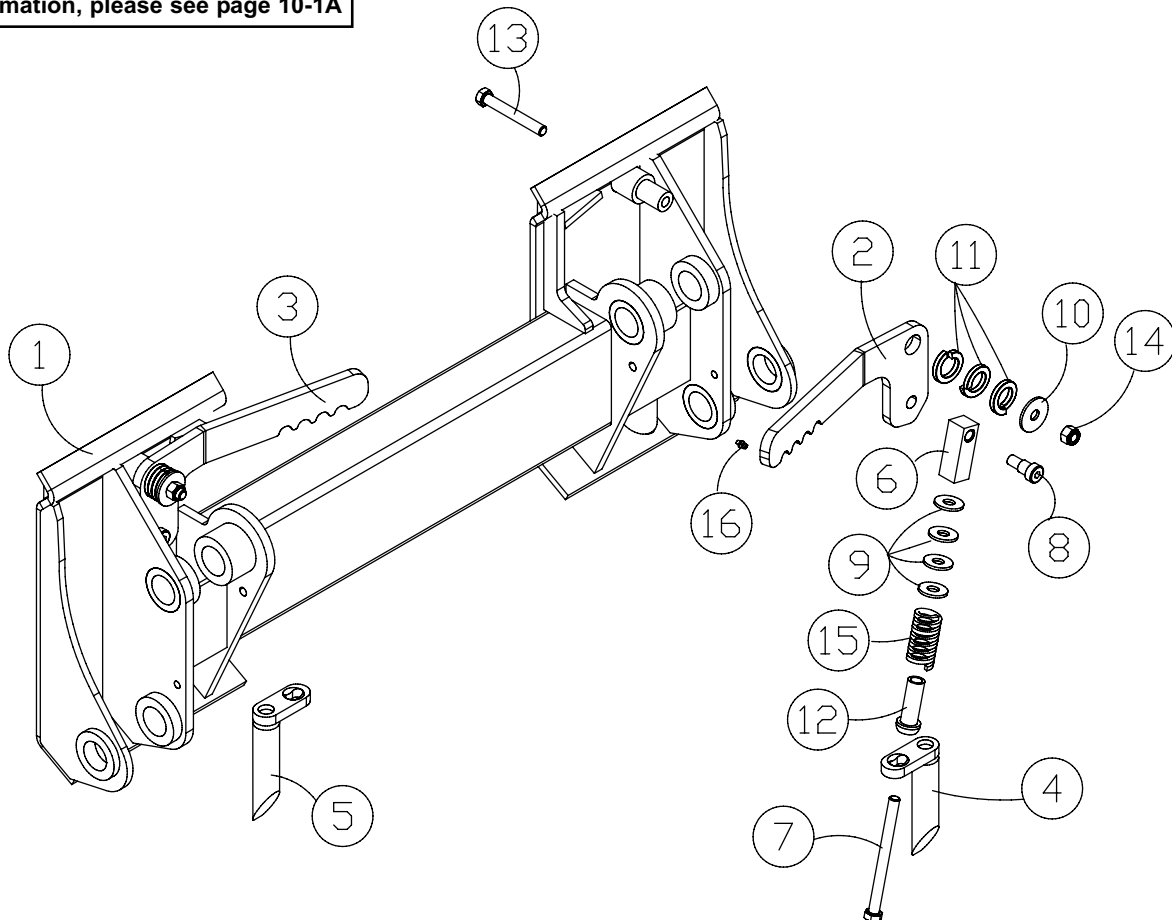
# MANUAL QUICK ATTACH ASSEMBLY

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 8

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                       | REF. NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|-------------|------|-----------------------------------|----------|-------------|------|-------------|
| 1        | 2045-359    | 1    | WLMT,QUICK-ATTACH,MANUAL          |          |             |      |             |
| 2        | 2045-761    | 1    | HANDLE,QA,RH                      |          |             |      |             |
| 3        | 2045-762    | 1    | HANDLE,QA,LH                      |          |             |      |             |
| 4        | 2046-405    | 1    | WLMT PIN RH                       |          |             |      |             |
| 5        | 2046-406    | 1    | WLMT PIN LH                       |          |             |      |             |
| 6        | 2045-245    | 2    | BLOCK LATCH                       |          |             |      |             |
| 7        | 8102-418    | 2    | CAPSCREW,HH,1/2-13UNCx 6.0,GD8    |          |             |      |             |
| 8        | 0090-002    | 2    | BOLT,SHOULDER,5/8"x.625" GD 8     |          |             |      |             |
| 9        | 0090-368    | 8    | WASHER,WROUGHT,1/2,STD,ZN         |          |             |      |             |
| 10       | 2015-018    | 2    | WASHER,FENDER,1.75x0.53x0.125     |          |             |      |             |
| 11       | 8051-620    | 6    | WASHER,SPRING LOCK,1.0,ZN         |          |             |      |             |
| 12       | 0400-621    | 2    | SPOOL,PIVOT                       |          |             |      |             |
| 13       | 8102-413    | 2    | CAPSCREW,HH,1/2-13 UNCx3.5,GD8,ZN |          |             |      |             |
| 14       | 8040-606    | 2    | NUT,HEX,NYLOCK,1/2-13 UNC,ZN      |          |             |      |             |
| 15       | 0400-651    | 2    | SPRING,COMPRESSION                |          |             |      |             |
| 16       | 0300-607    | 2    | ZERK,GREASE,1/4-28                |          |             |      |             |
|          |             |      |                                   |          |             |      |             |
|          |             |      |                                   |          |             |      |             |
|          |             |      |                                   |          |             |      |             |
|          |             |      |                                   |          |             |      |             |
|          |             |      |                                   |          |             |      |             |

For kit information, please see page 10-1A

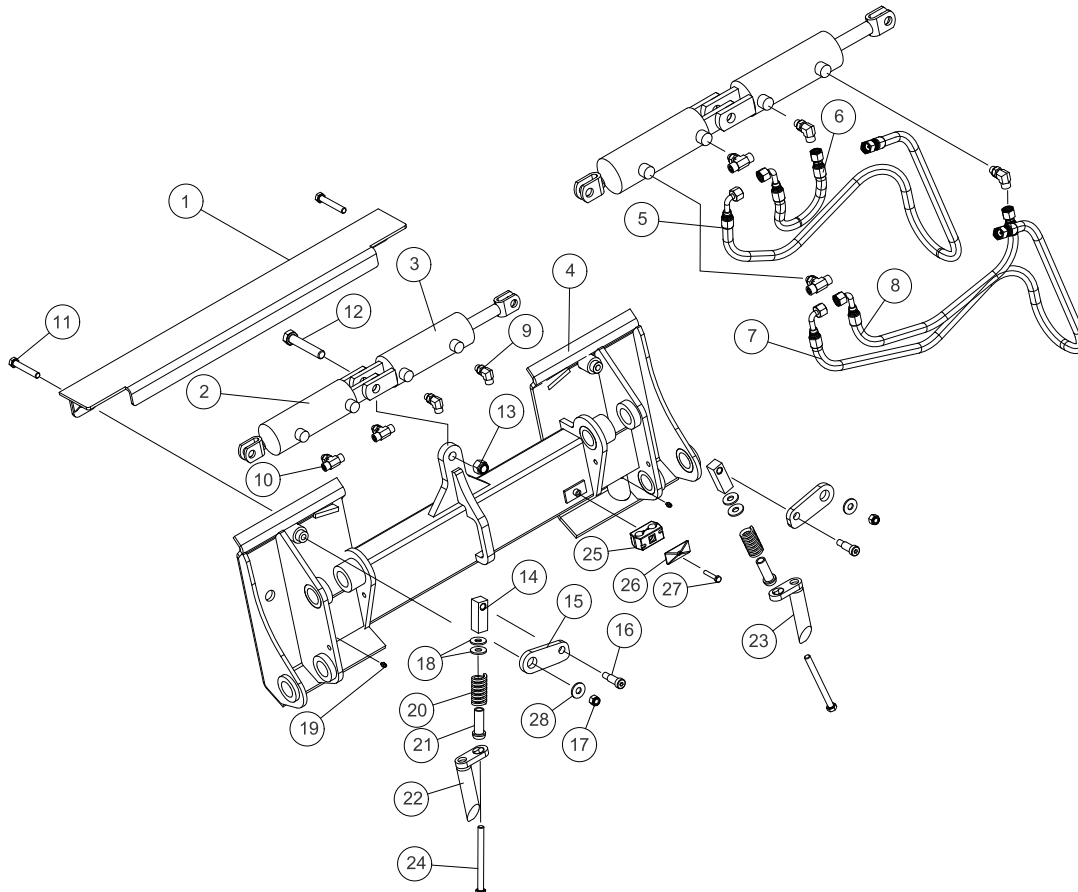


# POWER QUICK ATTACH ASSEMBLY

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 8

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                                   | REF. NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|-------------|------|-----------------------------------------------|----------|-------------|------|-------------|
| 1        | 7006-466    | 1    | WLMT, GUARD, QA                               |          |             |      |             |
| 2        | 2046-316    | 1    | *CYLINDER QA LH                               |          |             |      |             |
| 3        | 2046-317    | 1    | *CYLINDER QA RH                               |          |             |      |             |
| 4        | 2045-235    | 1    | WLMT QUICK-ATTACH HYD                         |          |             |      |             |
| 5        | 0201-566    | 1    | HOSE, 6M4K-6FFORX90S-6FFORX-49.               |          |             |      |             |
| 6        | 0201-545    | 1    | HOSE, 6M4K-6FFORX-6FFORX90S-14.               |          |             |      |             |
| 7        | 0201-565    | 1    | HOSE, 6M4K-6FFORX90S-6FFORX-53.               |          |             |      |             |
| 8        | 0201-544    | 1    | HOSE, 6M4K-6FFORX-6FFORX90S-25.               |          |             |      |             |
| 9        | 0310-328    | 2    | ADAPTER, 6MFFOR-6MB-90                        |          |             |      |             |
| 10       | 0201-542    | 2    | ADAPTER, TEE, 6FS-6FS-6NWO                    |          |             |      |             |
| 11       | 8102-412    | 2    | CAPSCREW, HH 1/2-13UNCx3.25 GD8               |          |             |      |             |
| 12       | 8102-686    | 1    | CAPSCREW, HH, 3/4-10UNCx4.25 GD8              |          |             |      |             |
| 13       | 8040-786    | 1    | NUT, HEX, NYLOCK, 3/4-10 UNC, ZN              |          |             |      |             |
| 14       | 2045-245    | 2    | BLOCK LATCH                                   |          |             |      |             |
| 15       | 2045-246    | 2    | LATCH QA                                      |          |             |      |             |
| 16       | 0090-001    | 2    | BOLT, SHOULDER, 5/8"x1.25" GD 8               |          |             |      |             |
| 17       | 8040-606    | 2    | NUT, HEX, NYLOCK, 1/2-13 UNC, ZN              |          |             |      |             |
| 18       | 0090-368    | 4    | WASHER, WROUGHT, 1/2, STD, ZN                 |          |             |      |             |
| 19       | 0300-607    | 2    | ZERK, GREASE, 1/4-28                          |          |             |      |             |
| 20       | 0400-651    | 2    | SPRING, COMPRESSION PLATED                    |          |             |      |             |
| 21       | 0400-621    | 2    | SPOOL, PIVOT                                  |          |             |      |             |
| 22       | 2046-406    | 1    | WLMT PIN LH                                   |          |             |      |             |
| 23       | 2046-405    | 1    | WLMT PIN RH                                   |          |             |      |             |
| 24       | 8102-418    | 2    | CAPSCREW, HH, 1/2-13UNCx 6.0, GD8             |          |             |      |             |
| 25       | 0310-733    | 1    | INSERT, CLAMP, TWIN.75" T3075-PP              |          |             |      |             |
| 26       | 0310-828    | 1    | COVER, CLAMP, 3/4" TCP-T3                     |          |             |      |             |
| 27       | 8102-136    | 1    | CAPSCREW, HH, 5/16-18x1.75 ZN GD              |          |             |      |             |
| 28       | 8050-348    | 2    | WASHER, 1/2, SAE, ZN 1.06 OD x .531 ID x .090 |          |             |      |             |
|          |             |      |                                               |          |             |      |             |
|          |             |      |                                               |          |             |      |             |



# Chapter 9

## Graphics / Safety Decals

### **9-1 Safety Decals (ANSI)**

RS-50 Serial # valid from - 00101 **9-1A**

R165S/R185S Serial # valid from - 00101 **9-1A**

### **9-2 Safety Decals (ISO)**

RS-50 Serial # valid from - 00101 **9-2A**

R165S/R185S Serial # valid from - 00101 **9-2A**

### **9-3 ASV Graphics**

RS-50 Serial # valid from - 00101 **9-3A**

### **9-4 TEREX Graphics**

R165S Serial # valid from - 00101 **9-4A**

### **9-5 TEREX Graphics**

R185S Serial # valid from - 00101 **9-5A**

\* Parts manuals are updated on a regular basis. Always refer to current online posted manuals to ensure you have the most up to date information prior to ordering parts.

**RS-50 Serial # Valid from 00101**  
**R165S/R185S Serial # Valid from 00101**

| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                                |
|----------|-------------|------|--------------------------------------------|
| 1        | 0310-197    | 4    | DECAL, TIE DOWN 156-5762                   |
| 2        | 2030-592    | 2    | DECAL ANSI LOADER CRUSH HAZARD             |
| 3        | 2030-602    | 2    | DECAL ANSI SKIN INJECTION HAZARD           |
| 4        | 7005-813    | 2    | DECAL ANSI RUN OVER SSL                    |
| 5        | 2030-594    | 2    | DECAL ANSI LIFT ARM BRACE                  |
| 6        | 2030-597    | 1    | DECAL ANSI FALL HAZARD (3 POINT ENTRY)     |
| 7        | 2046-299    | 1    | DECAL ANSI O&M FALL FIRE HAZARD            |
| 8        | 7005-825    | 1    | DECAL WARNING CAB MULTI -RT                |
| 9        | 4046-078    | 1    | DECAL DIESEL FUEL ONLY                     |
| 10       | 2030-595    | 1    | DECAL ANSI RADIATOR HAZARD                 |
| 11       | 2030-600    | 1    | DECAL ANSI BELT FAN HAZARD                 |
| 12       | 2030-603    | 1    | DECAL ANSI BATTERY EXPLOSION HAZARD        |
| 13       | 0304-320    | 1    | DECAL, OWNER'S MANUAL                      |
| 14       | 4046-079    | 1    | DECAL CE HYDRAULIC OIL ONLY                |
| 15       | 7001-231    | 1    | DECAL, CONTROL DRIVE (2-SPD MACHINES ONLY) |
| 16       | 2046-149    | 1    | DECAL CONTROL DRIVE (1-SPD MACHINES ONLY)  |
| 17       | 7001-232    | 1    | DECAL, CONTROL LIFT ARM SSL                |
| 18       | 2030-601    | 1    | DECAL ANSI HOT SURFACES                    |
| 19       | 7011-205    | 1    | DECAL ANSI DANGER- FUELING                 |
| 20       | 2046-049    | 1    | DECAL EMERGENCY EXIT                       |
| 21       | 0404-594    | 2    | DECAL - NOT A LIFT POINT                   |
|          |             |      |                                            |
|          |             |      |                                            |
|          |             |      |                                            |

This diagram illustrates the assembly of a Terex skid steer loader, showing two configurations of the machine. The loader is shown from a three-quarter front view, highlighting the front loader bucket, the rear-mounted PTO, and the operator's protective cage. The machine is labeled 'TEREX' on the side of the chassis. Numbered callouts (1 through 21) indicate specific components and their assembly locations. The components include:

- 1:** Various mounting brackets and pins.
- 2:** A large rear wheel.
- 3:** A smaller front wheel.
- 4:** A front axle assembly.
- 5:** A front suspension component.
- 6:** A front loader bucket.
- 7:** A rear PTO shaft.
- 8:** A rear PTO housing.
- 9:** A rear PTO mounting bracket.
- 10:** A rear PTO pin.
- 11:** A rear PTO bracket.
- 12:** A rear PTO pin.
- 13:** A rear PTO housing.
- 14:** A rear PTO mounting bracket.
- 15:** A rear PTO pin.
- 16:** A rear PTO bracket.
- 17:** A rear PTO housing.
- 18:** A rear PTO pin.
- 19:** A rear PTO mounting bracket.
- 20:** A rear PTO pin.
- 21:** A rear PTO housing.



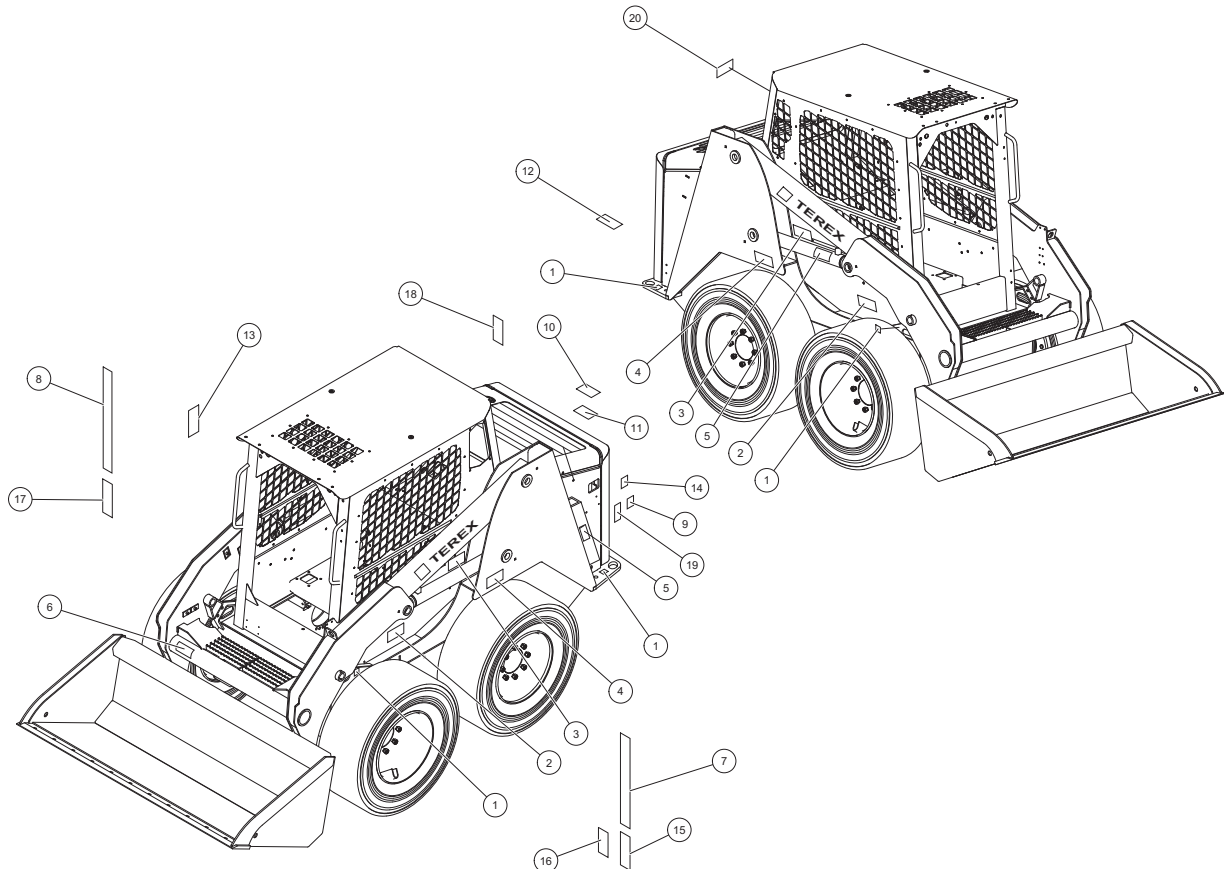
# SAFETY DECALS-ROW (ISO)

RS-50 Serial # Valid from 00101  
R165S/R185S Serial # Valid from 00101

Chapter 9

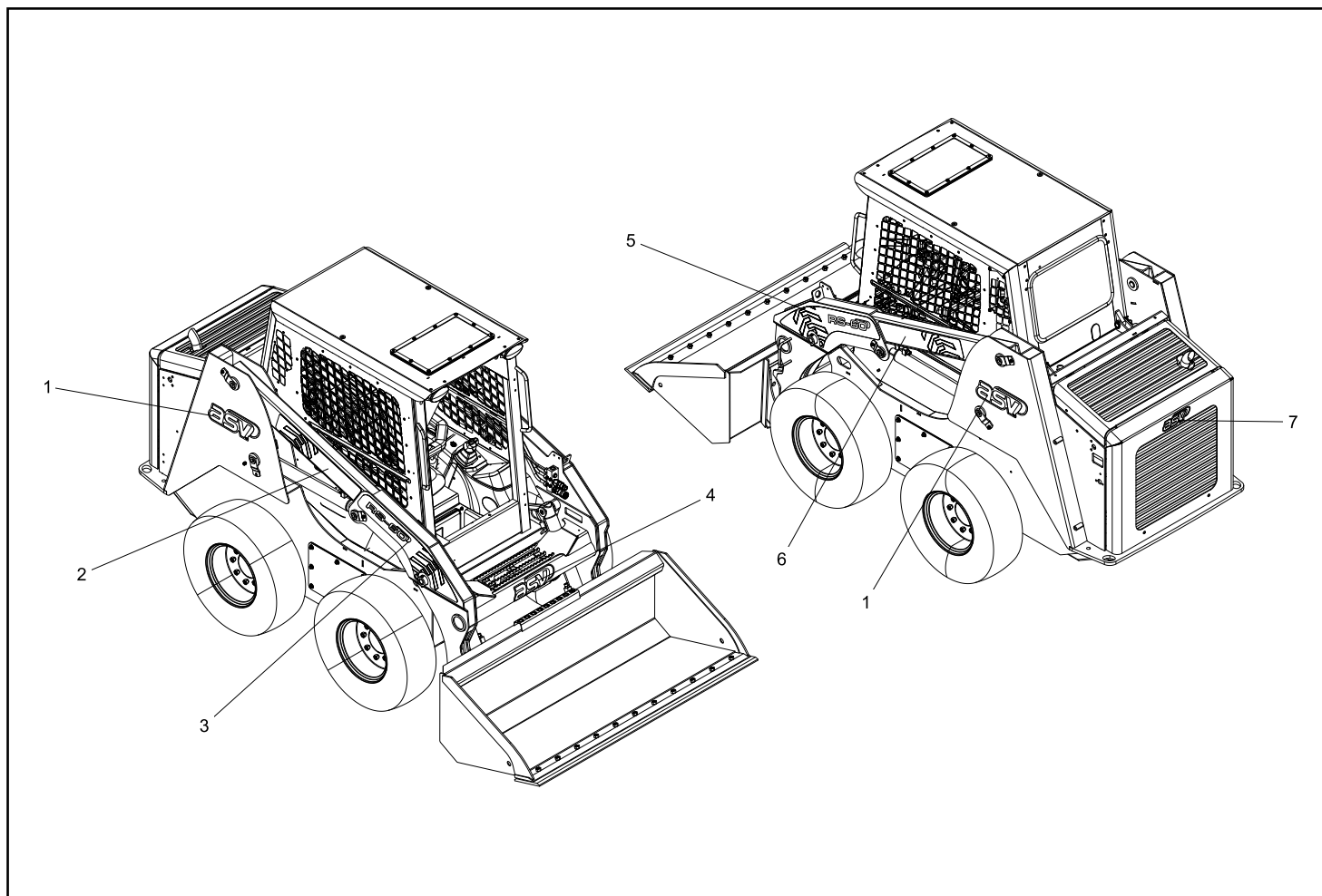
| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                                |
|----------|-------------|------|--------------------------------------------|
| 1        | 0310-197    | 4    | DECAL,TIE DOWN 156-5762                    |
| 2        | 2030-415    | 2    | DECAL ISO LOADER CRUSH HAZARD              |
| 3        | 2030-553    | 2    | DECAL ISO SKIN INJECTION HAZARD            |
| 4        | 7006-203    | 2    | DECAL ISO RUN OVER SSL                     |
| 5        | 2030-417    | 2    | DECAL ISO LIFT ARM BRACE                   |
| 6        | 2030-425    | 1    | DECAL ISO FALL HAZARD (3 POINT ENTRY)      |
| 7        | 2046-146    | 1    | DECAL ANSI O&M FALL FIRE HAZARD            |
| 8        | 7006-202    | 1    | DECAL WARNING CAB MULTI -RT                |
| 9        | 4046-078    | 1    | DECAL DIESEL FUEL ONLY                     |
| 10       | 2030-418    | 1    | DECAL ISO RADIATOR HAZARD                  |
| 11       | 2030-551    | 1    | DECAL ISO BELT FAN HAZARD                  |
| 12       | 2030-565    | 1    | DECAL ISO BATTERY EXPLOSION HAZARD         |
| 13       | 0304-320    | 1    | DECAL,OWNER'S                              |
| 14       | 4046-079    | 1    | DECAL CE HYDRAULIC OIL ONLY                |
| 15       | 7001-231    | 1    | DECAL, CONTROL DRIVE (2-SPD MACHINES ONLY) |
| 16       | 2046-149    | 1    | DECAL CONTROL DRIVE (1-SPD MACHINES ONLY)  |
| 17       | 7001-232    | 1    | DECAL, CONTROL LIFT ARM SSL                |
| 18       | 2030-552    | 1    | DECAL ISO SAFETY EXHAUST HOT               |
| 19       | 0404-543    | 1    | DECAL ISO ULSD FUEL HANDLING PRECAUTIONS   |
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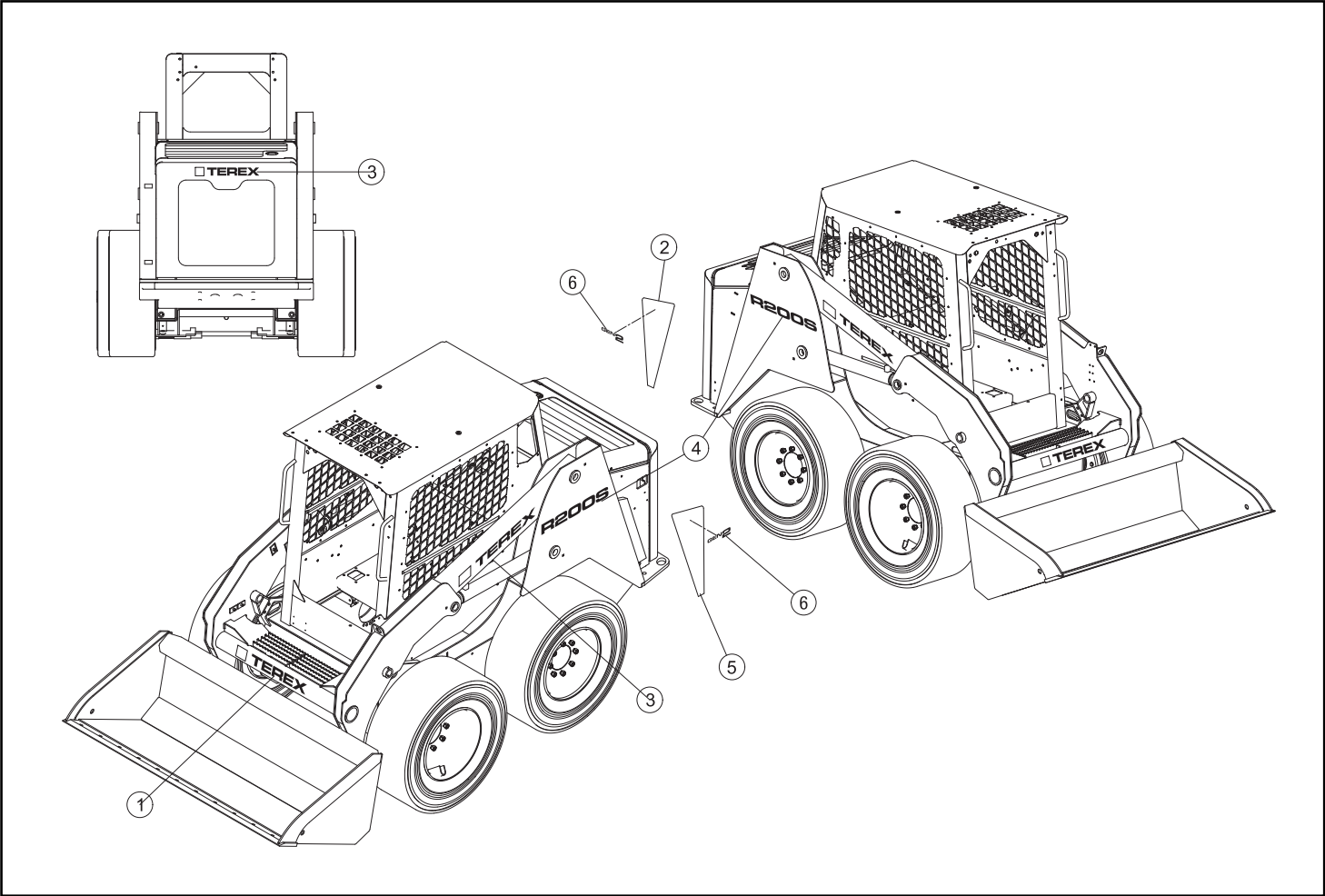
| REF. NO. | PART NUMBER | QTY. | DESCRIPTION             |
|----------|-------------|------|-------------------------|
| 1        | 2030-333    | 2    | DECAL ASV               |
| 2        | 7001-474    | 1    | DECAL, RH - RS-60 REAR  |
| 3        | 7001-483    | 1    | DECAL, RH - RS-50 FRONT |
| 4        | 2010-161    | 1    | DECAL TOWER ASV         |
| 5        | 7001-482    | 1    | DECAL, LH - RS-50 FRONT |
| 6        | 7001-473    | 1    | DECAL, LH - RS-60 REAR  |
| 7        | 2052-422    | 1    | DECAL ASV 8 1/2" LONG   |
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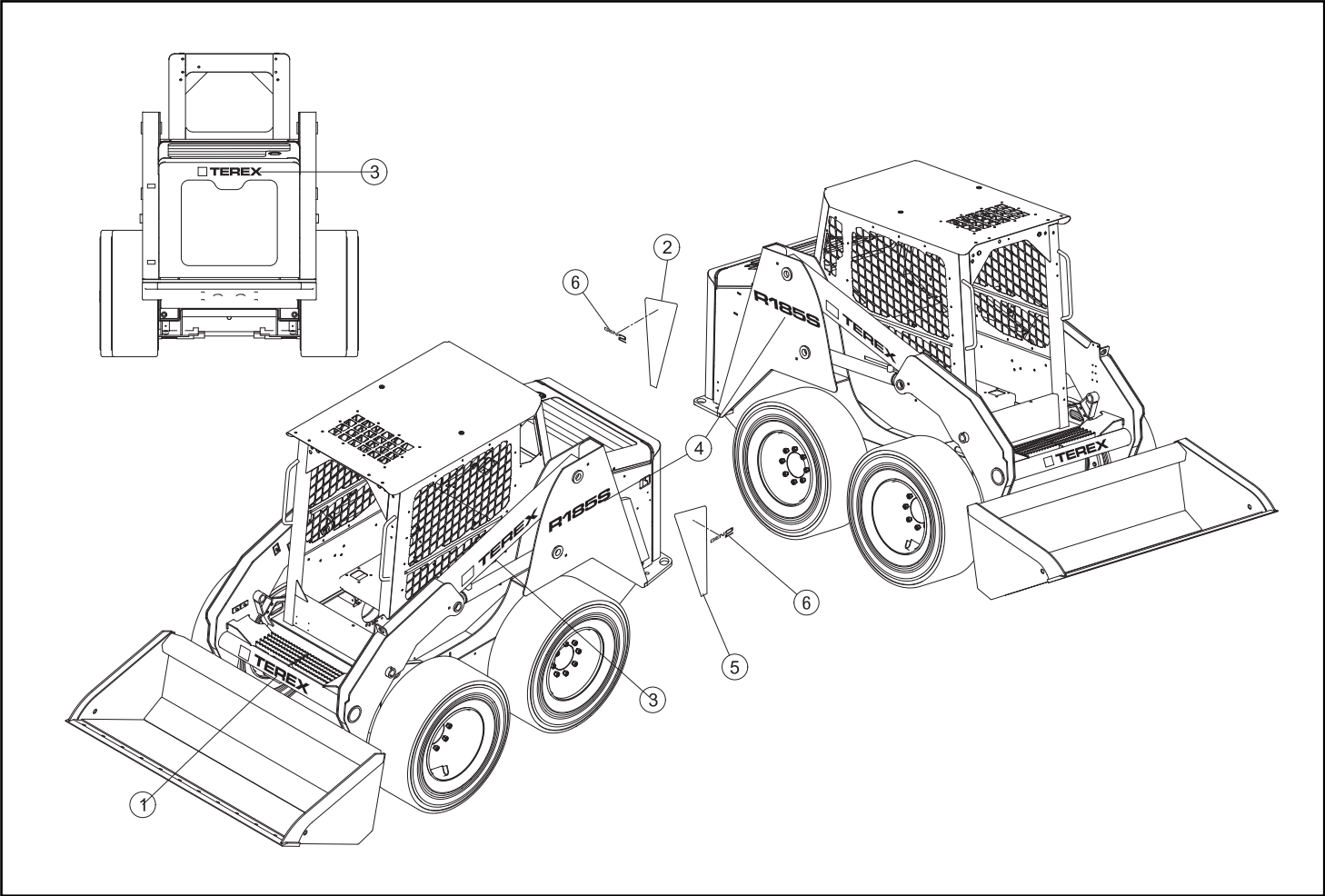
| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                  |
|----------|-------------|------|------------------------------|
| 1        | 7000-586    | 1    | DECAL TEREX 16" x 3.75"      |
| 2        | 7000-545    | 1    | DECAL CHASSIS RH REAR        |
| 3        | 2075-965    | 3    | DECAL LOADER LEFT/RIGHT REAR |
| 4        | 0090-591    | 2    | DECAL R165S                  |
| 5        | 7000-546    | 1    | DECAL CHASSIS LH REAR        |
| 6        | 0090-615    | 2    | DECAL GEN 2 BLACK            |
|          |             |      |                              |
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| REF. NO. | PART NUMBER | QTY. | DESCRIPTION                  |
|----------|-------------|------|------------------------------|
| 1        | 7000-586    | 1    | DECAL TEREX 16" x 3.75"      |
| 2        | 7000-545    | 1    | DECAL CHASSIS RH REAR        |
| 3        | 2075-965    | 3    | DECAL LOADER LEFT/RIGHT REAR |
| 4        | 0090-592    | 2    | DECAL R185S                  |
| 5        | 7000-546    | 1    | DECAL CHASSIS LH REAR        |
| 6        | 0090-615    | 2    | DECAL GEN 2 BLACK            |
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## Kits

| <u>Page</u> | <u>Kit</u>                                             | <u>Part number</u> |
|-------------|--------------------------------------------------------|--------------------|
| 2-1A        | Power disconnect switch kit                            | 7001-358           |
|             | Block heater field install kit                         | 0304-549           |
| 2-2A        | Door prop latch assembly<br>includes items items 44-51 | 7001-370           |
| 3-2A        | Complete valve seal kit                                | 7000-622           |
| 3-6A        | Complete seal kit for item 5                           | 7001-486           |
| 3-7A        | Complete seal kit for item 60                          | 7001-488           |
| 7-3A        | Radio field install Kit                                | 2076-268           |
| 7-4A        | Window latch slider kit                                | 0404-165           |
|             | STD. Door field install kit                            | 7000-712           |
|             | Window field install kit                               | 7000-714           |
| 7-5A        | Complete wiper kit                                     | 7000-770           |
| 7-6A        | Heater field install kit                               | 7000-716           |
| 7-7A        | AC/Heater field install kit                            | 7000-715           |
| 8-1A        | Manual QA assembly                                     | 0404-034           |
|             | Upgrade to hydraulic QA kit                            | 7000-877           |



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