
RAIL LIFT JACK REPLACEMENT

0102 00**THIS WORK PACKAGE COVERS:**Removal, Installation, Operational Checks

INITIAL SETUP:**Maintenance Level**

Field

Materials/Parts

Nut, Self-Locking (Item 28, WP 0168 00)

Nut, Self-Locking (4) (Item 30, WP 0168 00)

Nut, Self-Locking (Item 31, WP 0168 00)

Tools and Special Tools

Goggles, Industrial (Item 8, WP 0167 00)

Tool Kit, Genl Mech (Item 22, WP 0167 00)

Wrench, Torque 0-175 lb-ft (Item 32, WP 0167 00)

Wrench, Torque, 0-600 lb-ft (Item 34, WP 0167 00)

Equipment Conditions

Trailer uncoupled (WP 0043 24, TM 2320-392-10-1).

GENERAL

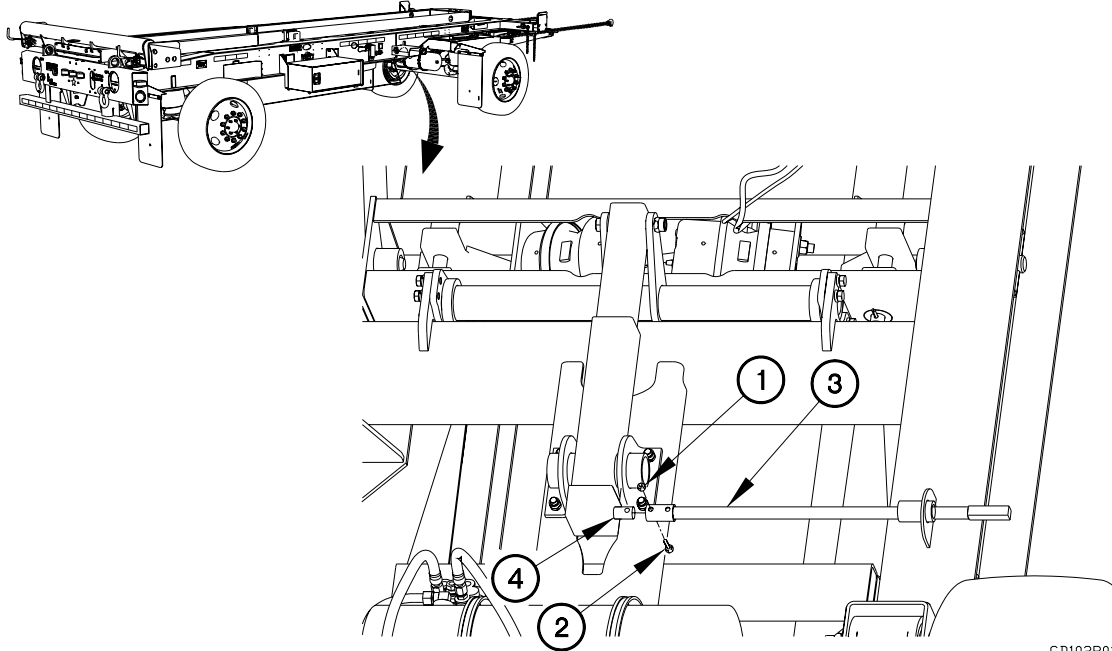
This work package contains information and instructions to replace the Load Handling System Trailer (LHST) rail lift jack.

WARNING

Wear appropriate eye protection when working under trailer due to the possibility of falling debris. Failure to comply may result in injury to personnel.

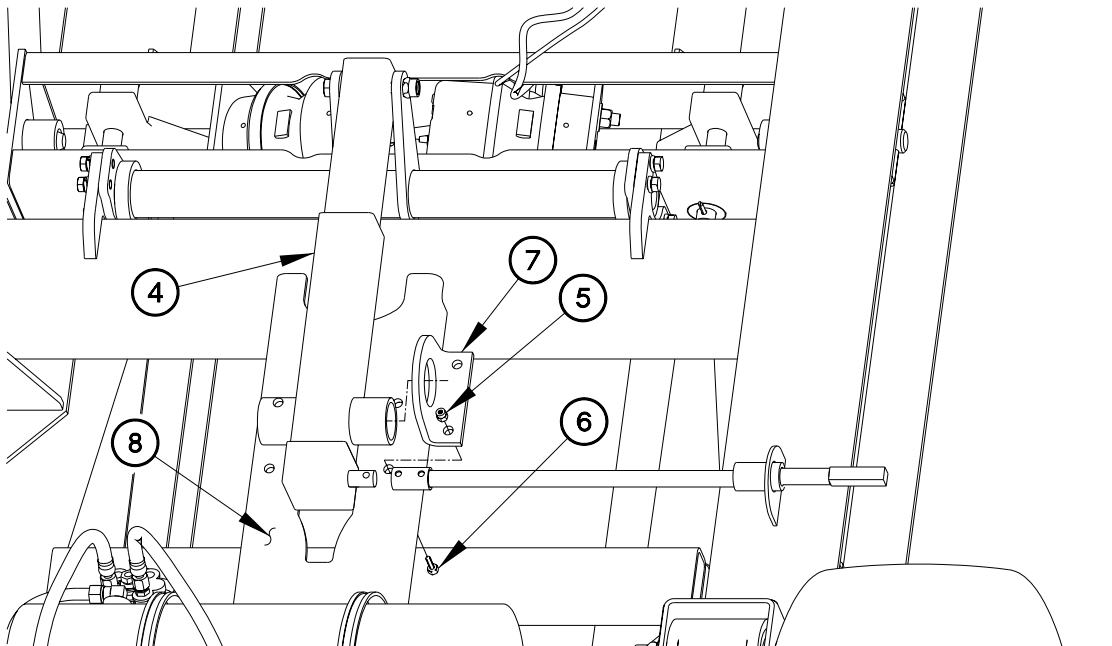
RAIL LIFT JACK REPLACEMENT - Continued**0102 00****REMOVAL**

1. Remove self-locking nut (1), bolt (2), and shaft (3) from rail lift jack (4). Discard self-locking nut.



CD102R01

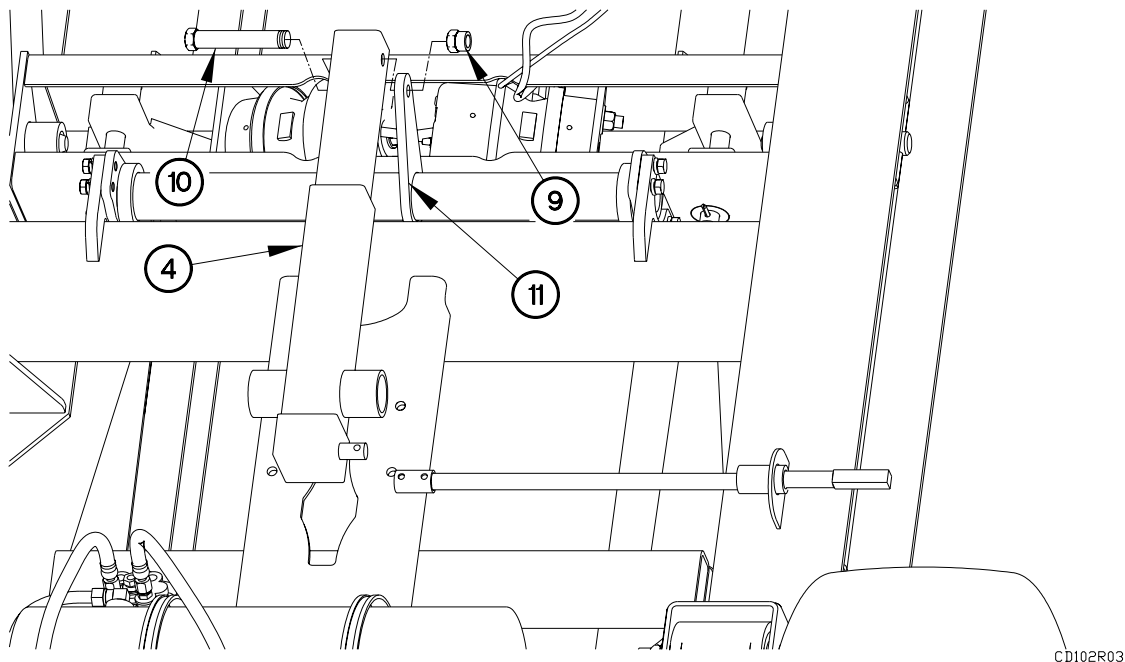
2. Remove four self-locking nuts (5), bolts (6), two brackets (7), and rail lift jack (4) from mounting plate (8). Discard self-locking nuts.



CD102R02

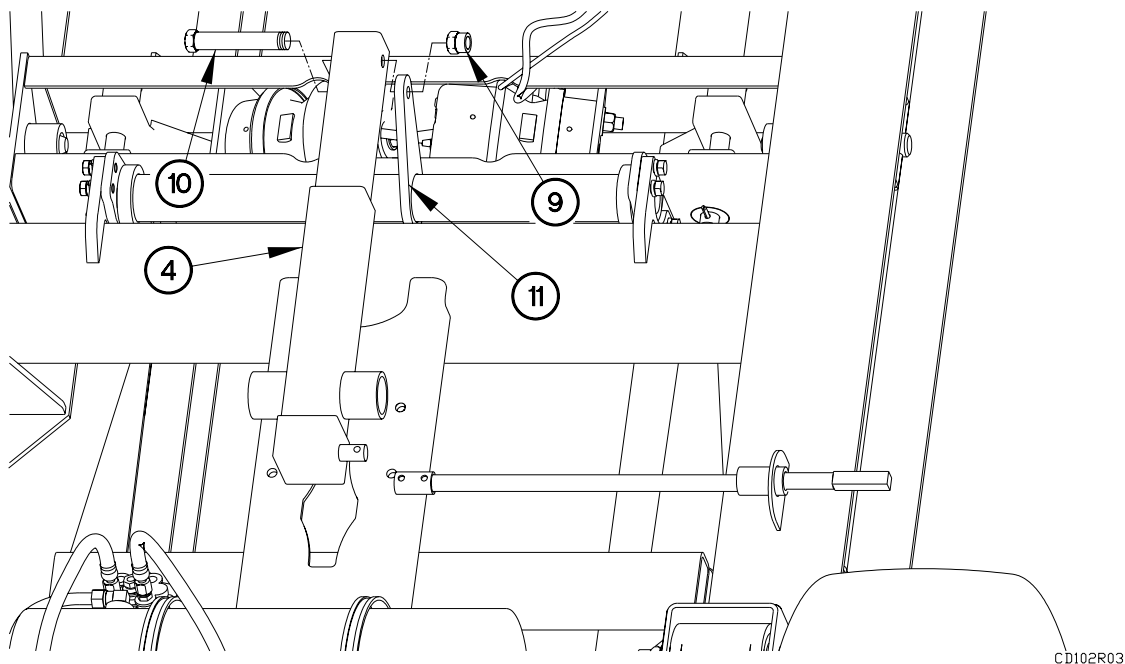
RAIL LIFT JACK REPLACEMENT - Continued**0102 00****REMOVAL - Continued**

3. Remove self-locking nut (9), bolt (10), and rail lift jack (4) from rockshaft jack brackets (11). Discard self-locking nut.



INSTALLATION

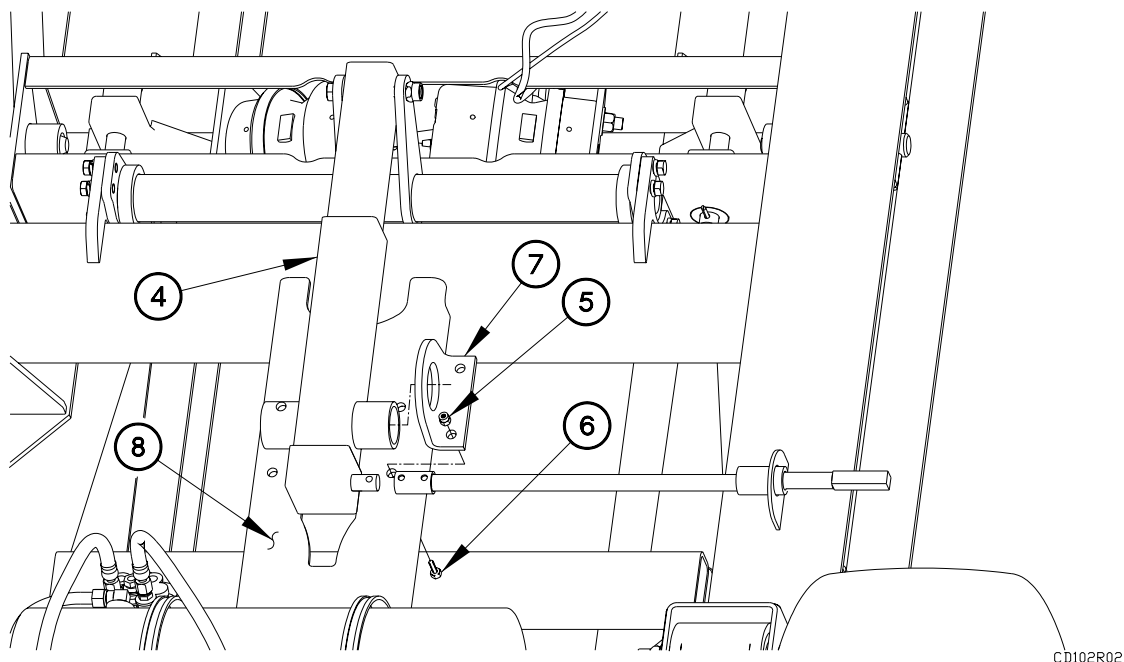
1. Position rail lift jack (4) on rockshaft jack brackets (11) with bolt (10) and self-locking nut (9).
2. Tighten self-locking nut (9) to 150-190 lb-ft (203-258 N•m).



CD102R03

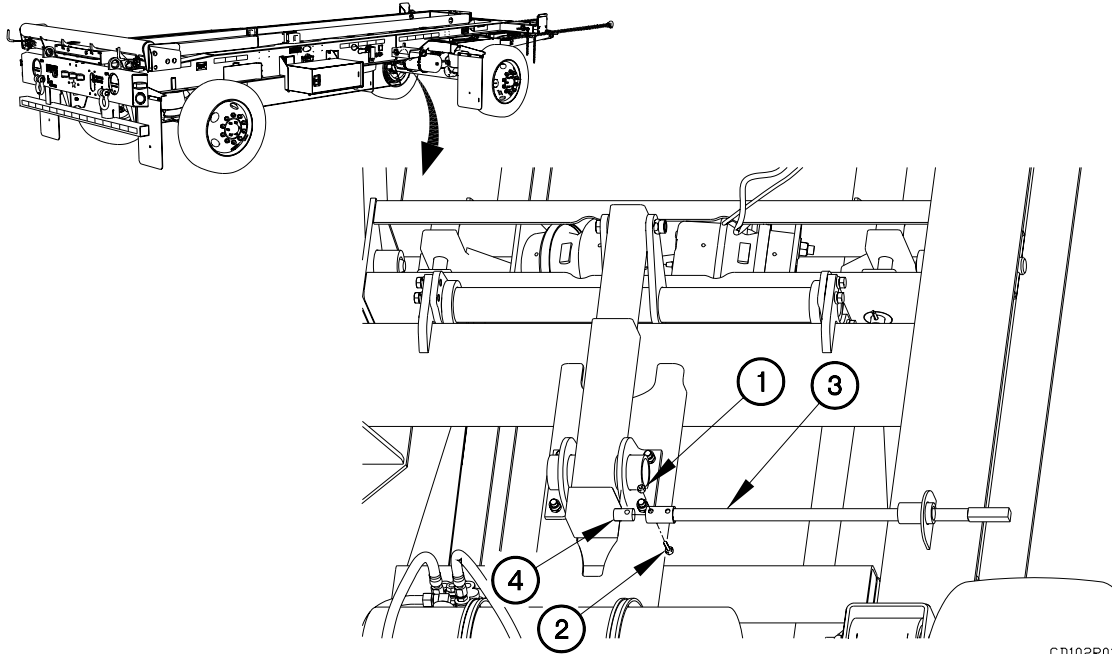
INSTALLATION - Continued

3. Position two brackets (7) and rail lift jack (4) on mounting plate (8) with four bolts (6) and self-locking nuts (5).
4. Tighten four self-locking nuts (5) to 70-90 lb-ft (95-122 N•m).



RAIL LIFT JACK REPLACEMENT - Continued**0102 00****INSTALLATION - Continued**

5. Position shaft (3) on rail lift jack (4) with bolt (2) and self-locking nut (1).
6. Tighten self-locking nut (1) to 16-20 lb-ft (22-27 N•m).



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OPERATIONAL CHECKS

1. Check for proper operation of rail lift jack (WP 0005 00).

END OF WORK PACKAGE

SPARE TIRE CARRIER WINCH ASSEMBLY REPLACEMENT

0103 00**THIS WORK PACKAGE COVERS:**Removal, Installation, Operational Checks

INITIAL SETUP:**Maintenance Level**

Field

Materials/Parts References

Nut, Self-Locking (4) (Item 30, WP 0168 00)

Tools and Special Tools

Goggles, Industrial (Item 8, WP 0167 00)
Tool Kit, Genl Mech (Item 22, WP 0167 00)
Wrench, Torque, 0-175 lb-ft (Item 32, WP 0167 00)
Wrench Set, Crowfoot, Ratcheting (Item 27, WP 0167 00)

Equipment Conditions

Trailer uncoupled (WP 0043 24, TM 2320-392-10-1).
Spare tire lowered (WP 0053 00).

GENERAL

This work package contains information and instructions to replace the Load Handling System Trailer (LHST) tire carrier winch assembly.

WARNING

Wear appropriate eye protection when working under trailer due to the possibility of falling debris. Failure to comply may result in injury to personnel.

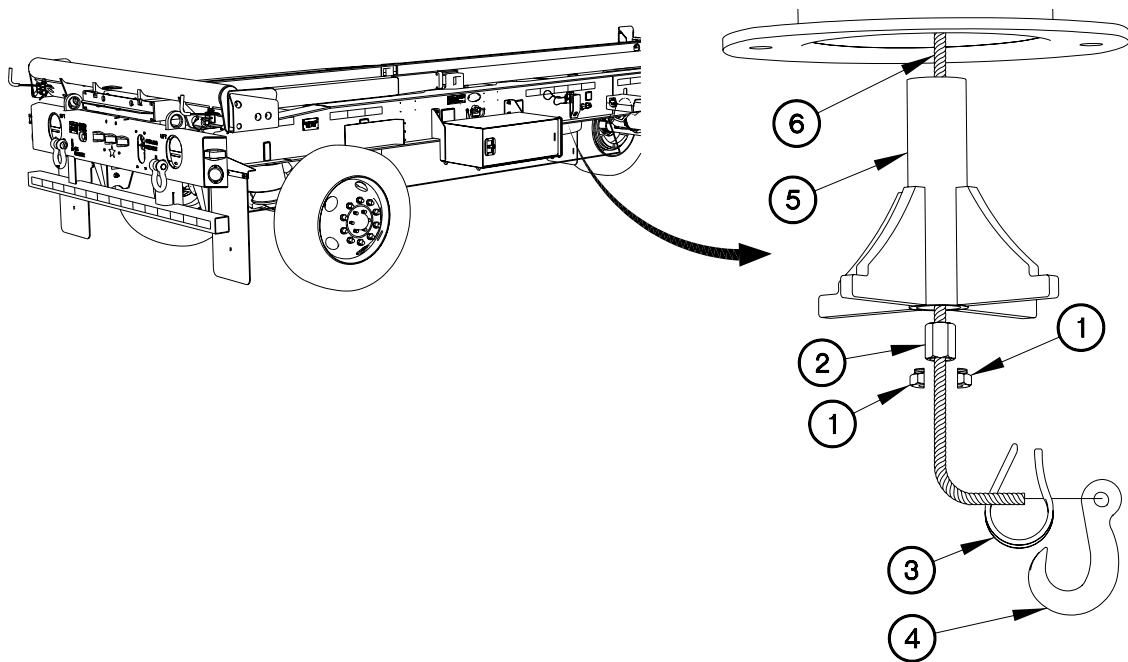
**SPARE TIRE CARRIER WINCH ASSEMBLY REPLACEMENT
- Continued****0103 00****REMOVAL**

1. Remove two clamp plug halves (1), clamp socket (2), thimble (3), hook (4), and tire lift bracket (5) from wire rope (6).

NOTE

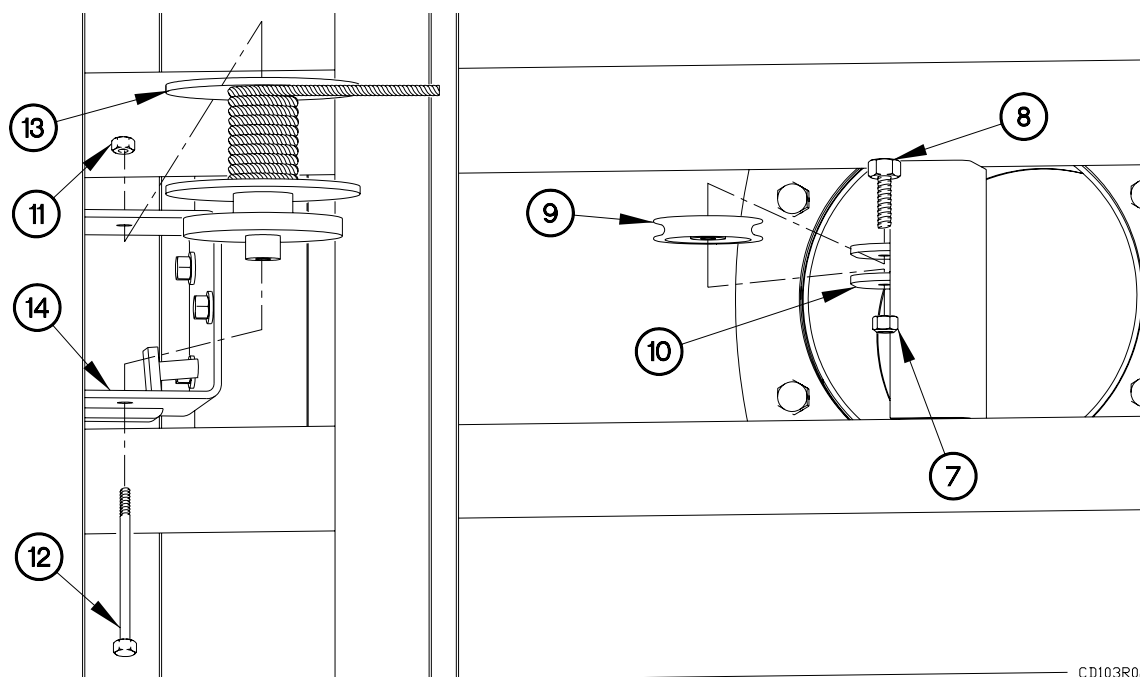
Keep wire rope tight while reeling it in.

2. Reel in wire rope past pulley to reel.
3. Secure wire rope at reel.



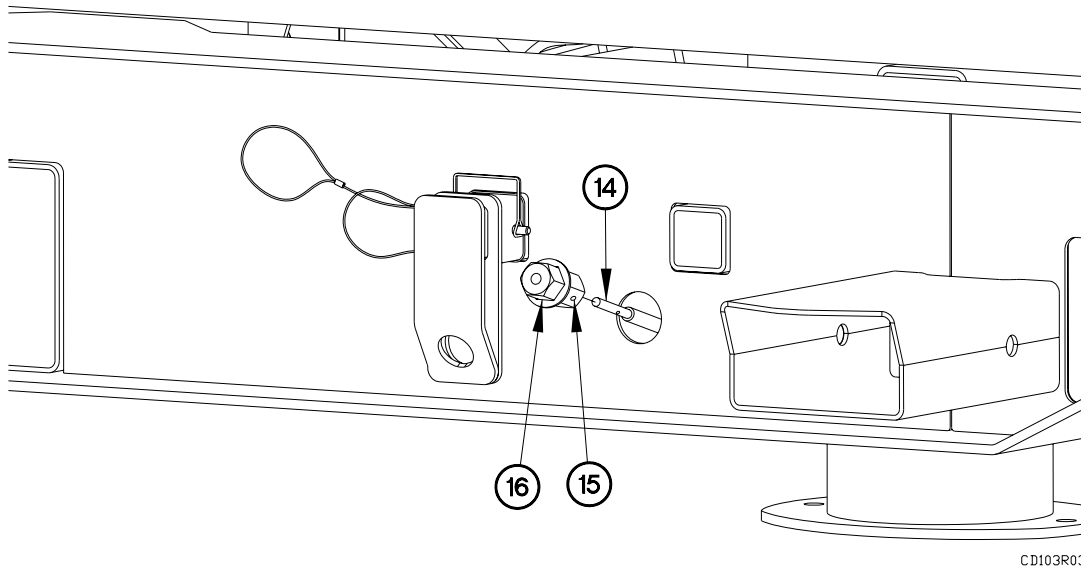
**SPARE TIRE CARRIER WINCH ASSEMBLY REPLACEMENT
- Continued****0103 00****REMOVAL - Continued**

4. Remove self-locking nut (7), bolt (8), and pulley (9) from bracket (10).
5. Remove nut (11), bolt (12), and reel (13) from tire carrier winch frame (14).

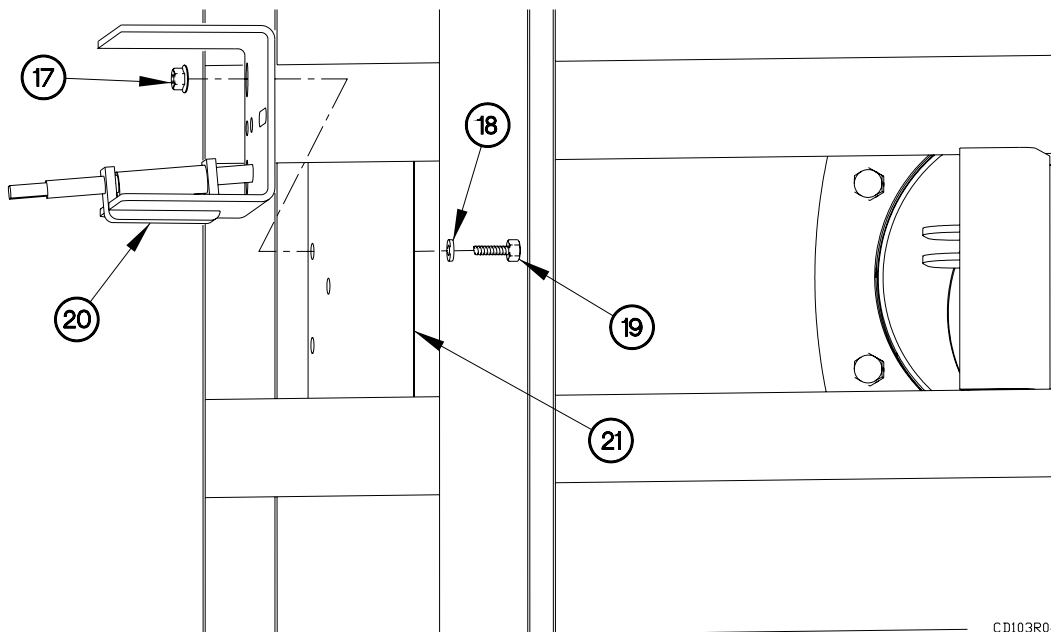


**SPARE TIRE CARRIER WINCH ASSEMBLY REPLACEMENT
- Continued****0103 00****REMOVAL – Continued**

6. Loosen set screw (15) on extension (16).
7. Remove extension (16) from tire carrier winch frame (14).

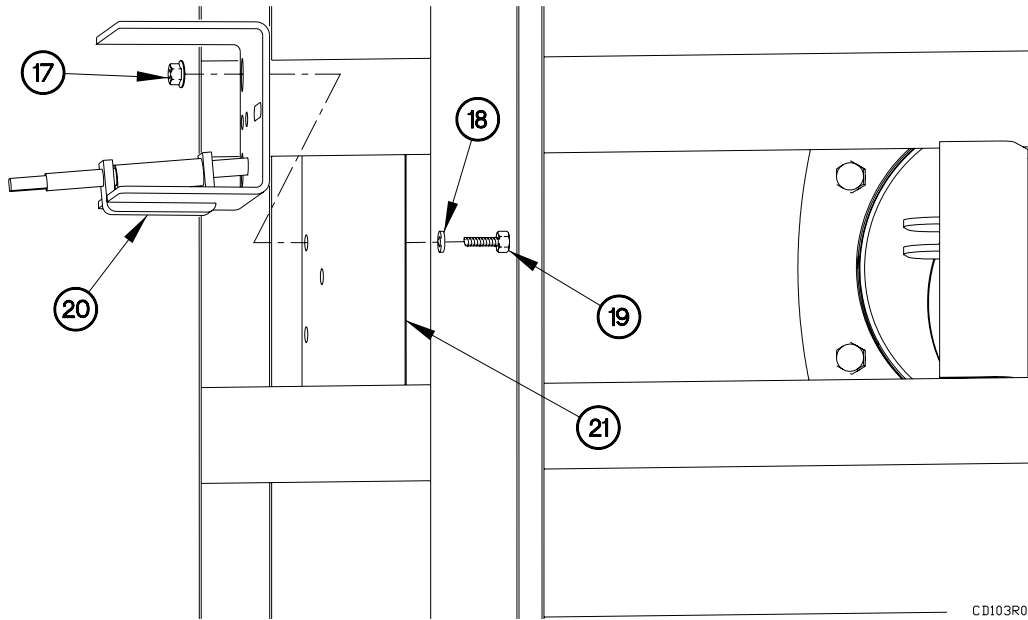


8. Remove four self-locking nuts (17), washers (18), bolts (19), and tire carrier winch frame (20) from bracket (21). Discard self-locking nuts.

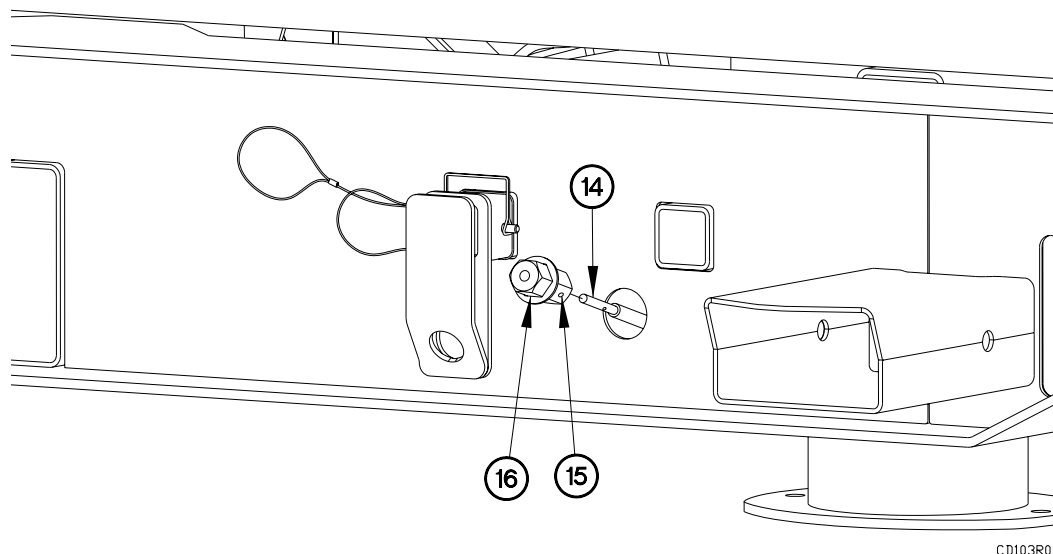


**SPARE TIRE CARRIER WINCH ASSEMBLY REPLACEMENT
- Continued****0103 00****INSTALLATION**

1. Position tire carrier winch frame (20) on bracket (21) with three bolts (19), washers (18), and self-locking nuts (17).
2. Tighten three self-locking nuts (17) to 32-38 lb-ft (43-51 N•m).

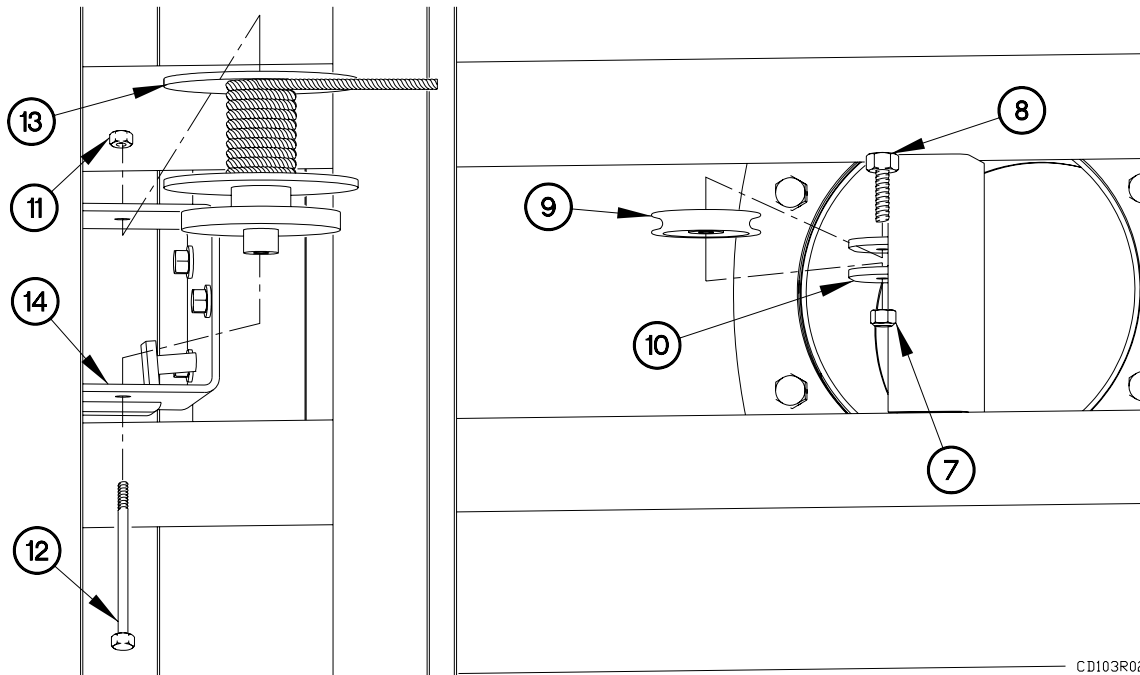


3. Install extension (16) on tire carrier winch frame (14).
4. Tighten set screw (15) on extension (16).



**SPARE TIRE CARRIER WINCH ASSEMBLY REPLACEMENT
- Continued****0103 00****INSTALLATION – Continued**

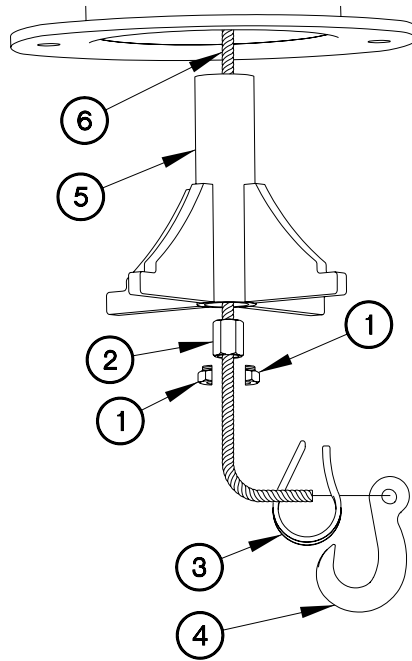
5. Install reel (13) on tire carrier winch frame (14) with bolt (12) and nut (11).
6. Position pulley (9) on bracket (10) with bolt (8) and self-locking nut (7).
7. Tighten self-locking nut (7) to 32-38 lb-ft (43-51 N•m).



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**SPARE TIRE CARRIER WINCH ASSEMBLY REPLACEMENT
- Continued****0103 00****INSTALLATION – Continued**

8. Route wire rope from reel through pulley.
9. Position tire lift bracket (5), clamp socket (2), hook (4), thimble (3), and two clamp plug halves (1), on wire rope (6).
10. Tighten two clamp plug halves (1) to 72-88 lb-ft (98-119 N•m).



CD103:01

SPARE TIRE CARRIER WINCH ASSEMBLY REPLACEMENT
- Continued

0103 00

OPERATIONAL CHECKS

1. Raise spare tire (WP 0053 00).

END OF WORK PACKAGE

BUMP STOP AND EXTENSION REPLACEMENT

0104 00**THIS WORK PACKAGE COVERS:**Removal, Installation

INITIAL SETUP:**Maintenance Level**

Field

Materials/Parts

Washer, Lock (2) (Item 22, WP 0168 00)

Pin, Cotter (4) (Item 45, WP 0168 00)

Tools and Special Tools

Tool Kit, Genl Mech (Item 22, WP 0167 00)

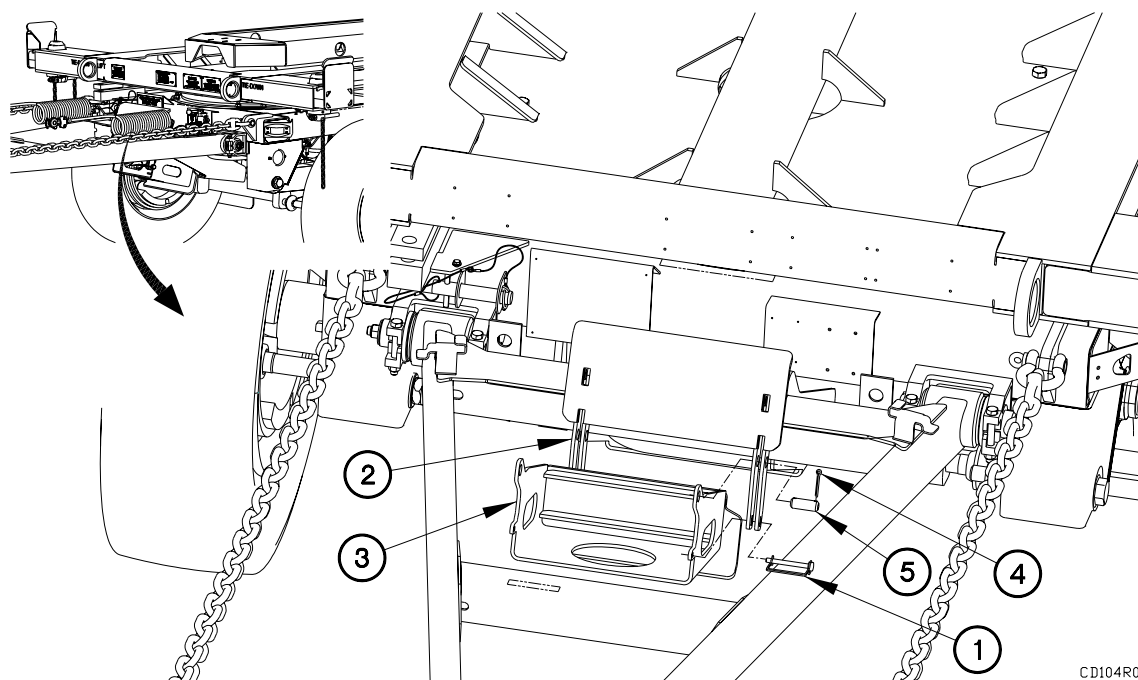
Wrench, Torque 0-75 lb-in. (Item 35, WP
0167 00)**Equipment Conditions**Trailer uncoupled (WP 0043 24, TM 2320-
392-10-1).

GENERAL

This work package contains information and instructions to replace the Load Handling System Trailer (LHST) bump stop and extension.

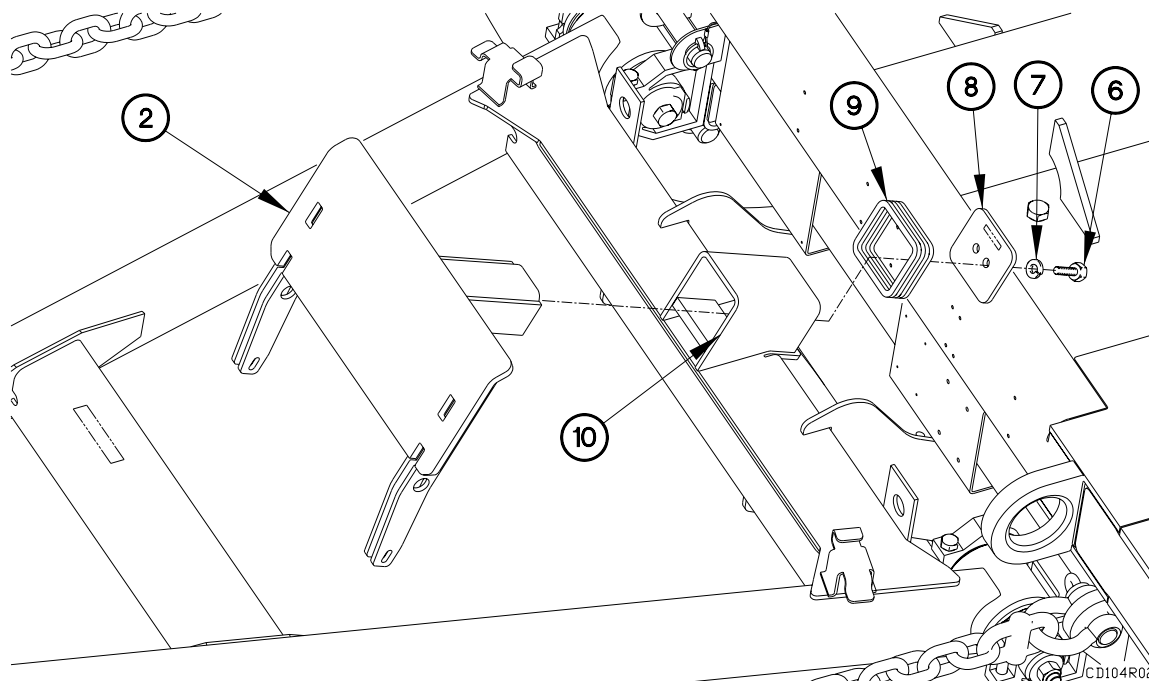
BUMP STOP AND EXTENSION REPLACEMENT - Continued**0104 00****REMOVAL**

1. Remove two lock pins (1) from bump stop (2) and bump stop extension (3).
2. Remove four cotter pins (4) from bump stop (2) and bump stop extension (3).
3. Remove bump stop pins (5) from bump stop extension (3)
4. Remove bump stop extension (3) from bump stop (2).



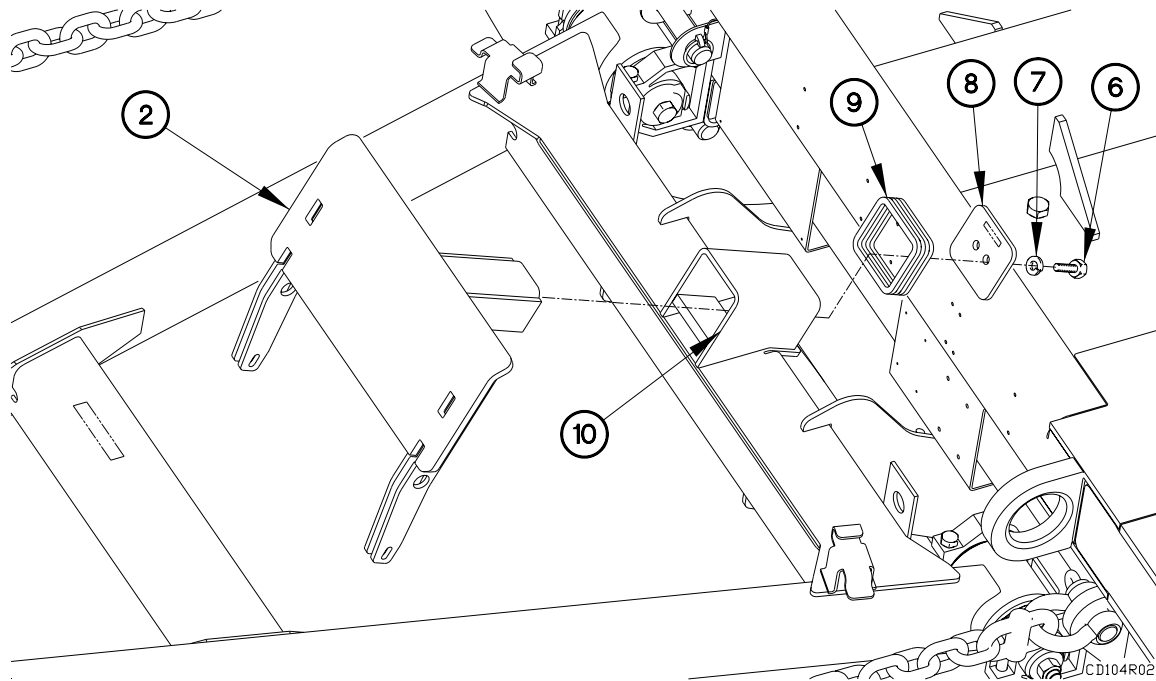
BUMP STOP AND EXTENSION REPLACEMENT - Continued**0104 00****REMOVAL - Continued**

5. Remove two screws (6), lockwashers (7), bump stop cap (8), and four shims (9) from bump stop (2). Discard lockwashers.
6. Remove bump stop (2) from bump stop tube (10).



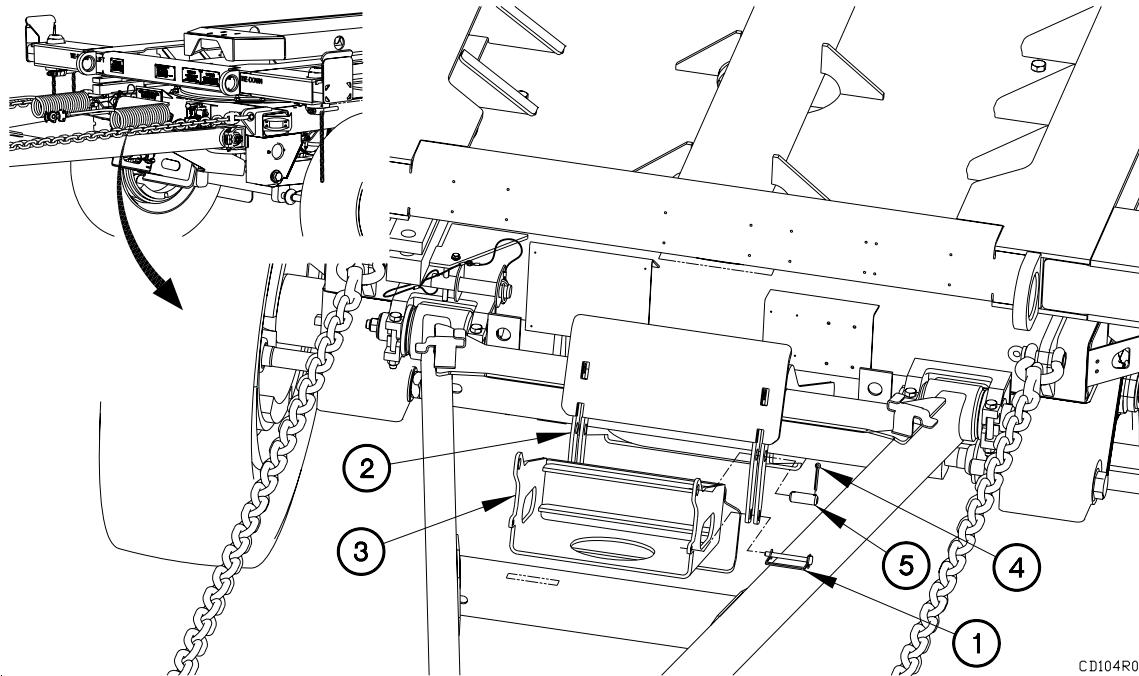
BUMP STOP AND EXTENSION REPLACEMENT - Continued**0104 00****INSTALLATION**

1. Position bump stop (2) on bump stop tube (10).
2. Install four shims (9) and bump stop cap (8), on bump stop with two lockwashers (7) and screws (6).
4. Tighten two screws to 28-34 lb-in. (38-47 N•m).



BUMP STOP AND EXTENSION REPLACEMENT - Continued**0104 00****INSTALLATION - Continued**

5. Install bump stop extension (3) on bump stop (2) with two lock pins (1).
6. Install bump stop pins (5) on bump stop extension (3).
7. Install four cotter pins (4) on bump stop (2) and bump stop extension (3).



CD104R01

END OF WORK PACKAGE

REFLECTORS REPLACEMENT

0105 00

THIS WORK PACKAGE COVERS:

Front Reflector Removal, Rear Reflector Removal, Rear Reflector Installation, Front Reflector Installation, Operational Checks

INITIAL SETUP:

Maintenance Level

Field

Materials/Parts

Nut, Self-Locking (2) (Item 35, WP 0168 00)
Dispenser, Pressure Sensitive Adhesive Tape (Item 6, WP 0165 00)

Tools and Special Tools

Tool Kit, Genl Mech (Item 22, WP 0167 00)
Wrench, Torque, 0-200 lb-in. (Item 33, WP 0167 00)

Equipment Conditions

Composite taillight assembly removed (WP 0060 00) (Rear reflectors only).

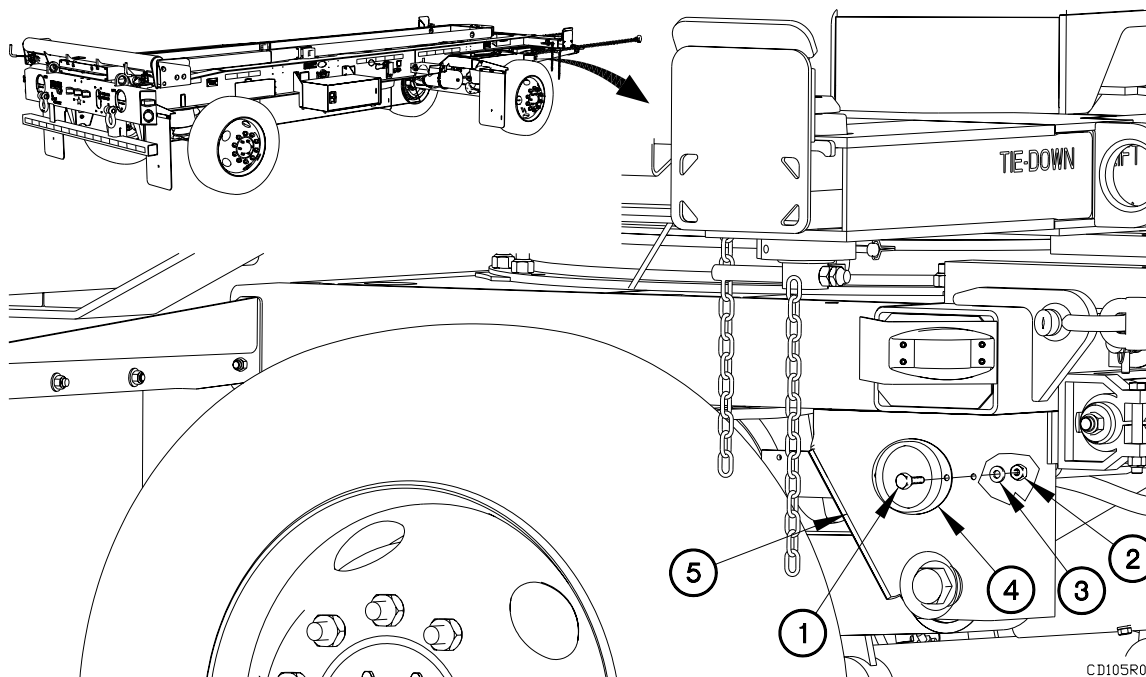
GENERAL

This work package contains information and instructions to replace the Load Handling System Trailer (LHST) reflectors.

REFLECTORS REPLACEMENT**0105 00****FRONT REFLECTOR REMOVAL****NOTE**

Both front reflectors are removed the same way. RH side front reflector shown.

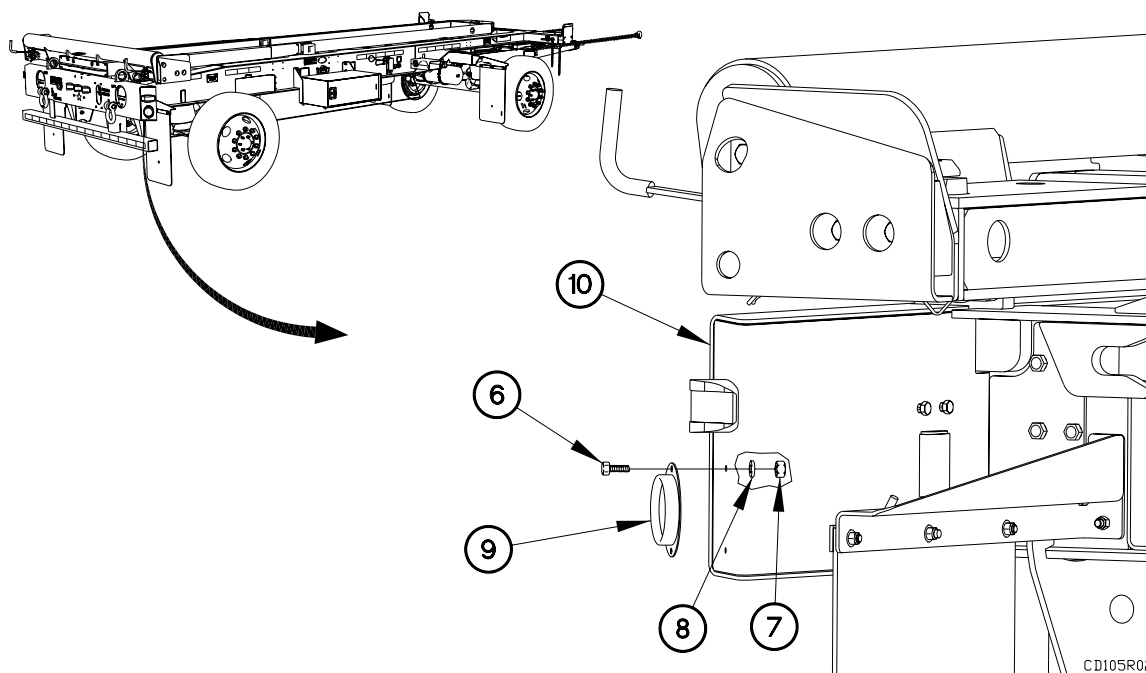
Remove two screws (1), self-locking nuts (2), washers (3), and reflector (4) from trailer (5).
Discard self-locking nuts.



REFLECTORS REPLACEMENT - CONTINUED**0105 00****REAR REFLECTOR REMOVAL****NOTE**

Both rear reflectors are removed the same way. RH side rear reflector shown.

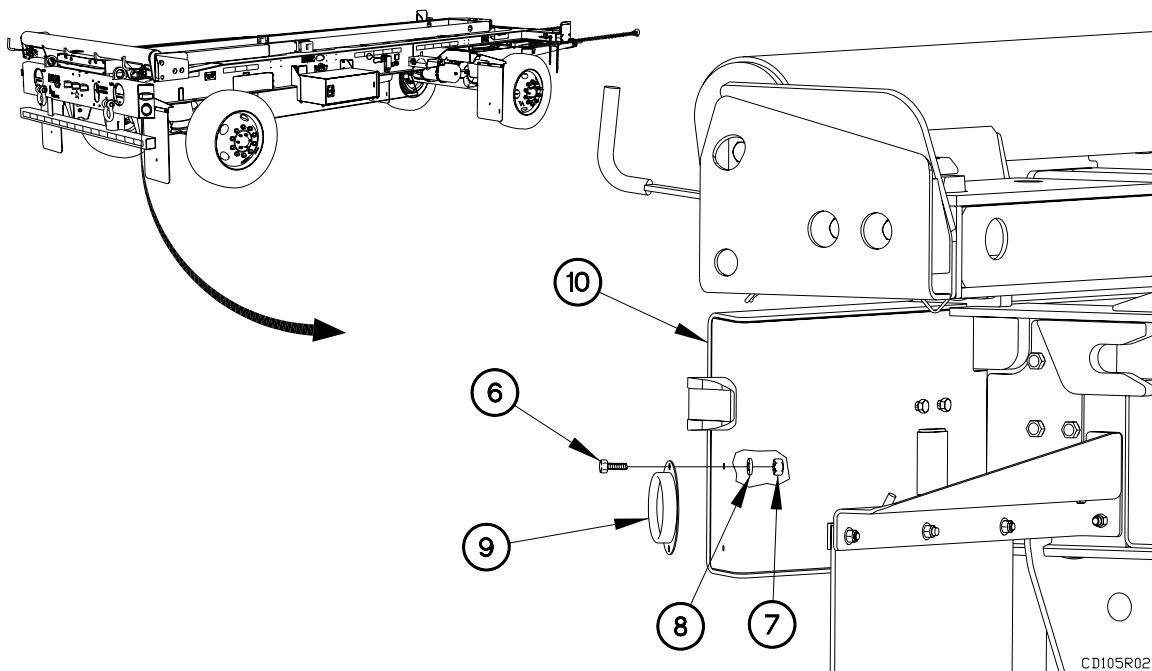
Remove two screws (6), self-locking nuts (7), washers (8), and reflector (9) on rear bumper (10). Discard self-locking nuts.



REFLECTORS REPLACEMENT - CONTINUED**0105 00****REAR REFLECTOR INSTALLATION****NOTE**

Both rear reflectors are installed the same way. RH side rear reflector shown.

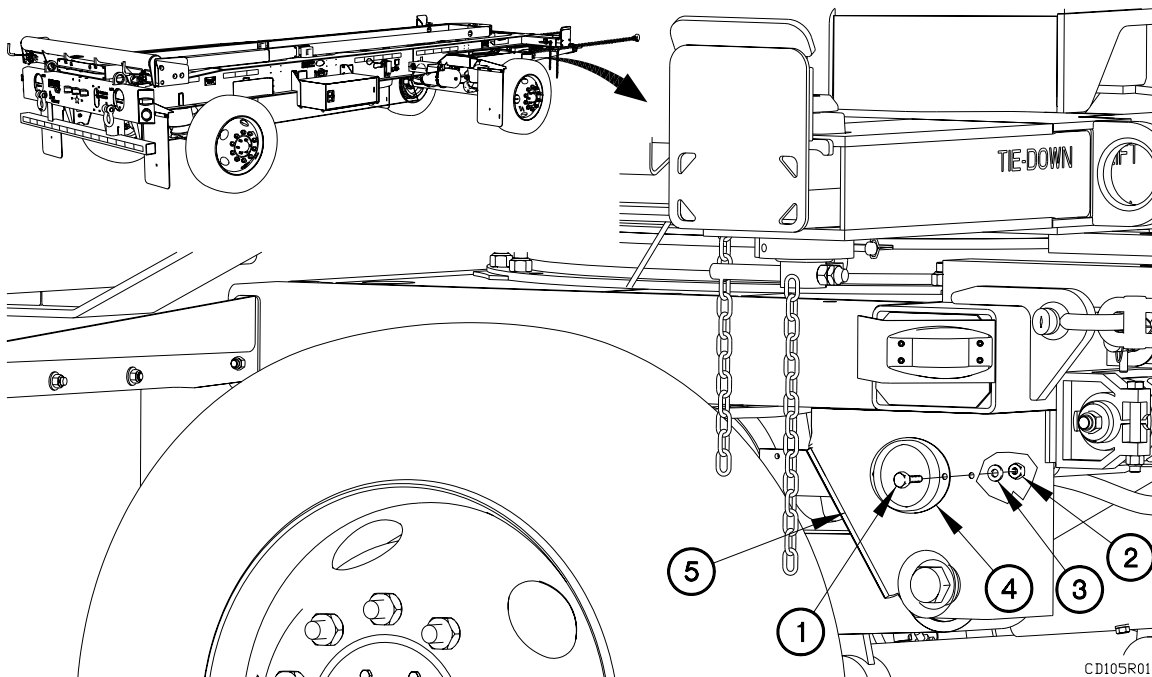
1. Position reflector (9) on rear bumper (10) with two screws (6), washers (8), and self-locking nuts (7).
2. Tighten two self-locking nuts (7) to 72-108 lb-in. (8-12 N•m).



REFLECTORS REPLACEMENT**0105 00****FRONT REFLECTOR INSTALLATION****NOTE**

Both front reflectors are installed the same way. RH side front reflector shown.

1. Position reflector (4) on trailer (5) with two screws (1), washers (3), and self-locking nuts (2).
2. Tighten two self-locking nuts (2) to 72-108 lb-in. (8-12 N•m).

**Operational Checks**

Install composite taillight assembly (WP 0060 00) (Rear reflectors only).

END OF WORK PACKAGE

OVERLOAD INDICATOR ASSEMBLY REPLACEMENT

0106 00**THIS WORK PACKAGE COVERS:**Removal, Installation, Operational Checks

INITIAL SETUP:**Maintenance Level**

Field

Materials/Parts

Nut, Self-Locking (3) (Item 26, WP 0168 00)

Nut, Self-Locking (4) (Item 27, WP 0168 00)

Dispenser, Pressure Sensitive Adhesive Tape
(Item 6, WP 0165 00)**Tools and Special Tools**

Tool Kit, Genl Mech (Item 22, WP 0167 00)

Wrench, Torque, 0-200 lb-in. (Item 33, WP
0167 00)**Equipment Conditions**Trailer uncoupled (WP 0043 24, TM 2320-
392-10-1).

GENERAL

This work package contains information and instructions to replace the Load Handling System Trailer (LHST) overload indicator assembly.

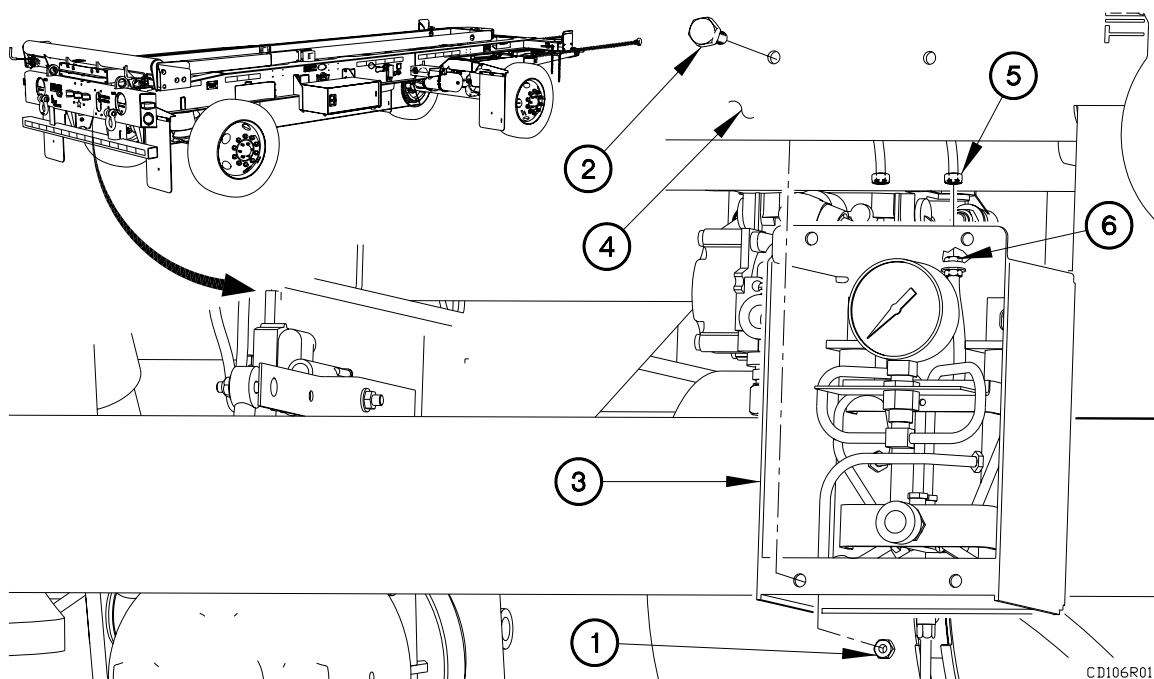
OVERLOAD INDICATOR ASSEMBLY REPLACEMENT**0106 00****REMOVAL**

1. Remove four self-locking nuts (1), bolts (2), and box (3) from rear panel assembly (4). Discard self-locking nuts.

NOTE

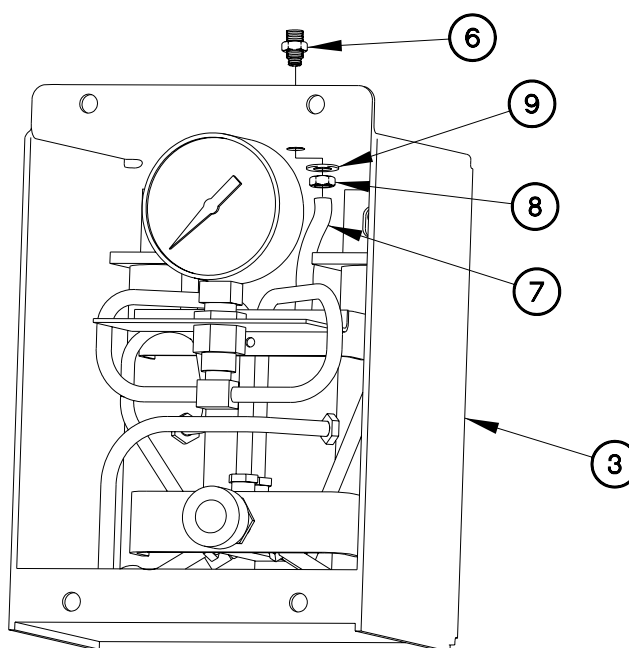
Tag hoses and fittings prior to removal.

2. Disconnect two hoses (5) from fittings (6).



REMOVAL - Continued

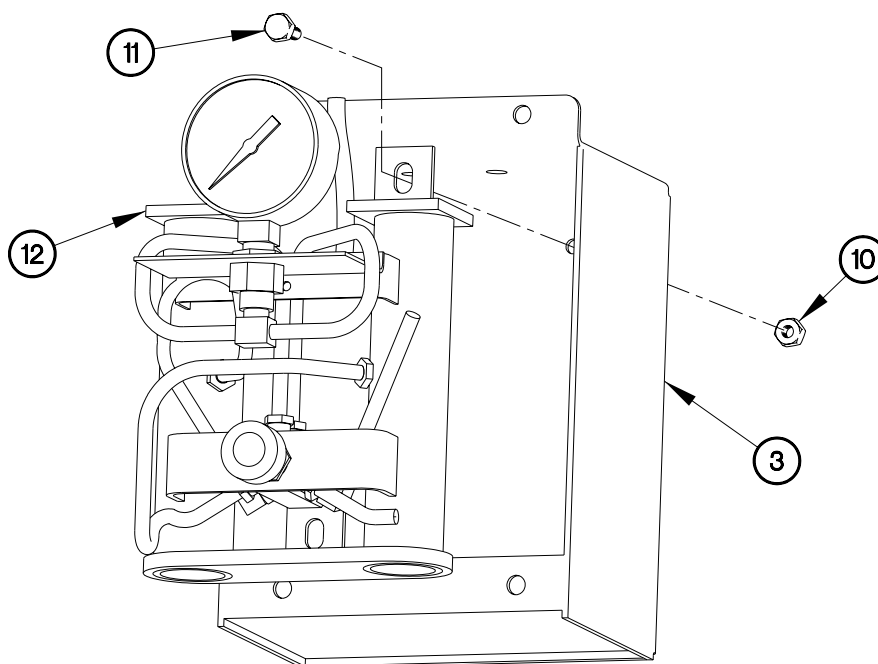
3. Remove two hoses (7) from fittings (6).
4. Remove two nuts (8), washers (9), and fittings (6) from box (3).



CD106R02

OVERLOAD INDICATOR ASSEMBLY REPLACEMENT - Continued**0106 00****REMOVAL - Continued**

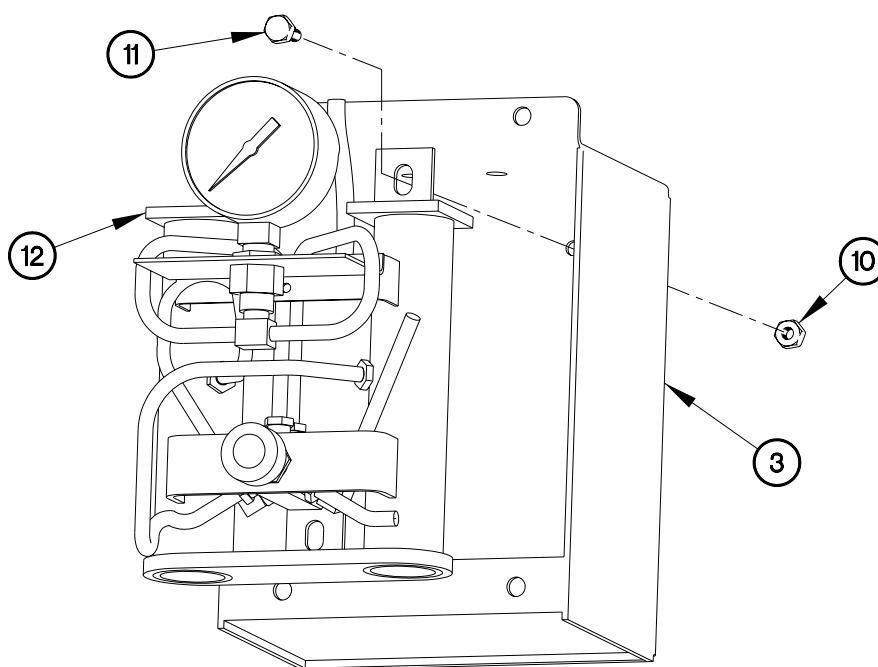
5. Remove three self-locking nuts (10), bolts (11), and overload indicator assembly (12) from box (3). Discard self-locking nuts.



CD106R03

INSTALLATION

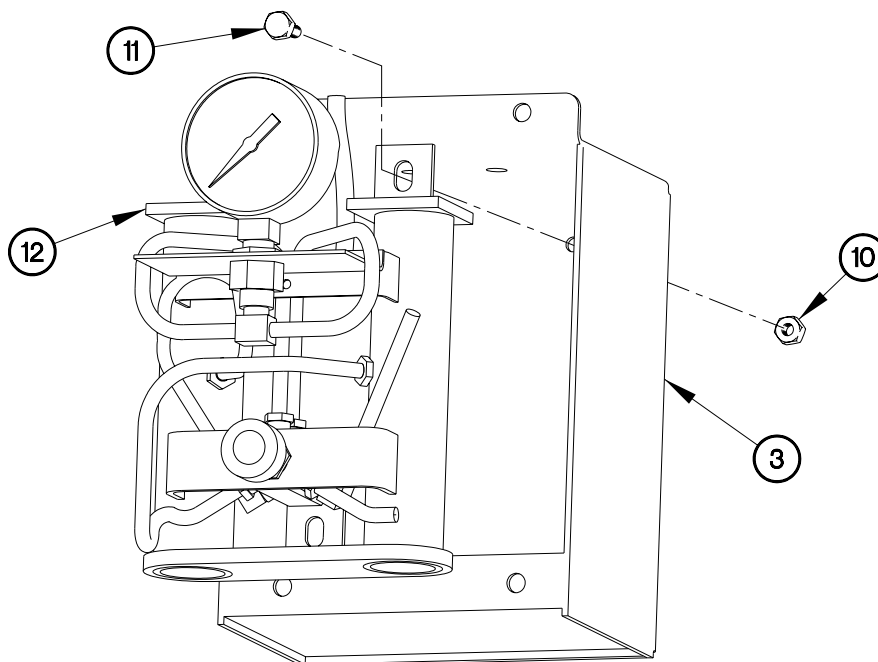
1. Install overload indicator assembly (12) on box (3) with three bolts (11) and self-locking nuts (10).



CD106R03

INSTALLATION - Continued

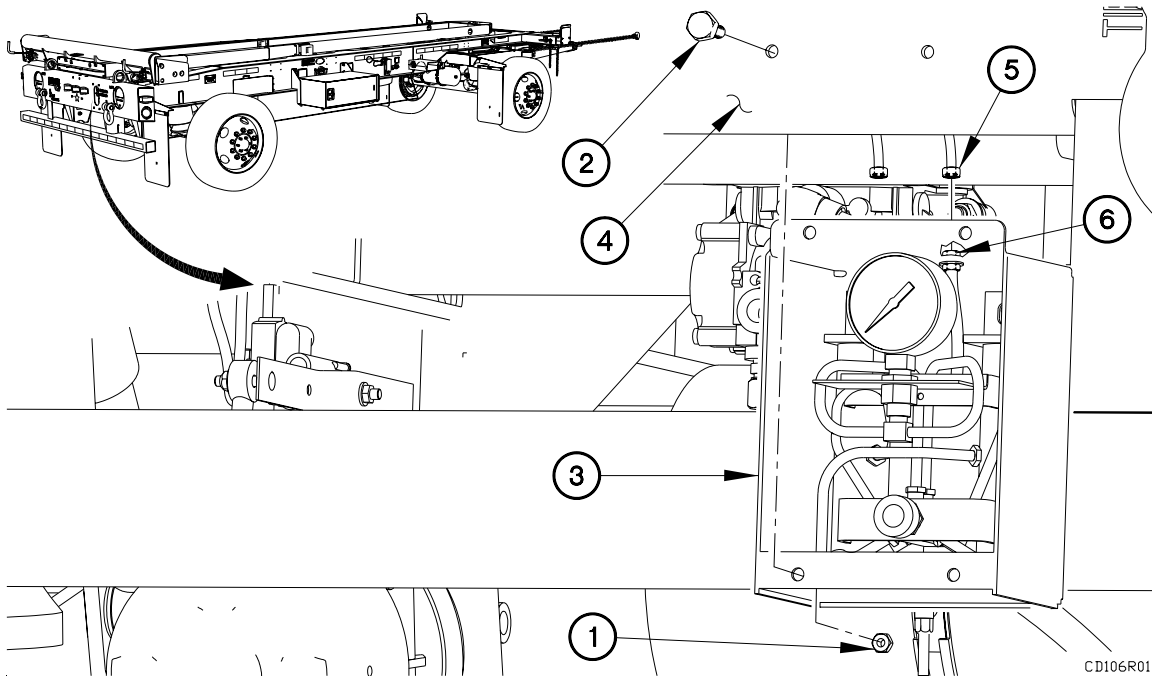
2. Install two fittings (6) on box (3) with two washers (9) and nuts (8).
3. Install two hoses (7) on fittings (6).



CD106R03

OVERLOAD INDICATOR ASSEMBLY REPLACEMENT**0106 00****INSTALLATION - Continued**

4. Connect two hoses (5) to fittings (6).
5. Position box (3) on rear panel assembly (4) with four bolts (2) and self-locking nuts (1).
6. Tighten self-locking nuts (1) to 96-120 lb-in. (11-14 N•m).

**OPERATIONAL CHECKS**

1. Couple trailer (WP 0043 23, TM 2320-392-10-1, Coupling Trailer).
2. Check overload indicator assembly air hoses for leaks.
3. Check for proper operation of overload indicator assembly (WP 0013 00).
4. Uncouple trailer (WP 0043 24, TM 2320-392-10-1, Uncoupling Trailer).

END OF WORK PACKAGE

FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT**0107 00****THIS WORK PACKAGE COVERS:**

Removal, Installation, Adjustment, Operational Checks

INITIAL SETUP:**Maintenance Level**

Field

Tools and Special Tools

Tool Kit, Genl Mech (Item 22, WP 0167 00)
 Wrench, Torque 50-250 lb-ft (Item 31, WP 0167 00)

Materials/Parts

Dispenser, Pressure Sensitive Adhesive Tape (Item 6, WP 0165 00)
 Pin, Cotter (2) (Item 49, WP 0168 00)

Materials/Parts (Cont)

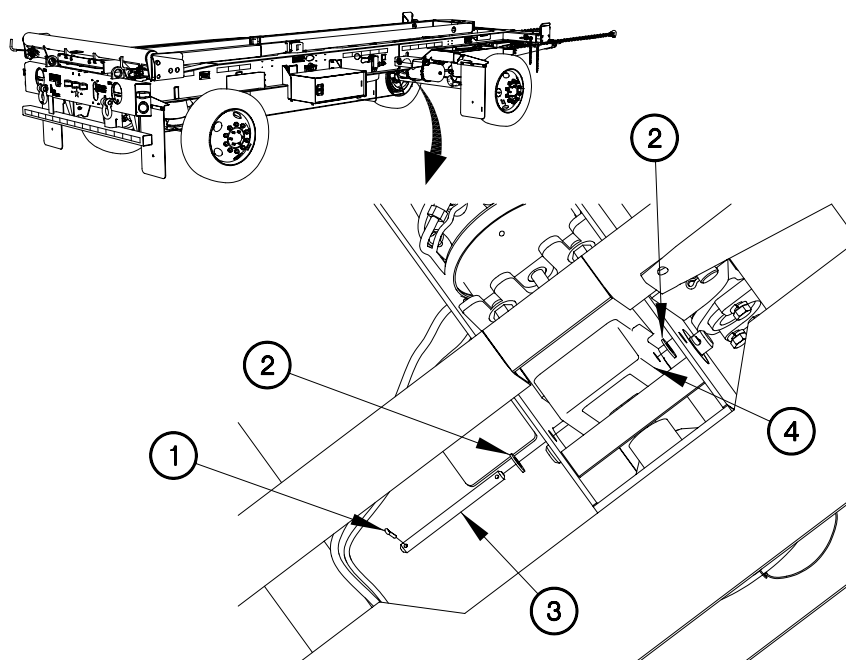
Pin, Cotter (Item 42, WP 0168 00)
 Washer, Lock (2) (Item 18, WP 0168 00)
 Nut, Self-Locking (Item 30, WP 0168 00)
 Pin, Cotter (Item 44, WP 0168 00)
 Sealing Compound (Item 14, WP 0165 00)

Equipment Conditions

Trailer uncoupled (WP 0043 24, TM 2320-392-10-1).
 Flatrack rail assembly raised (WP 0005 00)
 Air tanks drained (WP 0004 00)

REMOVAL

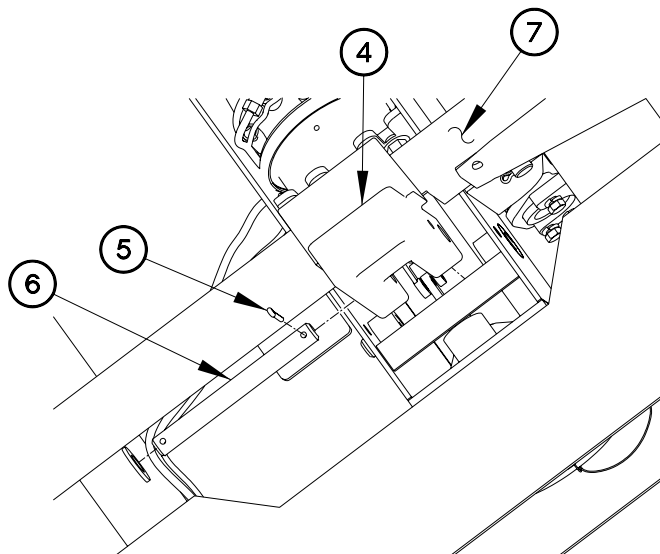
1. Remove two cotter pins (1) and washers (2) from retaining pin (3). Discard cotter pins.
2. Remove retaining pin (3) from flatrack lock (4).



CD107R01

FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued**0107 00****REMOVAL - Continued**

3. Remove cotter pin (5) from retaining pin (6). Discard cotter pin.
4. Remove retaining pin (6) from flatrack lock (4).
5. Remove flatrack lock (4) from trailer (7).



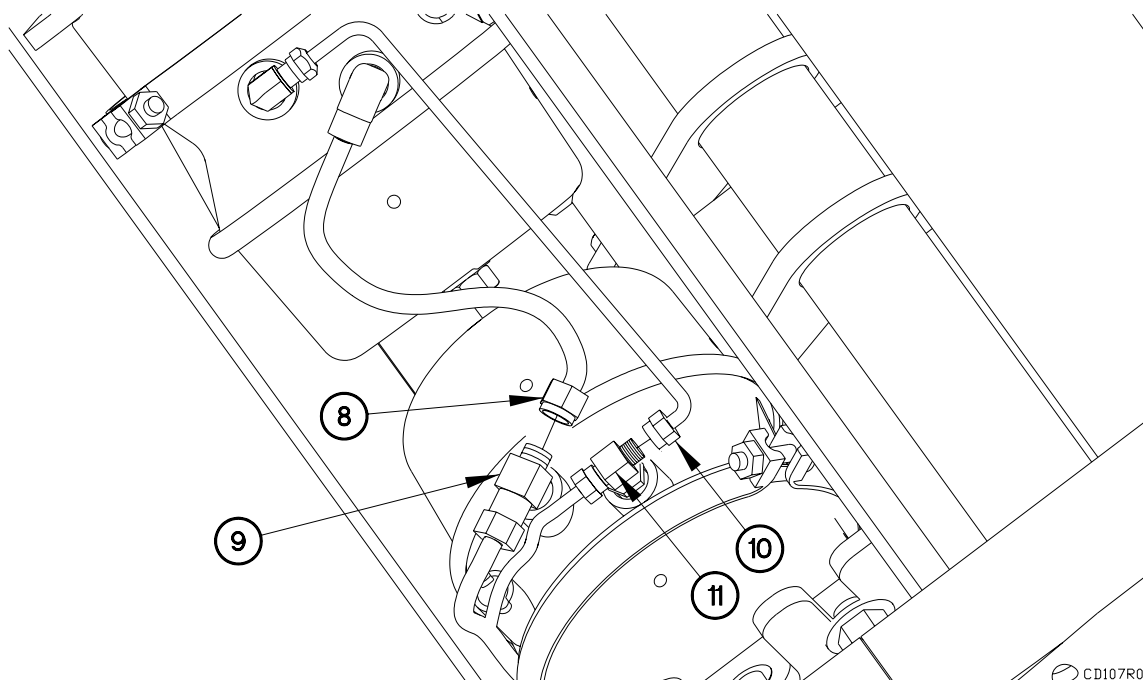
CD107R02

REMOVAL - Continued**NOTE**

Perform the following two steps on LH air chamber.

Tag hoses and connection points prior to disconnection.

6. Disconnect two hoses (8) from tee fitting (9).
7. Disconnect two hoses (10) from tee fitting (11).



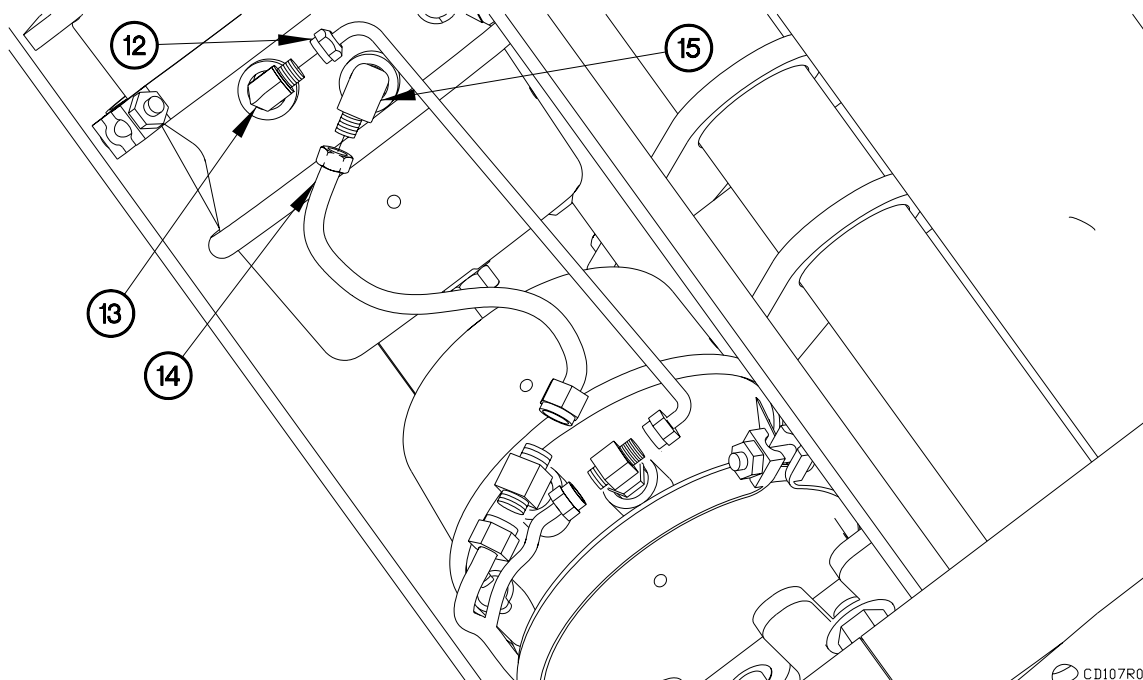
CD107R03

FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued **0107 00****REMOVAL - Continued****NOTE**

Perform the following two steps on RH air chamber.

Tag hoses and connection points prior to disconnection.

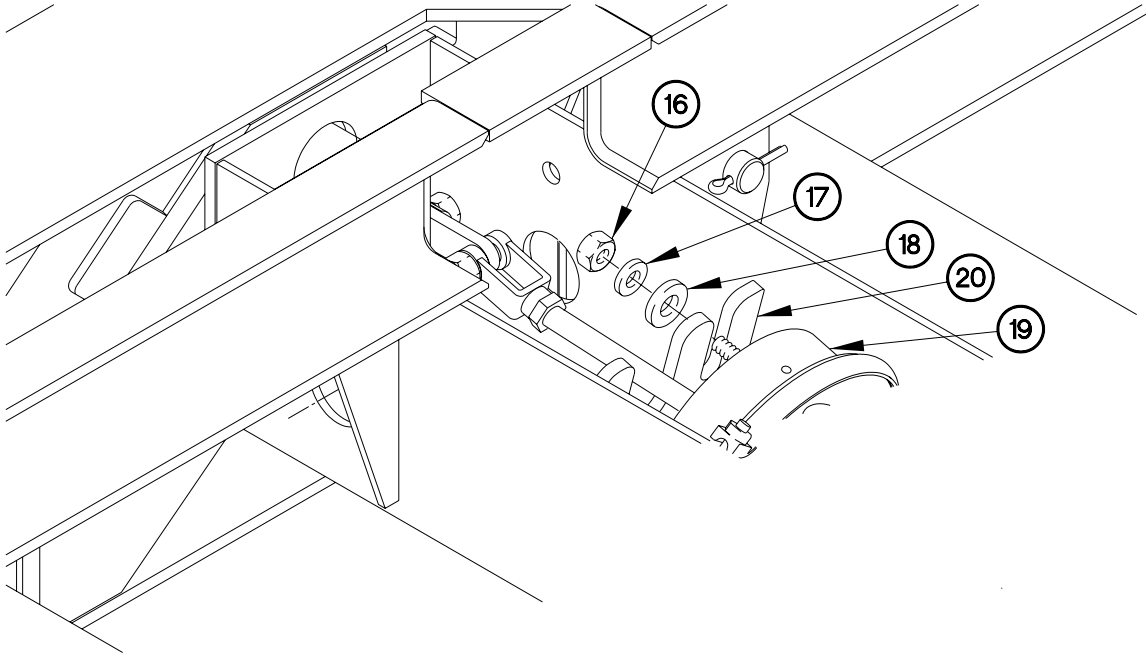
8. Disconnect hose (12) from 90-degree fitting (13).
9. Disconnect hose (14) from 90-degree fitting (15).



CD107R04

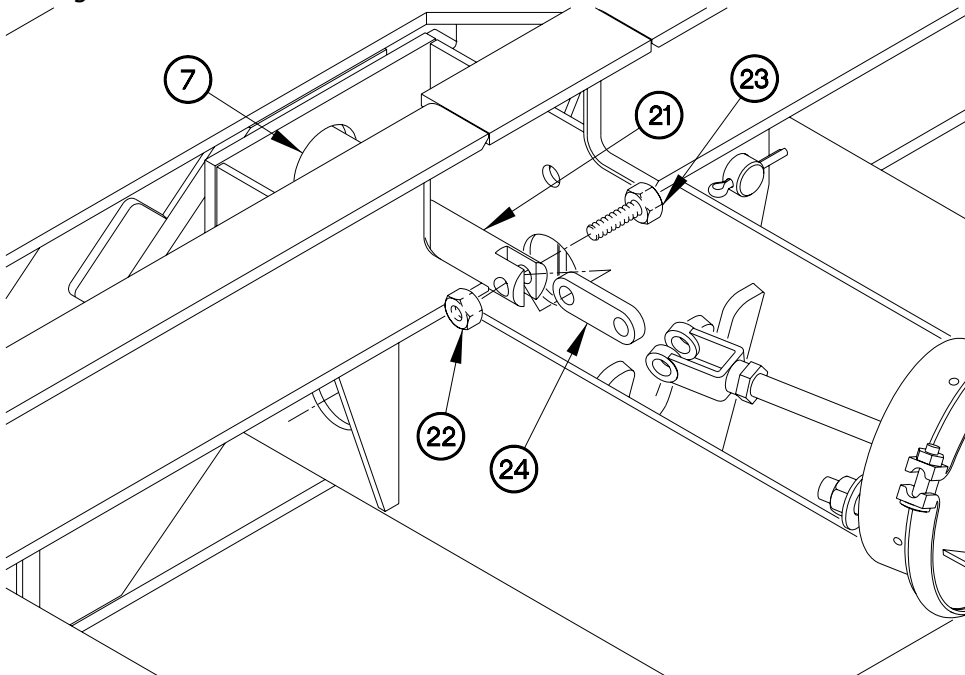
FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued **0107 00****REMOVAL - Continued**

10. Remove two nuts (16), lockwashers (17), spacer (18), and air chamber (19) from air chamber bracket (20). Discard lockwashers.



CD107R05

11. Remove pivot pin (21) from trailer (7).
12. Remove self-locking nut (22), bolt (23), and pivot bracket (24) from pivot pin (21). Discard self-locking nut.



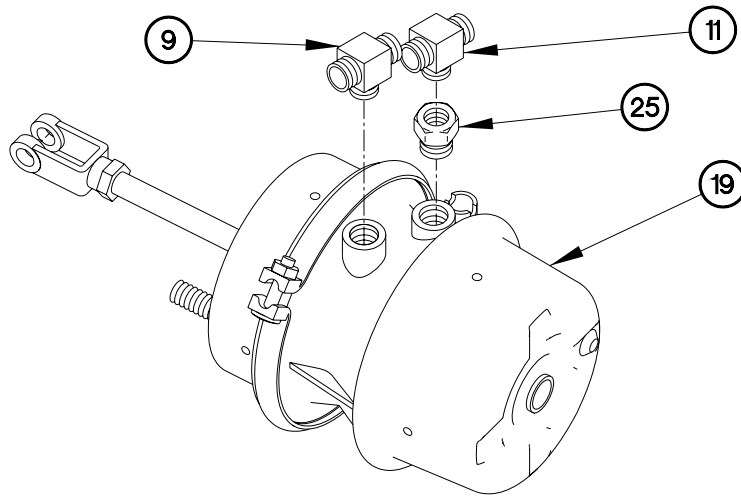
CD107R06

FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued **0107 00****REMOVAL - Continued****NOTE**

LH air chamber has tee fittings. RH air chamber has 90-degree fittings. LH air chamber shown.

Note orientation of fittings prior to removal.

13. Remove tee fitting (9) from air chamber (19).
14. Remove tee fitting (11) from adapter fitting (25).
15. Remove adapter fitting (25) from air chamber (19).

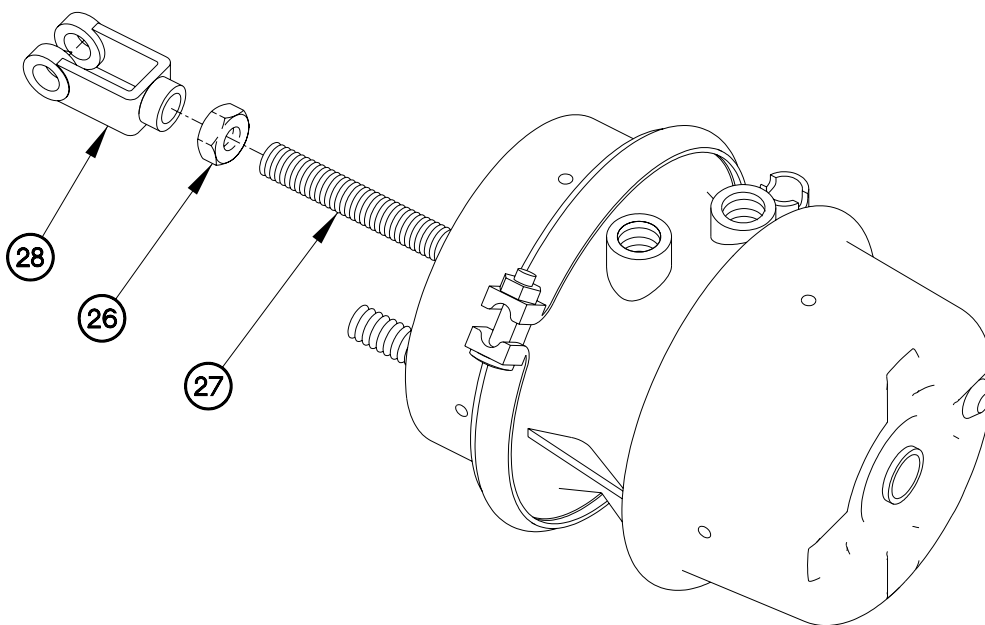


CD107R07

FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued **0107 00****REMOVAL - Continued****NOTE**

Note orientation and thread count of pin latch prior to removal.

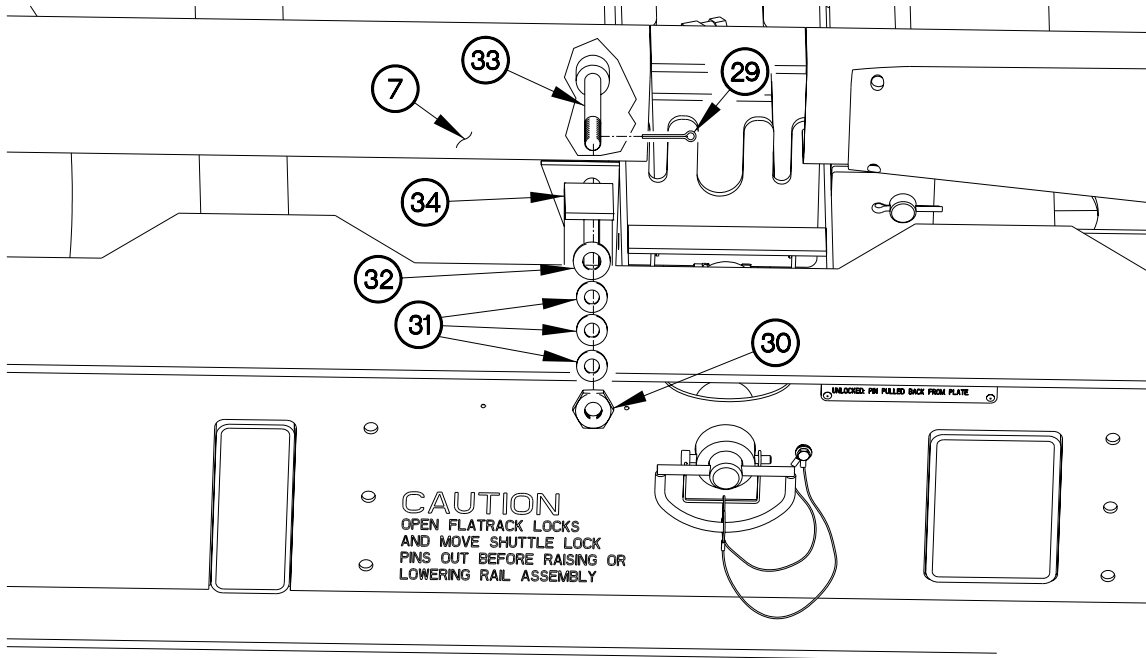
16. Loosen nut (26) on threaded rod (27).
17. Remove pin latch (28) and nut (26) from threaded rod (27).



CD107R08

FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued 0107 00**REMOVAL - Continued**

18. Remove cotter pin (29), collet nut (30), three wave washers (31), washer (32), bolt (33), and locking bracket (34) from trailer (7). Discard cotter pin.

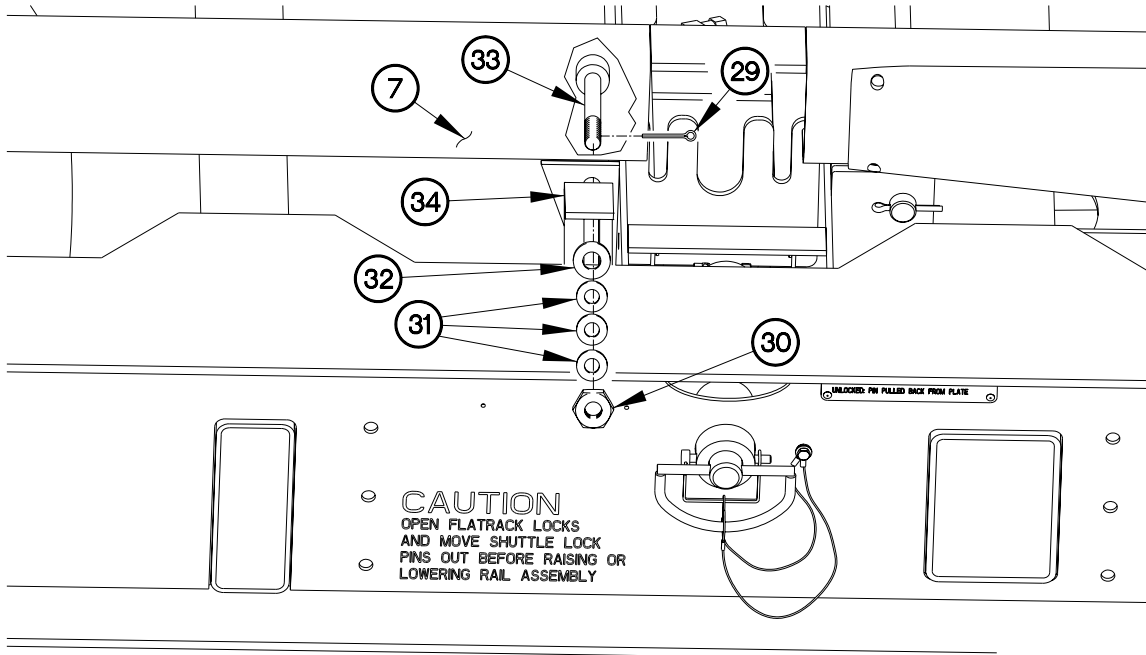


CD107R09

FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued 0107 00**INSTALLATION****NOTE**

Leave bolt loose enough so that locking bracket can move freely.

1. Install locking bracket (34) on trailer (7) with bolt (33), washer (32), three wave washers (31), collet nut (30), and cotter pin (29).

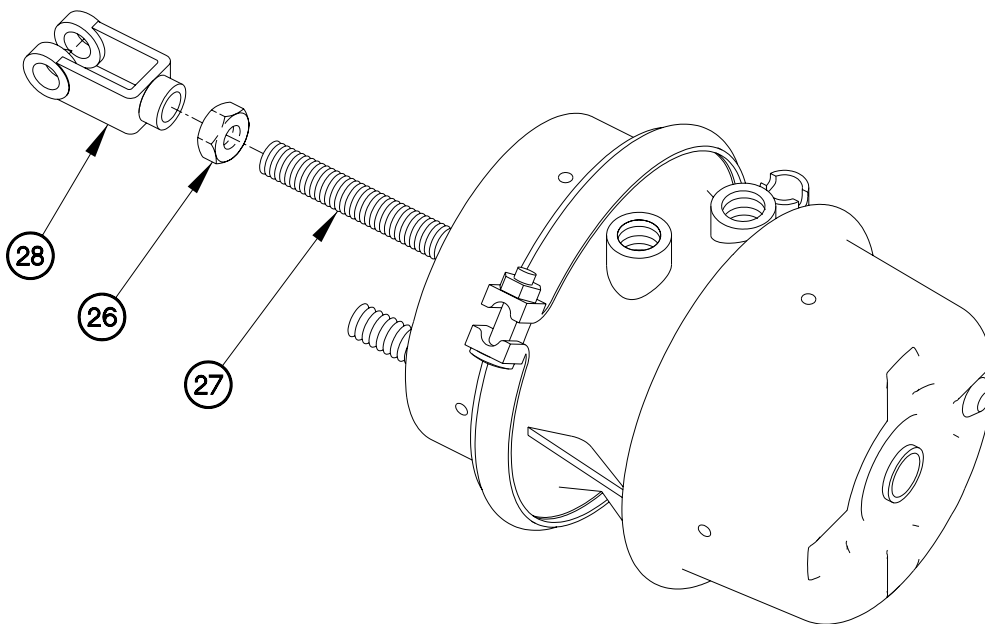


CD107R09

INSTALLATION - Continued**NOTE**

Position nut and pin latch using thread count and orientation as noted in removal.

2. Install nut (26) and pin latch (28) on threaded rod (27).



CD107R08

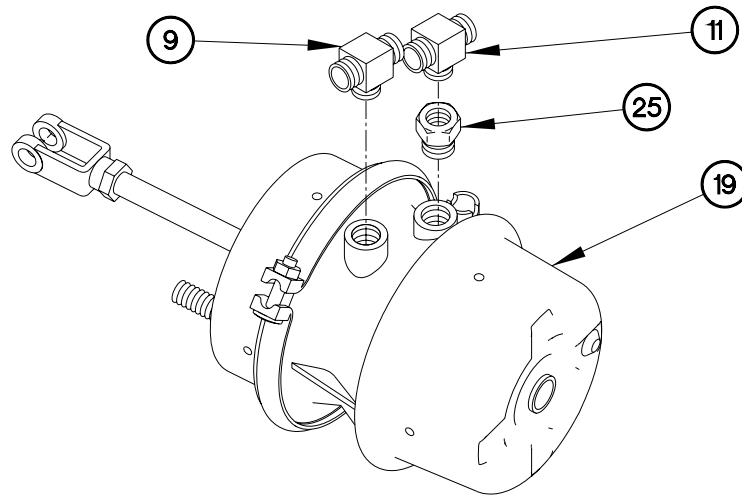
INSTALLATION - Continued**WARNING**

Adhesives, solvents, and sealing compounds can burn easily, can give off harmful vapors, and are harmful to skin and clothing. To avoid injury or death, keep away from open fire and use in a well-ventilated area. If adhesive, solvent, or sealing compound gets on skin or clothing, wash immediately with soap and water. Failure to comply may result in injury to personnel.

NOTE

LH air chamber has tee fittings. RH air chamber has 90-degree fittings. LH air chamber shown.

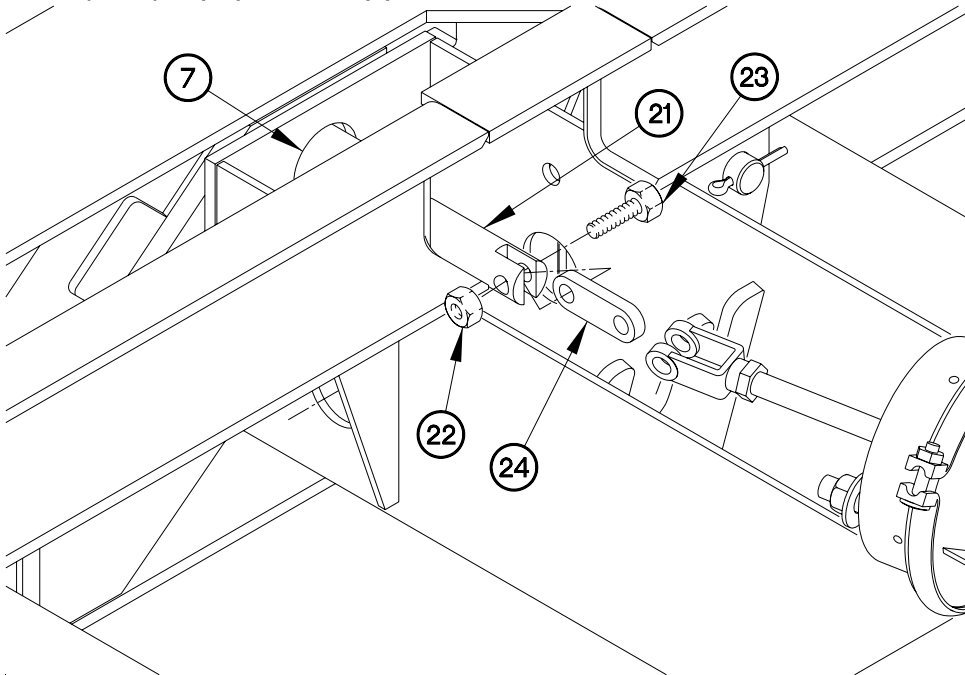
3. Apply sealing compound to threads of adapter fitting (25) and tee fittings (9 and 11).
4. Install adapter fitting (25) in air chamber (19).
5. Install tee fitting (11) in adapter fitting (25).
6. Install tee fitting (9) in air chamber (19).



CD107R07

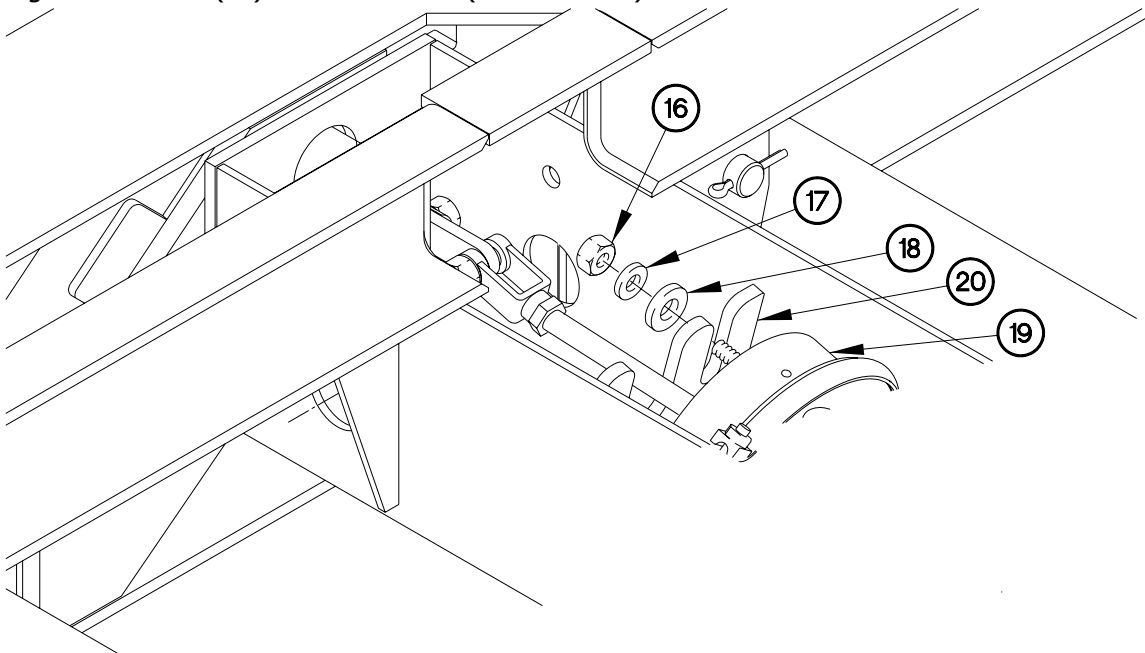
FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued **0107 00****INSTALLATION - Continued**

7. Install pivot bracket (24) in pivot pin (21) with bolt (23) and self-locking nut (22).
8. Install pivot pin (21) in trailer (7).



CD107R06

9. Position air chamber (19) on air chamber bracket (20) with two spacers (18), lockwashers (17), and nuts (16).
10. Tighten two nuts (16) to 135-165 lb-ft (183-224 N•m).



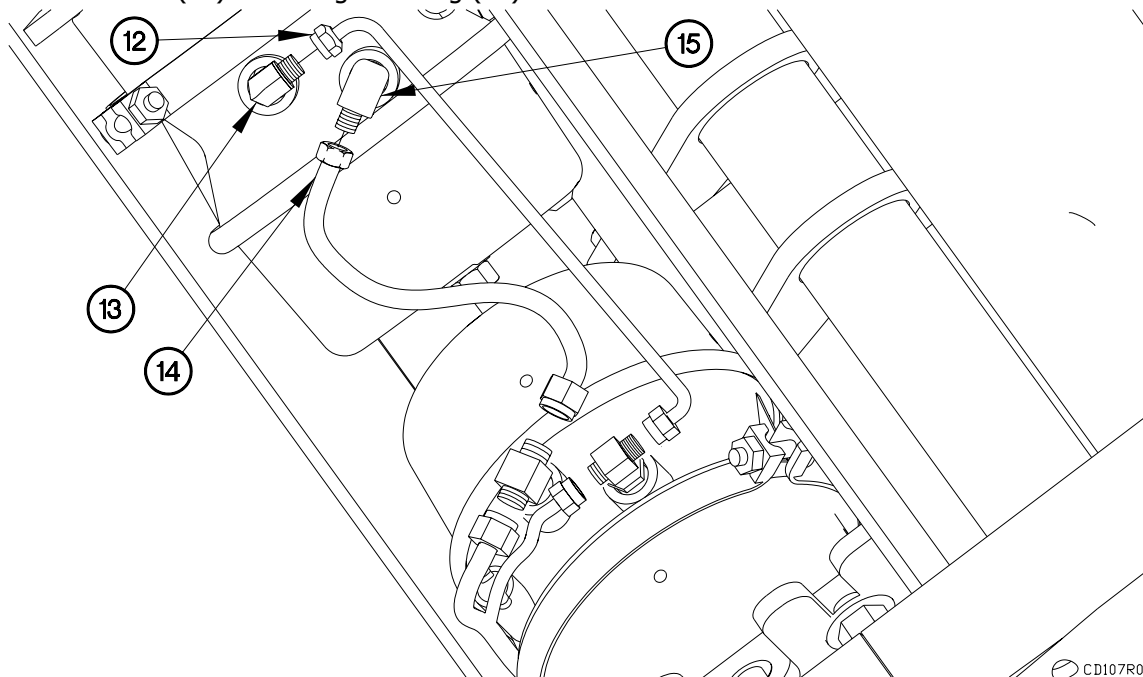
CD107R05

INSTALLATION - Continued**NOTE**

Perform the following two steps on RH air chamber.

11. Connect hose (14) to 90-degree fitting (15).

12. Connect hose (12) to 90-degree fitting (13).



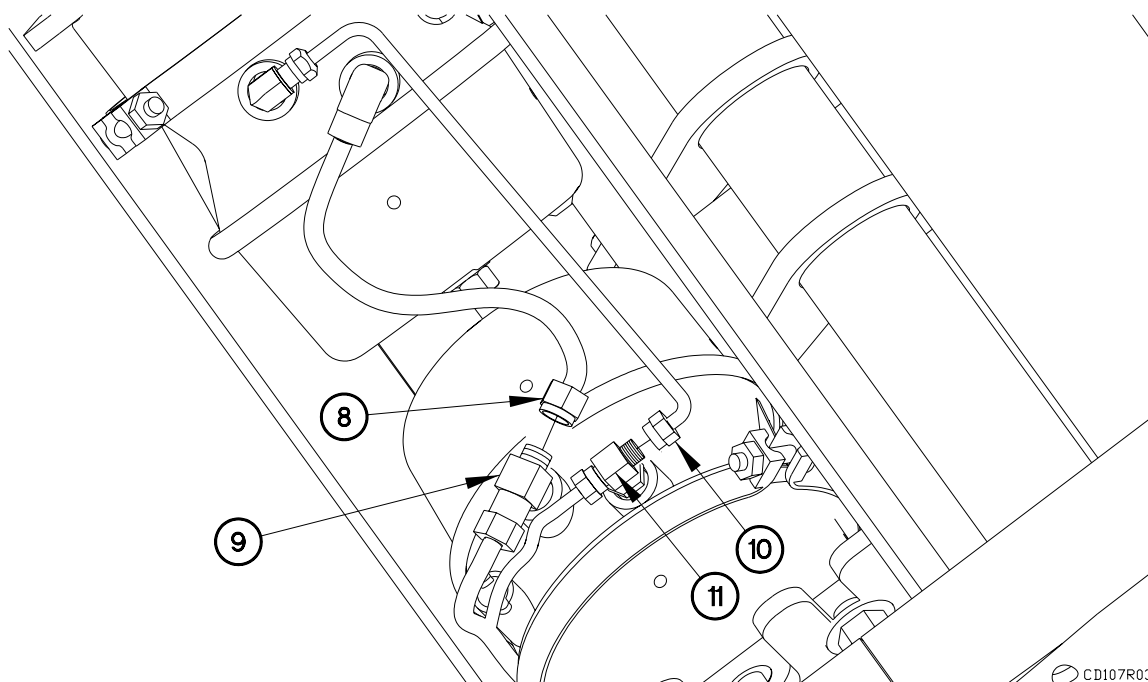
CD107R04

INSTALLATION - Continued**NOTE**

Perform the following two steps on LH air chamber.

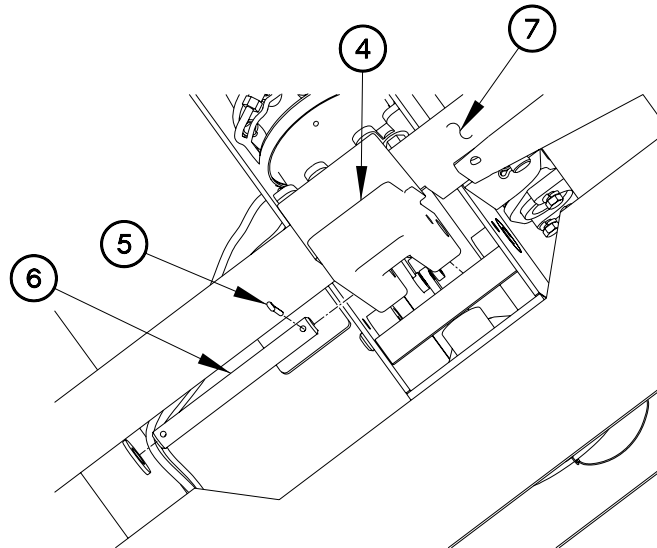
13. Connect two hoses (10) to tee fitting (11).

14. Connect two hoses (8) to tee fitting (9).



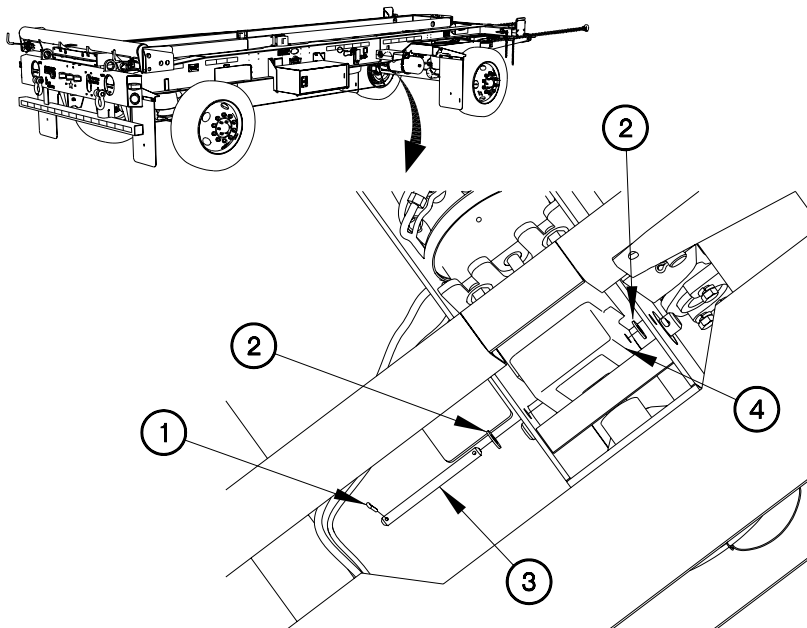
FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued **0107 00****INSTALLATION - Continued**

15. Install flatrack lock (4) in trailer (7).
16. Install retaining pin (6) in flatrack lock (4).
17. Install cotter pin (5) in retaining pin (6).



CD107R02

18. Install retaining pin (3) in flatrack lock (4).
19. Install two washers (2) and cotter pins (1) on retaining pin (3).



CD107R01

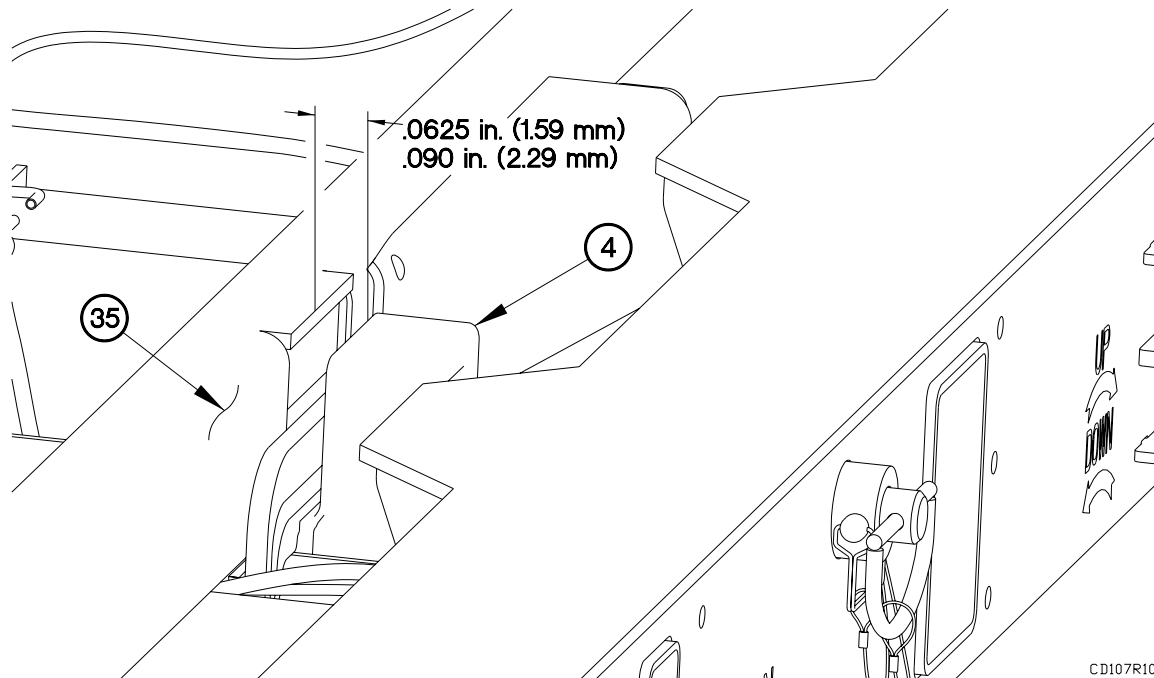
FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued **0107 00****ADJUSTMENT**

1. Push flatrack lock (4) towards flatrack rail assembly (35).
2. Measure distance between flatrack lock (4) and flatrack rail assembly (35).
3. Pull flatrack lock (4) away from flatrack rail assembly (35).

NOTE

Distance between two measurements should be between .0625 in. and .090 in.

4. Measure distance between flatrack lock (4) and flatrack rail assembly (35).

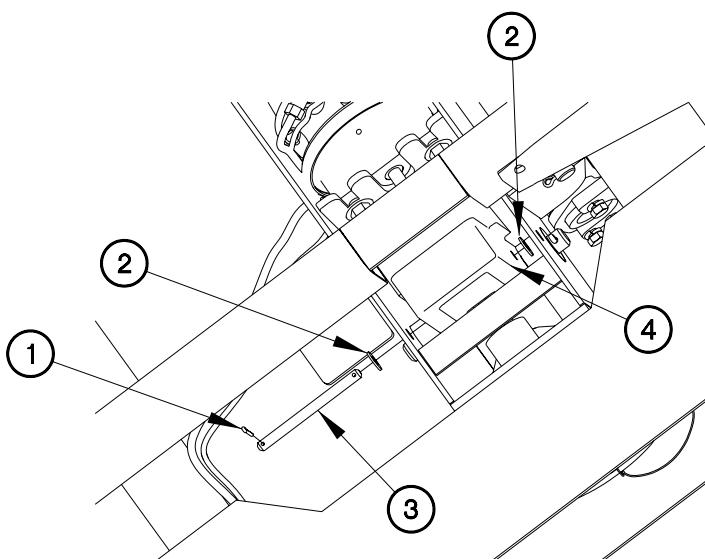


CD107R10

FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued **0107 00****ADJUSTMENT – Continued****NOTE**

Perform the following steps if distance between two measurements is less than .0625 in. or more than .090 in.

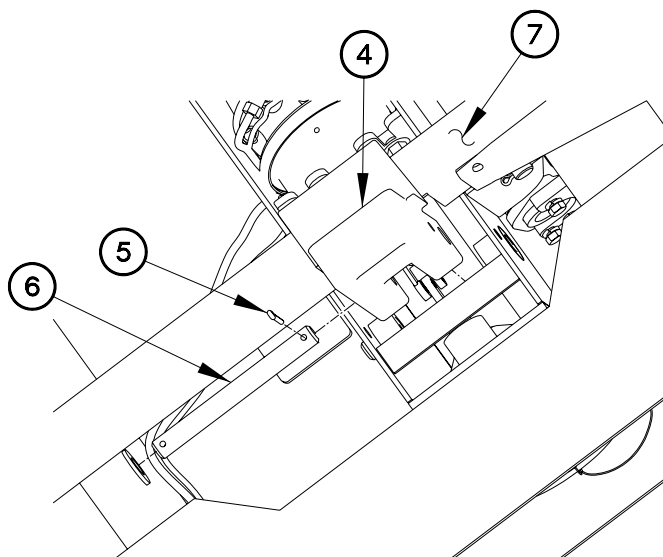
5. Remove two cotter pins (1) and washers (2) from retaining pin (3).
6. Remove retaining pin (3) from flatrack lock (4).



CD107R11

FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued**0107 00****ADJUSTMENT – Continued**

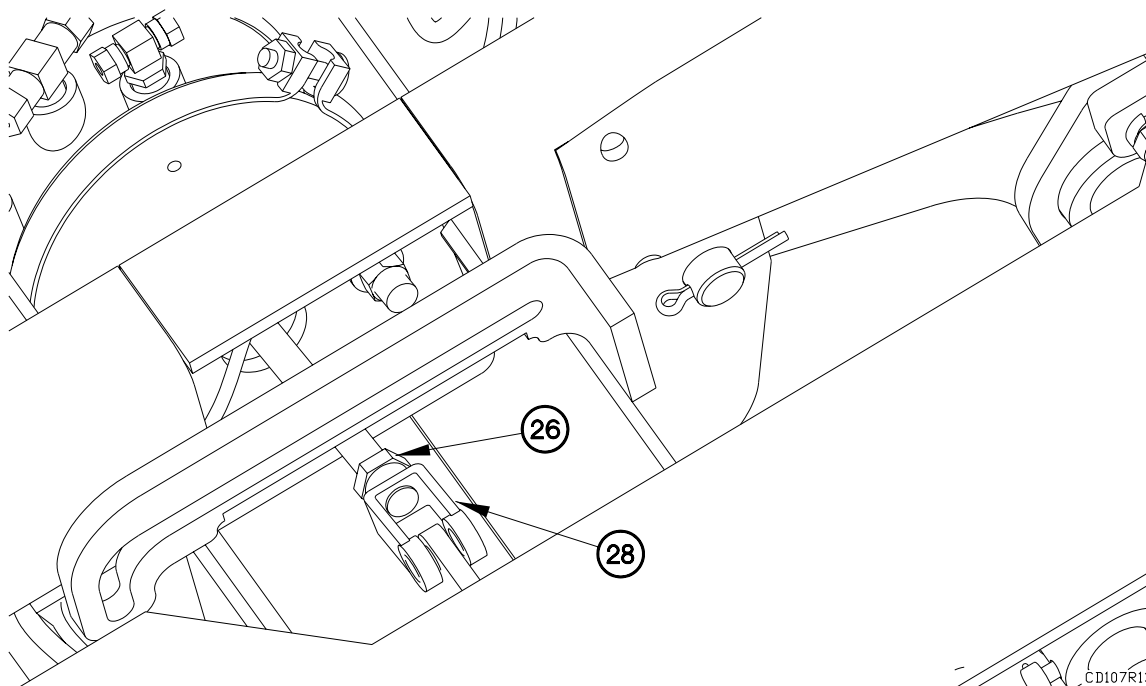
7. Remove cotter pin (5) from retaining pin (6). Discard cotter pin.
8. Remove retaining pin (6) from flatrack lock (4).
9. Remove flatrack lock (4) from trailer (7).



CD107R12

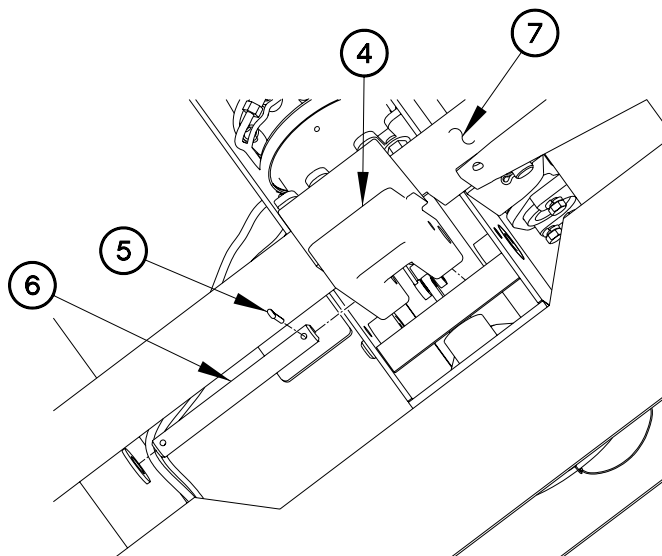
ADJUSTMENT – Continued

10. Loosen or tighten nut (26) and pin latch (28) as necessary.



FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued**0107 00****ADJUSTMENT – Continued**

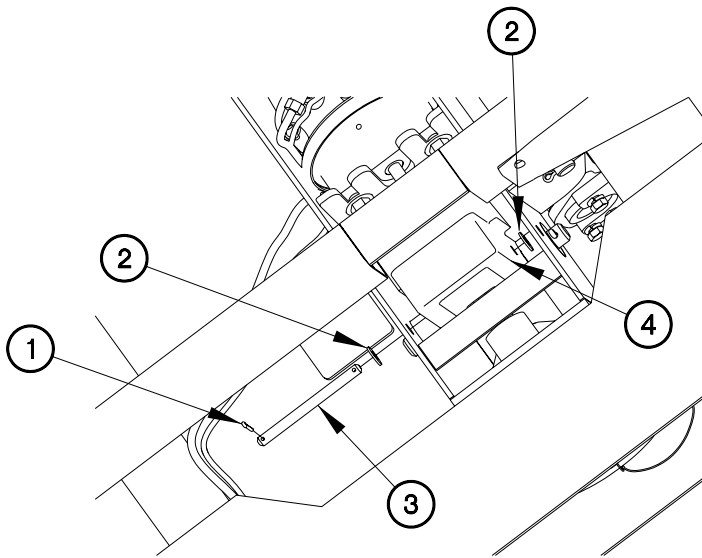
11. Install flatrack lock (4) in trailer (7).
12. Install retaining pin (6) in flatrack lock (4).
13. Install cotter pin (5) in retaining pin (6).



CD107R14

FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued **0107 00****ADJUSTMENT – Continued**

14. Install retaining pin (3) in flatrack lock (4).
15. Install two washers (2) and cotter pins (1) on retaining pin (3).
16. Repeat steps 1-4.
17. If difference between two measurements is less than .0625 in. or more than .090 in., repeat steps 5-16.



CD107R15

FLATRACK, AIR CHAMBER, AND LOCK REPLACEMENT - Continued 0107 00

OPERATIONAL CHECKS

1. Couple trailer and charge air system (WP 0043 23, TM 2320-392-10-1).
2. Lower flatrack rail assembly (WP 0005 00).
3. Check flatrack air chamber for air leaks.

END OF WORK PACKAGE

FLATRACK LOCK PUSH/PULL VALVE REPLACEMENT

0108 00**THIS WORK PACKAGE COVERS:**Removal, Installation, Operational Checks

INITIAL SETUP:**Maintenance Level**

Field

Materials/PartsDispenser, Pressure Sensitive Adhesive Tape
(Item 6, WP 0165 00)

Sealing Compound (Item 2, WP 0165 00)

Washer, Lock (2) (Item 20, WP 0168 00)

Tools and Special Tools

Tool Kit, Genl Mech (Item 22, WP 0167 00)

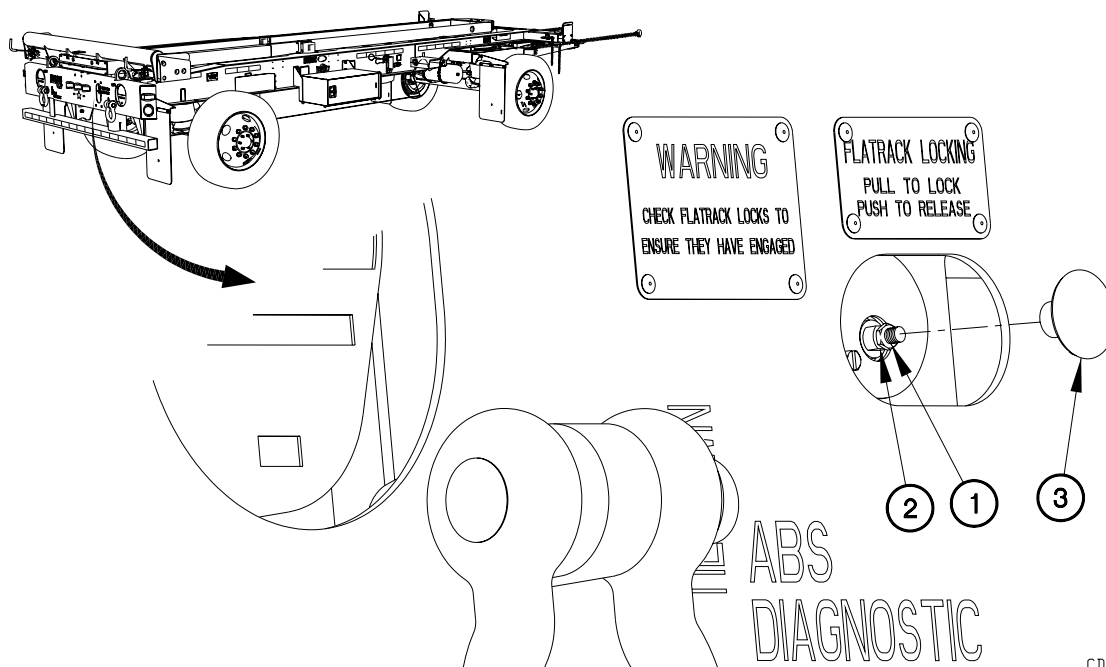
Equipment ConditionsTrailer uncoupled (WP 0043 24, TM 2320-
392-10-1).

GENERAL

This work package contains information and instructions to replace the Load Handling System Trailer (LHST) flatrack lock push/pull valve.

FLATRACK LOCK PUSH/PULL VALVE REPLACEMENT - Continued**0108 00****REMOVAL**

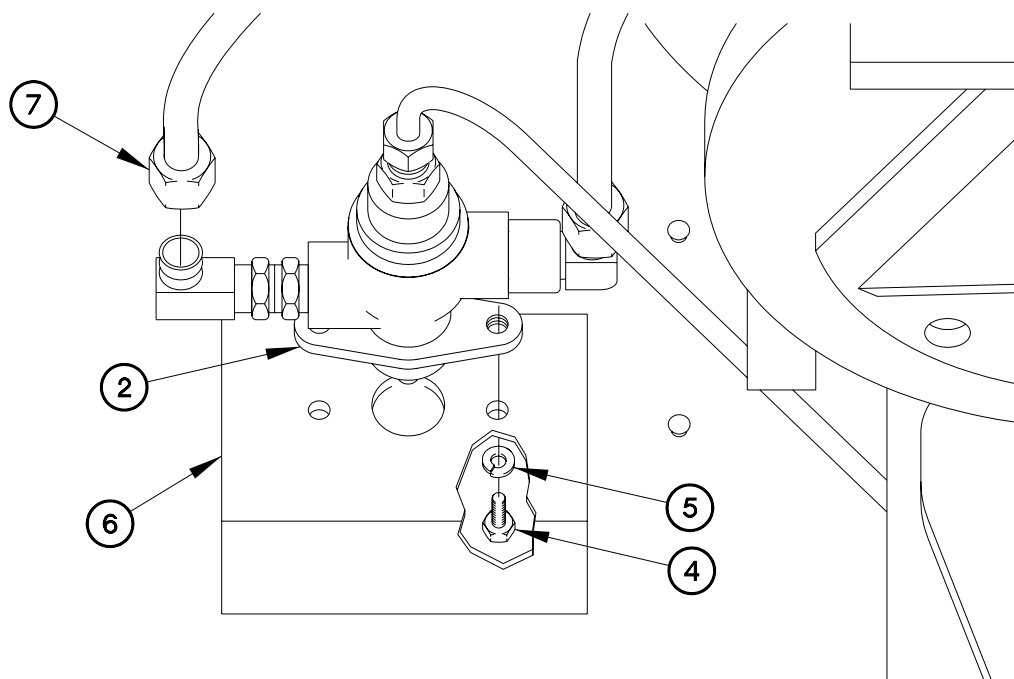
1. Drain air tanks.
2. Loosen nut (1) on flatrack lock push/pull valve (2).
3. Remove knob (3) from flatrack lock push/pull valve (2).



CD108R01

REMOVAL - Continued

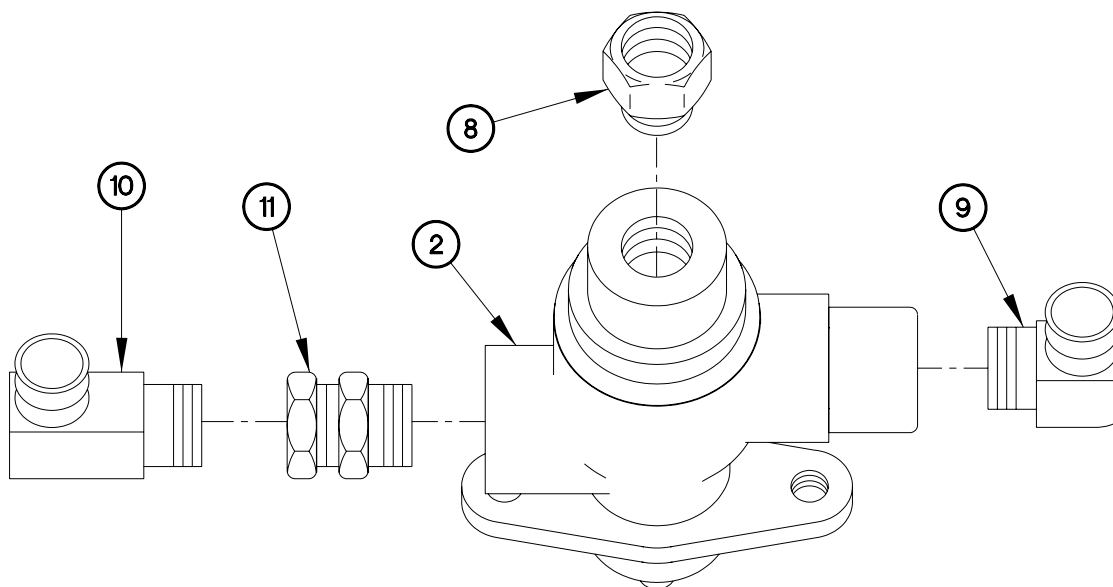
4. Remove two screws (4), lockwashers (5), and flatrack lock push/pull valve (2) from trailer (6). Discard lockwashers.
5. Disconnect three hoses (7) from flatrack lock push/pull valve (2).



CD108R02

FLATRACK LOCK PUSH/PULL VALVE REPLACEMENT - Continued**0108 00****REMOVAL - Continued**

6. Remove adapter (8) and 90-degree fitting (9) from flatrack lock push/pull valve (2).
7. Remove 90-degree fitting (10) and adapter (11) from flatrack lock push/pull valve (2).

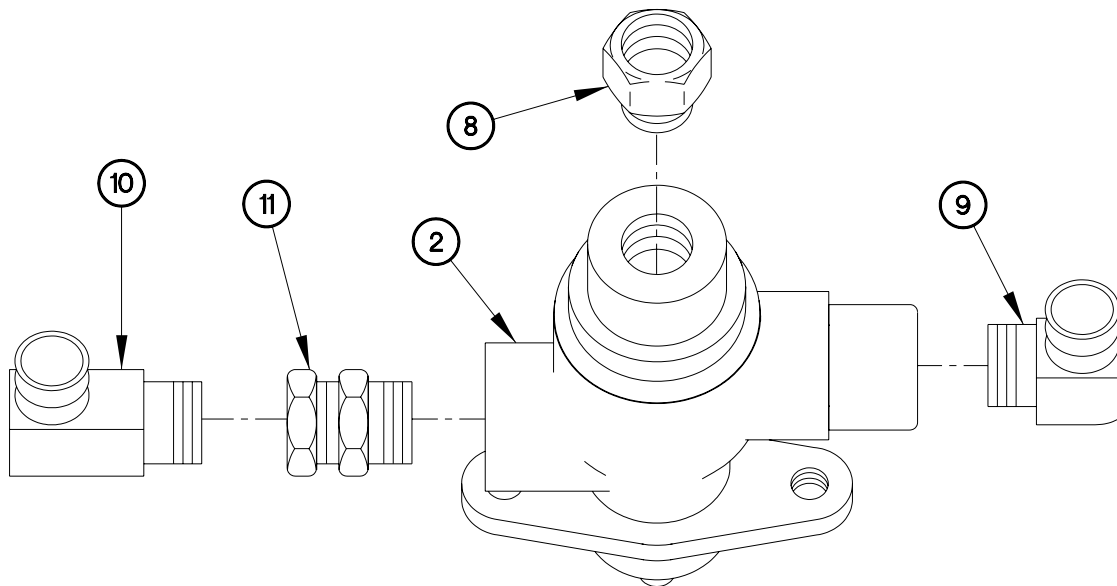


CD108R03

INSTALLATION**WARNING**

Adhesives, solvents, and sealing compounds can burn easily, can give off harmful vapors, and are harmful to skin and clothing. To avoid injury or death, keep away from open fire and use in a well-ventilated area. If adhesive, solvent, or sealing compound gets on skin or clothing, wash immediately with soap and water. Failure to comply may result in injury to personnel.

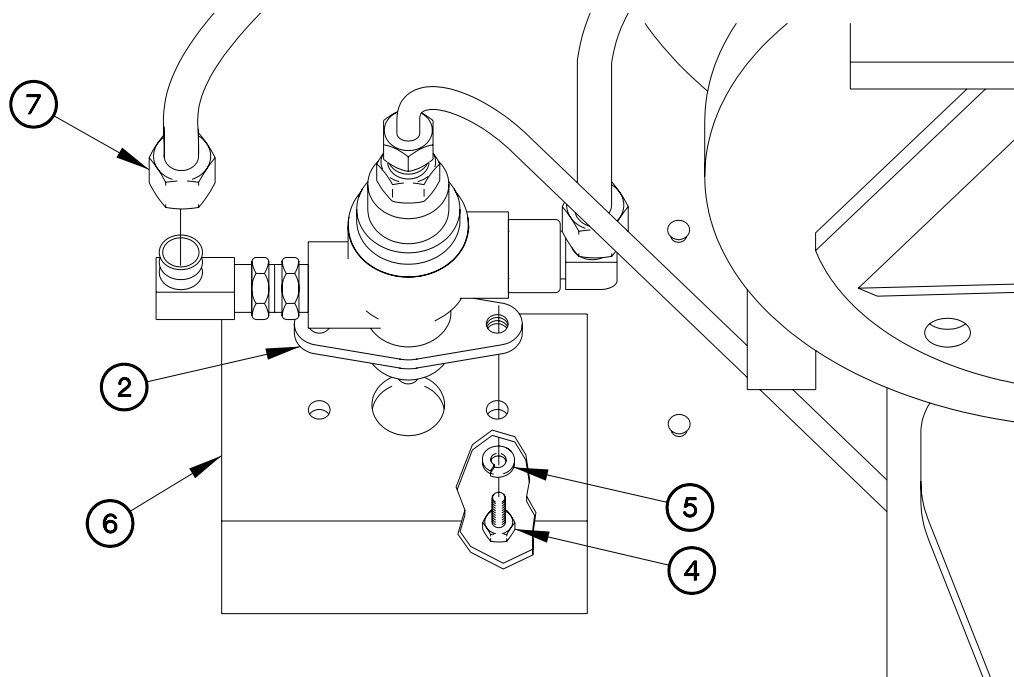
1. Apply sealing compound to threads of adapters (8 and 11) and 90-degree fittings (9 and 10).
2. Install adapter (11) and 90-degree fitting (10) in flatrack lock push/pull valve (2).
3. Install 90-degree fitting (9) and adapter (8) in flatrack lock push/pull valve (2).



CD108R03

INSTALLATION - Continued

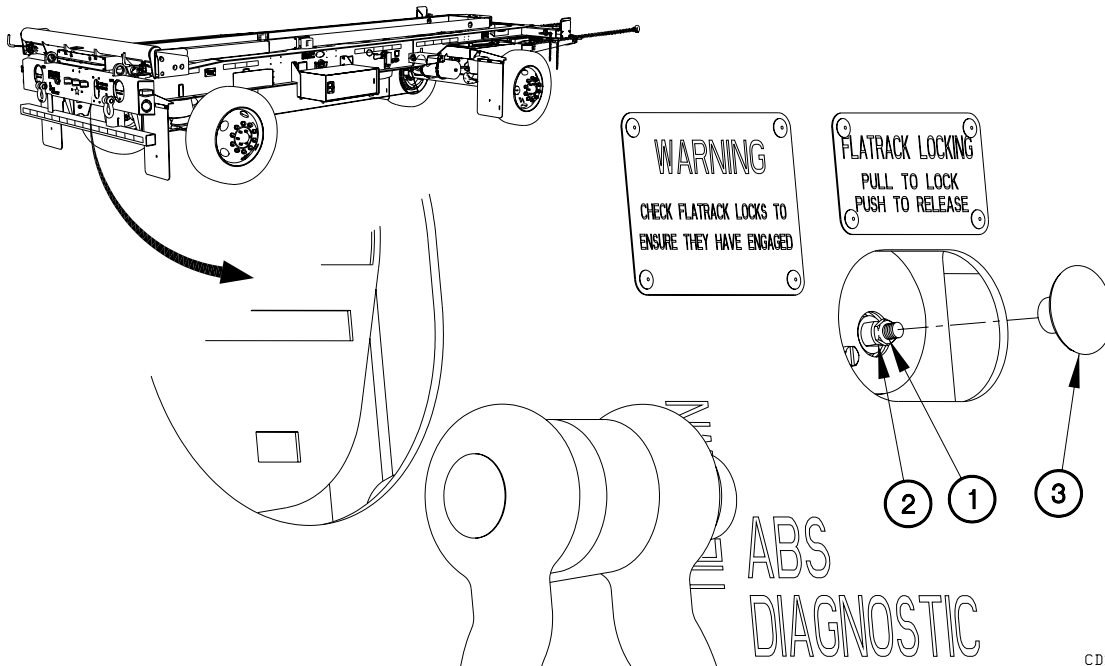
4. Connect three hoses (7) in flatrack lock push/pull valve (2).
5. Install flatrack lock push/pull valve (2) on trailer (6) with two lockwashers (5) and screws (4).



CD108R02

FLATRACK LOCK PUSH/PULL VALVE REPLACEMENT - Continued**0108 00****INSTALLATION - Continued**

6. Install knob (3) on flatrack lock push/pull valve (2).
7. Tighten nut (1) on flatrack lock push/pull valve (2).



CD108R01

OPERATIONAL CHECKS

1. Couple trailer (WP 0043 23, TM 2320-392-10-1, Coupling Trailer).
2. Check flatrack push/pull valve air hoses for leaks.
3. Check for proper operation of flatrack push/pull valve (WP 0005 00).
4. Uncouple trailer (WP 0043 24, TM 2320-392-10-1, Uncoupling Trailer).

END OF WORK PACKAGE

FOUR PORT TASK VALVE REPLACEMENT

0109 00**THIS WORK PACKAGE COVERS:**Removal, Installation

INITIAL SETUP:**Maintenance Level**

Field

Materials/PartsDispenser, Pressure Sensitive Adhesive Tape
(Item 6, WP 0165 00)

Sealing Compound (Item 15, WP 0165 00)

Washer, Lock (Item 10, WP 0168 00)

Tools and Special Tools

Goggles, Industrial (Item 8, WP 0167 00)

Tool Kit, Genl Mech (Item 22, WP 0167 00)

Vise, Machinist's (Item 25, WP 0167 00)

Wrench, Torque, 0-75 lb-in. (Item 35,
WP 0167 00)**Equipment Conditions**Trailer uncoupled (WP 0043 24, TM 2320-
392-10-1).

GENERAL

This work package contains information and instructions to replace the Load Handling System Trailer (LHST) four port task valves.

WARNING

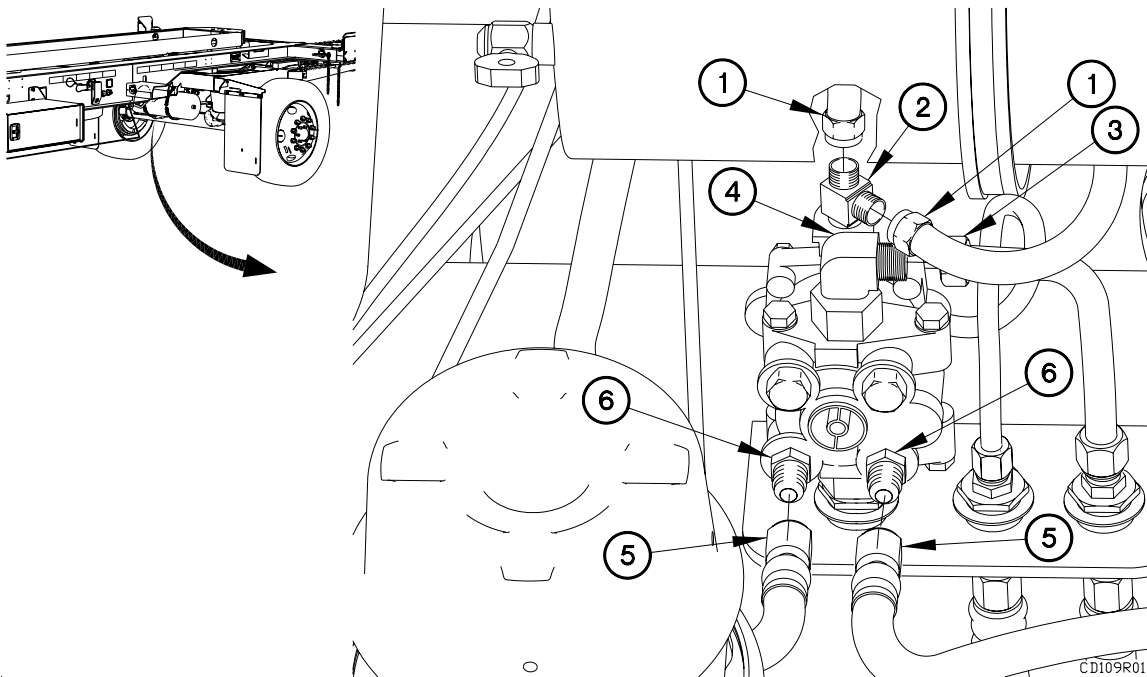
Wear appropriate eye protection when working under trailer due to the possibility of falling debris. Failure to comply may result in injury to personnel.

REMOVAL**NOTE**

Front and rear four port valve air hoses are removed the same way. Front four port valve air hoses shown.

Tag air hoses and connection points prior to disconnecting.

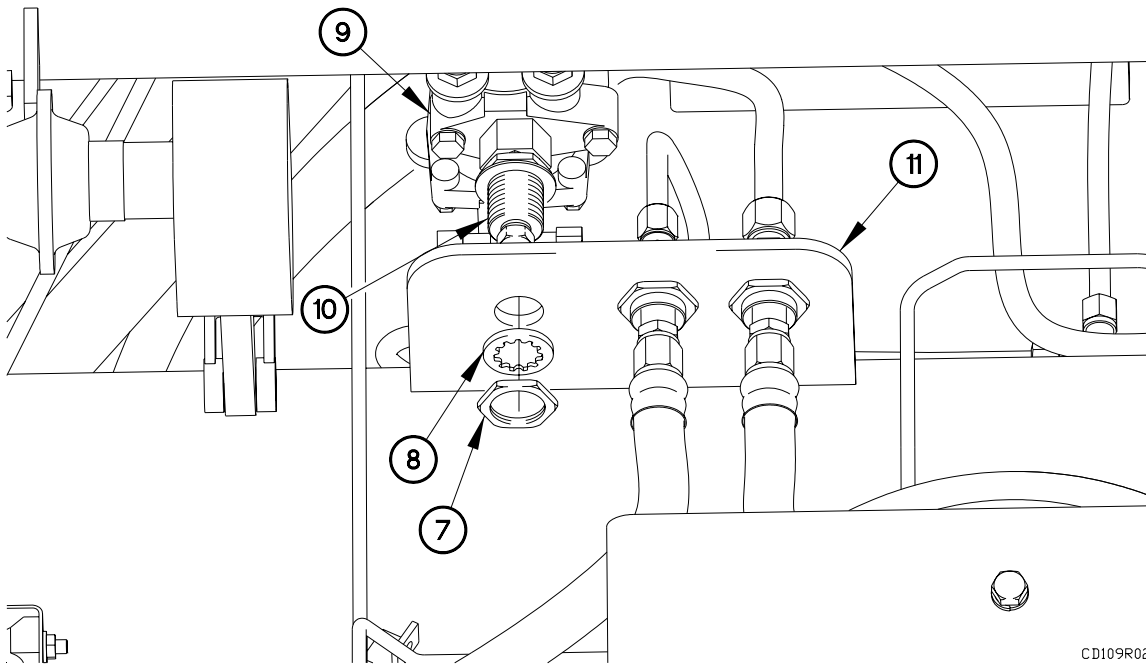
1. Drain air tanks.
2. Remove four hoses (1) from two tee-fittings (2).
3. Remove hose (3) from 90-degree fitting (4).
4. Remove two hoses (5) from fittings (6).



FOUR PORT TASK VALVE REPLACEMENT - Continued**0109 00****REMOVAL - Continued****NOTE**

Perform the following step on the front four port task valve.

5. Remove nut (7), lockwasher (8), four port task valve (9), and bulkhead fitting (10) from brake valve bracket (11).

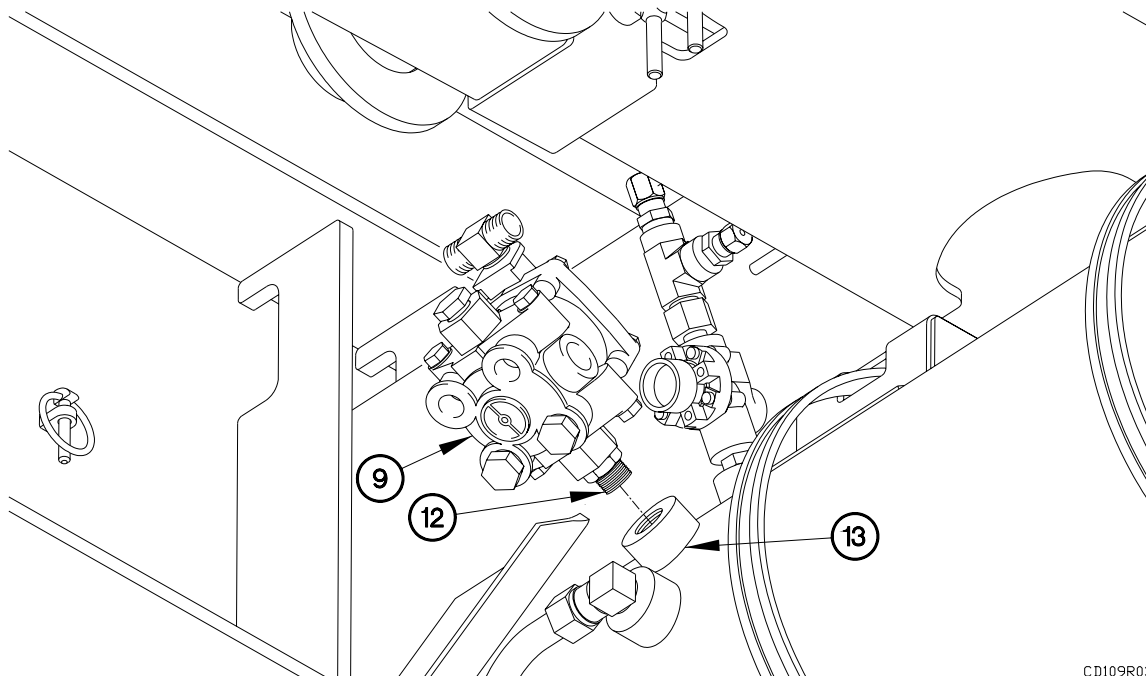


CD109R02

FOUR PORT TASK VALVE REPLACEMENT - Continued**0109 00****REMOVAL - Continued****NOTE**

Perform the following step on the rear four port task valve.

6. Remove four port task valve (9) and fitting (12) from air tank (13).

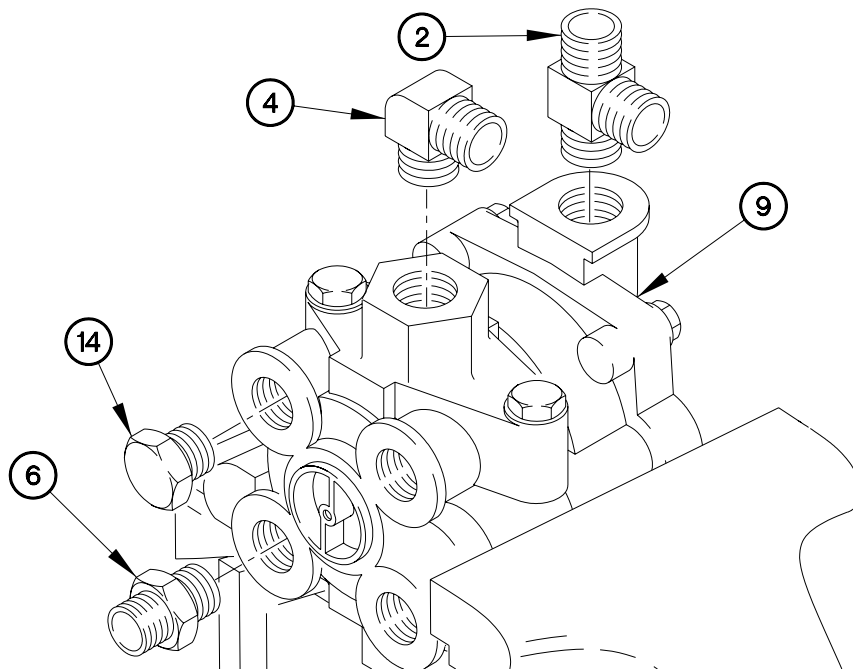


CD109R03

REMOVAL – Continued**NOTE**

Note orientation of tee fittings and 90-degree fitting prior to removal.

7. Place four port task valve in a vise.
8. Remove two tee fittings (2) from four port task valve (9).
9. Remove 90-degree fitting (4) from four port task valve (9).
10. Remove two fittings (6) from four port task valve (9).
11. Remove two plugs (14) from four port task valve (9).

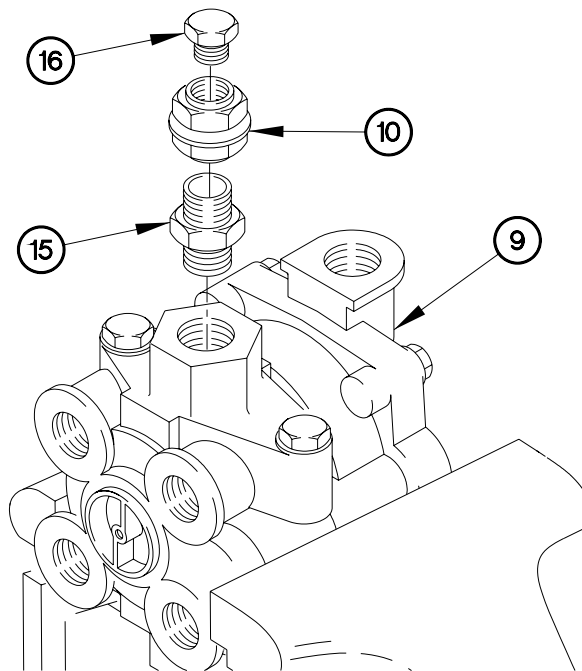


CD109R04

REMOVAL – Continued**NOTE**

Perform the following two steps on the front four port task valve.

12. Remove fitting (15) from four port task valve (9).
13. Remove bulkhead fitting (10) from fitting (15).
14. Remove plug (16) from bulkhead fitting (10).

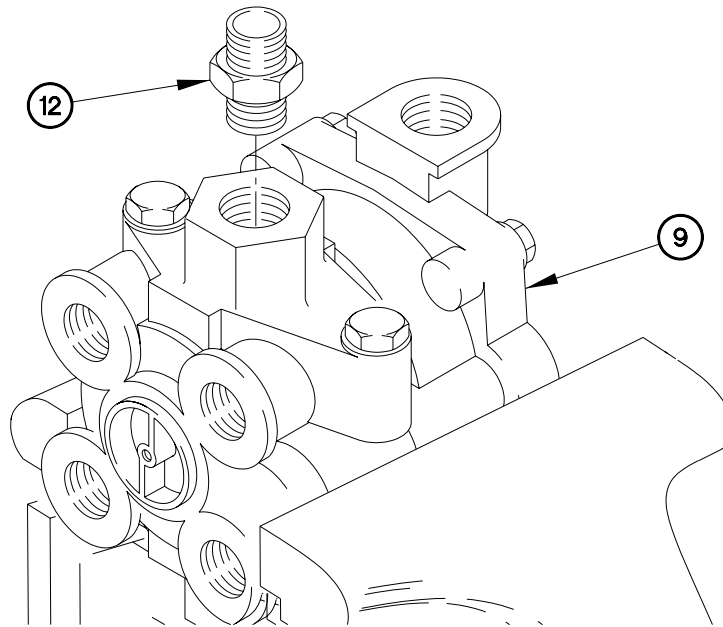


CD109R06

REMOVAL – Continued**NOTE**

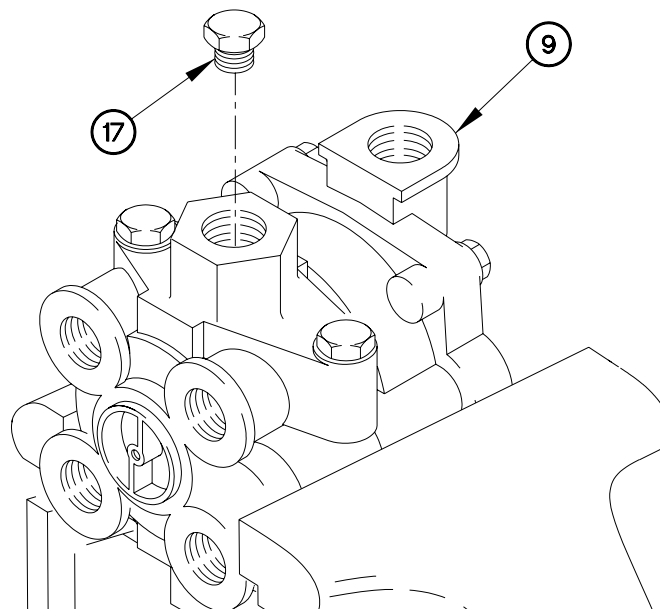
Perform the following two steps on the rear four port task valve.

15. Remove fitting (12) from four port task valve (9).



CD109R09

16. Remove plug (17) from four port task valve (9).



CD109R07

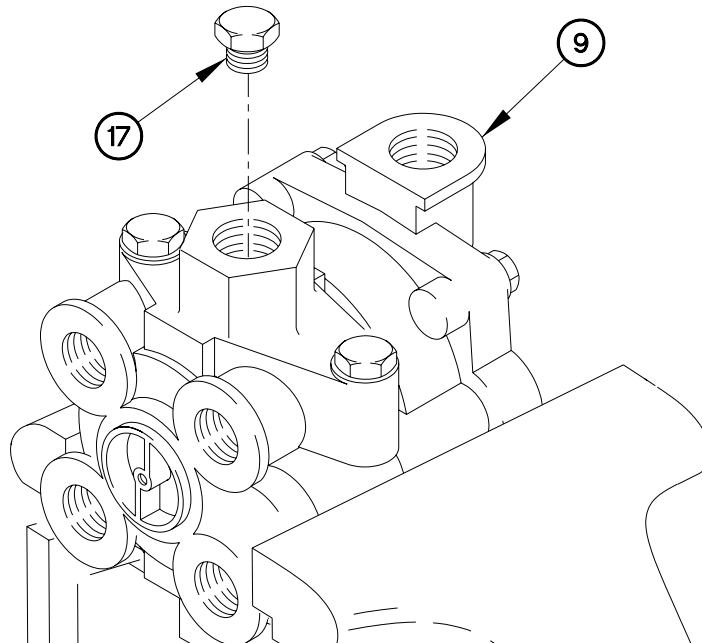
INSTALLATION**WARNING**

Adhesives, solvents, and sealing compounds can burn easily, can give off harmful vapors, and are harmful to skin and clothing. Keep away from open fire and use in well-ventilated area. If adhesive, solvent, or sealing compound gets on skin or clothing, wash immediately with soap and water. Failure to comply may result in injury to personnel.

NOTE

Perform the following three steps on the rear four port task valve.

1. Apply sealing compound to threads of plug (17).
2. Install plug (17) on four port task valve (9).

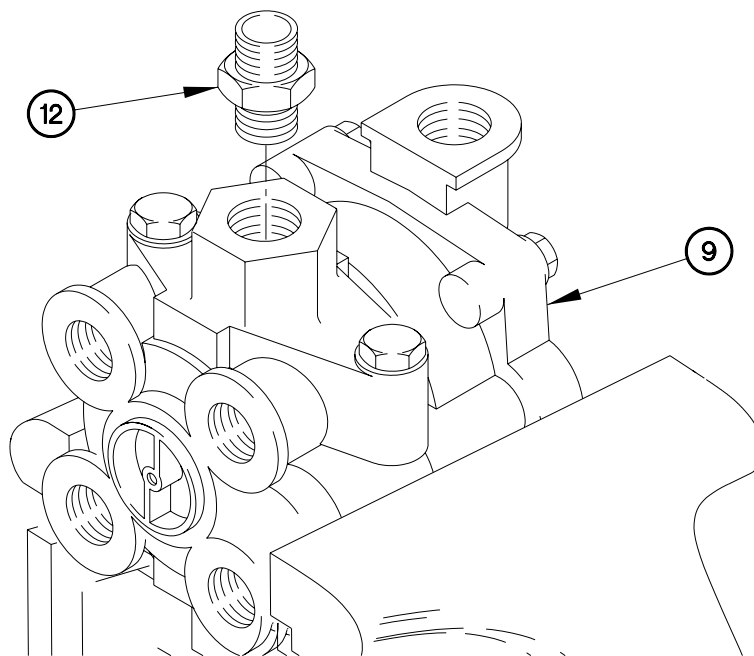


CD109R07

INSTALLATION - Continued**WARNING**

Adhesives, solvents, and sealing compounds can burn easily, can give off harmful vapors, and are harmful to skin and clothing. Keep away from open fire and use in well-ventilated area. If adhesive, solvent, or sealing compound gets on skin or clothing, wash immediately with soap and water. Failure to comply may result in injury to personnel.

3. Apply sealing compound to threads of fitting (12).
4. Install fitting (12) on four port task valve (9).



CD109R09

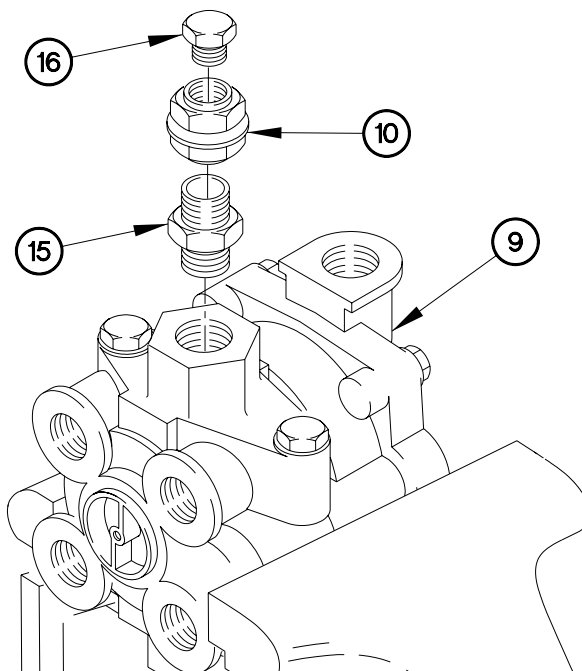
INSTALLATION - Continued**WARNING**

Adhesives, solvents, and sealing compounds can burn easily, can give off harmful vapors, and are harmful to skin and clothing. Keep away from open fire and use in well-ventilated area. If adhesive, solvent, or sealing compound gets on skin or clothing, wash immediately with soap and water. Failure to comply may result in injury to personnel.

NOTE

Perform the following three steps on the front four port task valve.

5. Apply sealing compound to threads of plug (16), fitting (15), and bulkhead fitting (10).
6. Install plug (16) on bulkhead fitting (10).
7. Install fitting (15) on bulkhead fitting (10).
8. Install fitting (15) on four port task valve (9).

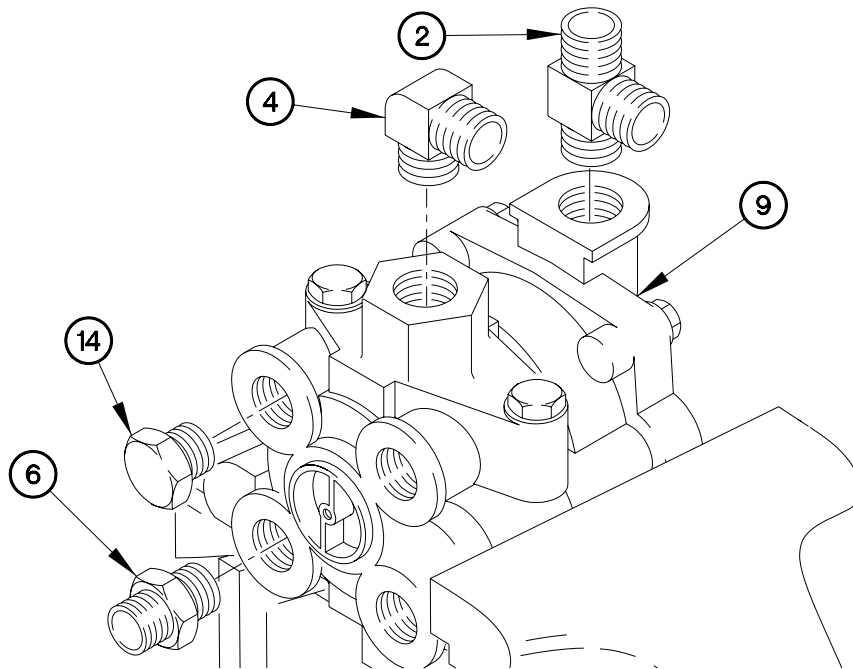


CD109R06

FOUR PORT TASK VALVE REPLACEMENT - Continued**0109 00****INSTALLATION - Continued****WARNING**

Adhesives, solvents, and sealing compounds can burn easily, can give off harmful vapors, and are harmful to skin and clothing. Keep away from open fire and use in well-ventilated area. If adhesive, solvent, or sealing compound gets on skin or clothing, wash immediately with soap and water. Failure to comply may result in injury to personnel.

9. Apply sealing compound to threads of two plugs (14), two fittings (6), 90-degree fitting (4), and two tee fittings (2).
10. Install two plugs (14), two fittings (6), 90-degree fitting (4), and two tee fittings (2) on four port task valve (9).

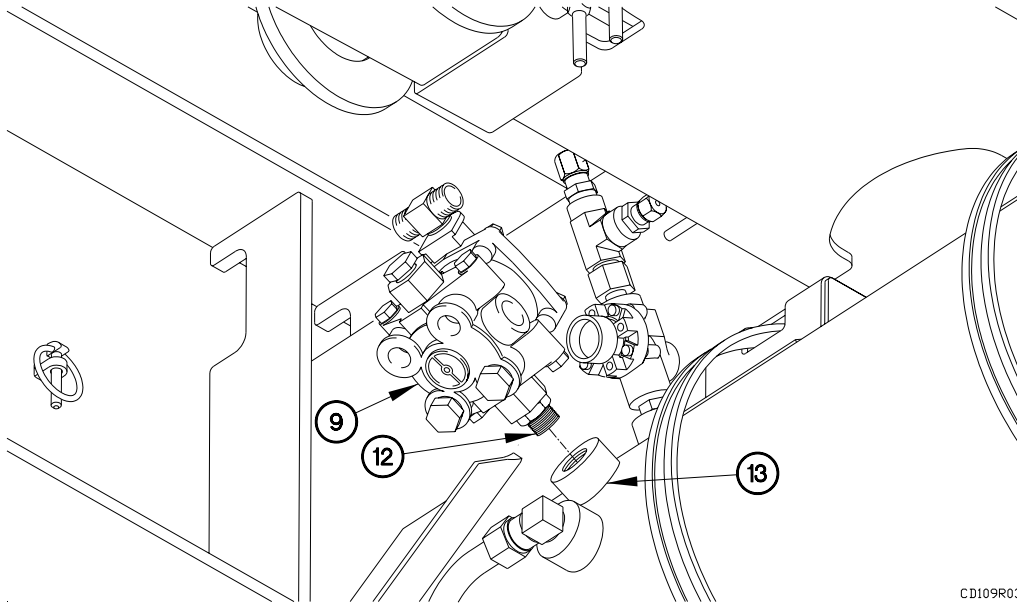


CD109R05

FOUR PORT TASK VALVE REPLACEMENT - Continued**0109 00****INSTALLATION - Continued****NOTE**

Perform the following step on the rear four port task valve.

11. Install four port task valve (9) and fitting (12) on air tank (13).

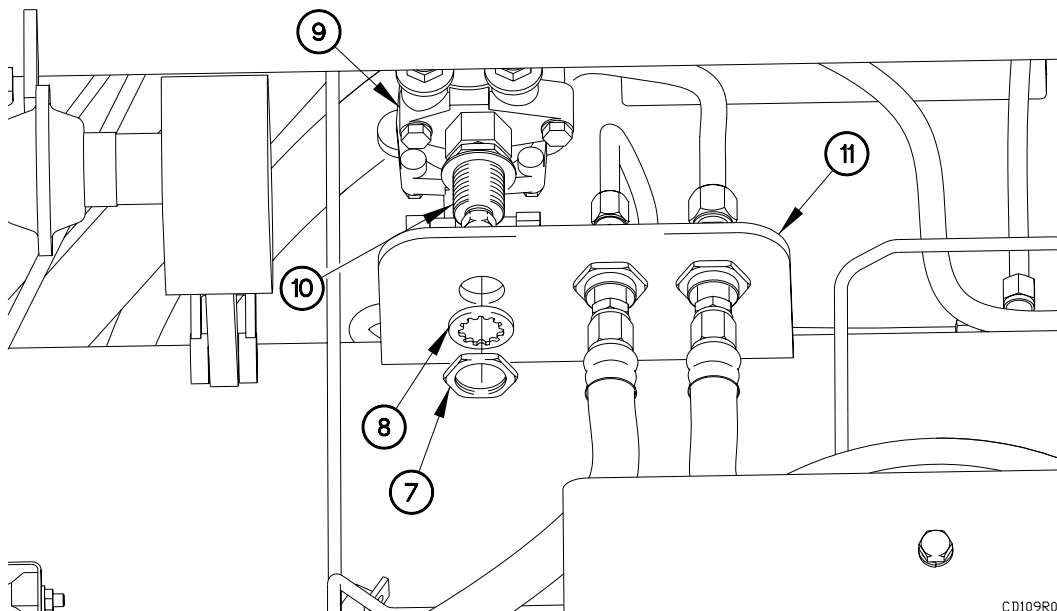


CD109R03

NOTE

Perform the following step on the front four port task valve.

12. Install bulkhead fitting (10) and four port task valve (9) on brake valve bracket (11) with lockwasher (8) and nut (7).

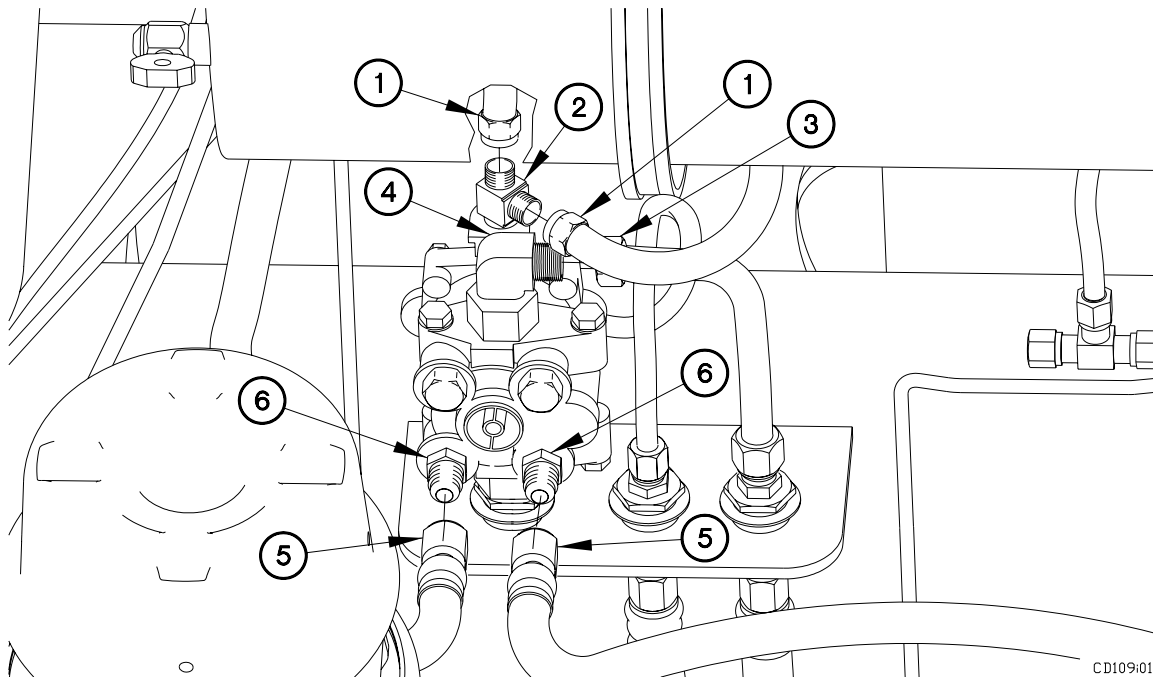


CD109R02

FOUR PORT TASK VALVE REPLACEMENT - Continued**0109 00****INSTALLATION – Continued****NOTE**

Front and rear four port valve air hoses are installed the same way. Front four port valve air hoses shown.

13. Connect two hoses (5) to fittings (6).
14. Connect hose (3) to 90-degree fitting (4).
15. Connect four hoses (1) to two tee fittings (2).

**END OF WORK PACKAGE**

HEIGHT ACTUATION VALVE REPLACEMENT

0110 00**THIS WORK PACKAGE COVERS:**Removal, Installation, Operational Checks

INITIAL SETUP:**Maintenance Level**

Field

Materials/Parts - Continued

Sealing Compound (Item 15, WP 0165 00)

Nut, Self-Locking (4) (Item 26, WP 0168 00)

Tools and Special Tools

Goggles, Industrial (Item 8, WP 0167 00)

Tool Kit, Genl Mech (Item 22, WP 0167 00)

Wrench, Torque, 0-75 lb-in. (Item 35, WP 0167 00)

Equipment Conditions

Trailer uncoupled (WP 0043 24, TM 2320-392-10-1).

Materials/PartsDispenser, Pressure Sensitive Adhesive Tape (Item 6, WP 0165 00)

GENERAL

This work package contains information and instructions to replace the Load Handling System Trailer (LHST) height actuation valve.

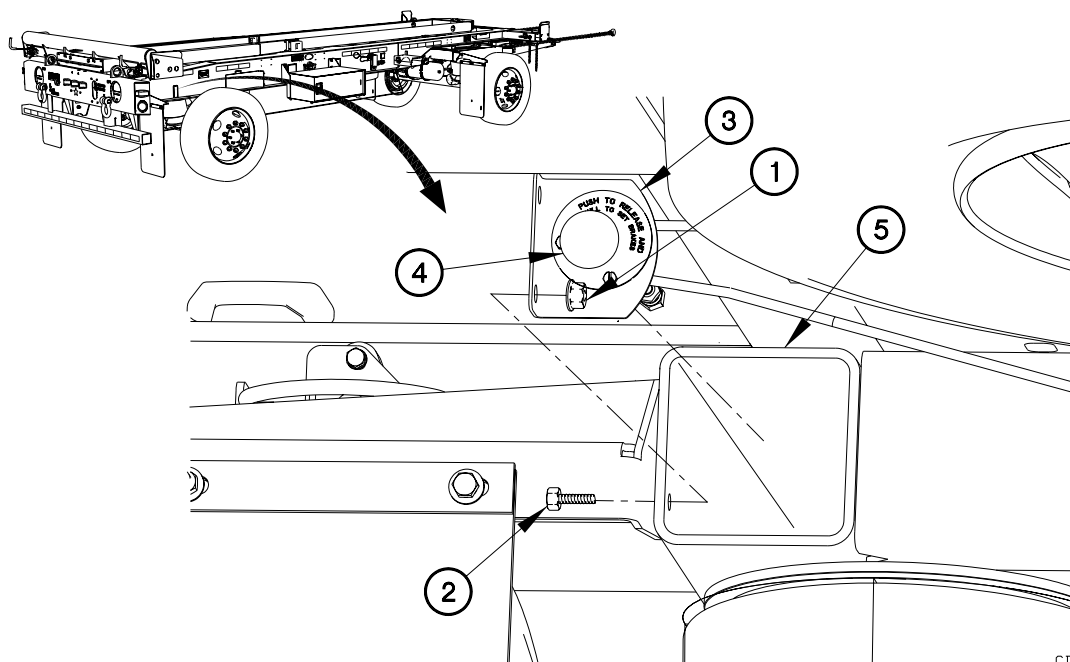
WARNING

Wear appropriate eye protection when working under trailer due to the possibility of falling debris. Failure to comply may result in injury to personnel.

Vent air system before disconnecting air hoses. Pressurized air can blow dirt and debris with sufficient force to cause injury. Safety goggles must be worn when working with compressed air. Failure to comply may result in injury to personnel.

HEIGHT ACTUATION VALVE REPLACEMENT - Continued**0110 00****REMOVAL**

1. Remove two self-locking nuts (1), bolts (2), splashguard bracket (3), and height actuation valve (4) from turntable tube (5). Discard self-locking nuts.



CD110R01

HEIGHT ACTUATION VALVE REPLACEMENT - Continued**0110 00****REMOVAL - Continued****NOTE**

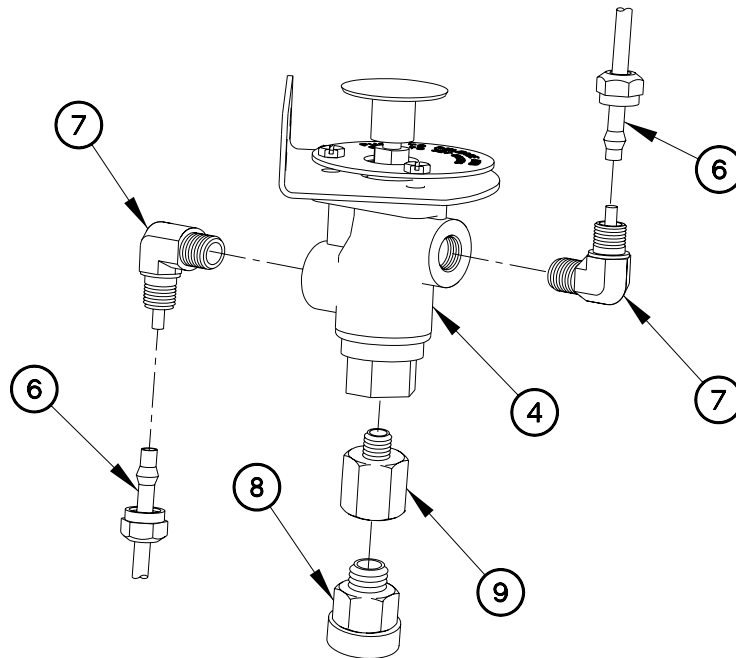
Tag air hoses and connection points prior to disconnecting.

2. Disconnect two hoses (6) from 90-degree fittings (7).

NOTE

Note orientation of fittings prior to removal.

3. Remove two 90-degree fittings (7) from height actuation valve (4).
4. Remove breather valve (8) from reducer (9).
5. Remove reducer (9) from height actuation valve (4).

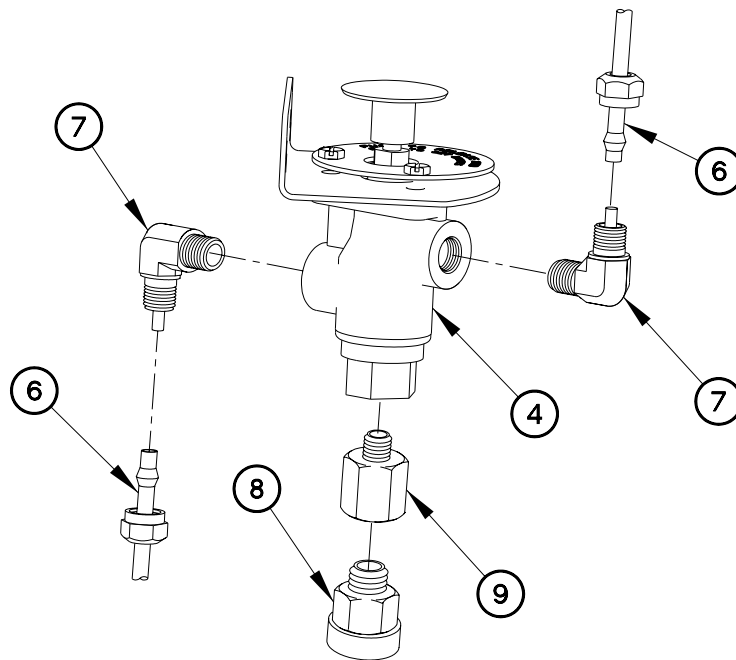


CD110R02

INSTALLATION**WARNING**

Adhesives, solvents, and sealing compounds can burn easily, can give off harmful vapors, and are harmful to skin and clothing. Keep away from open fire and use in well-ventilated area. If adhesive, solvent, or sealing compound gets on skin or clothing, wash immediately with soap and water. Failure to comply may result in injury to personnel.

1. Apply sealing compound to threads of reducer (9), breather valve (8), and two 90-degree fittings (7).
2. Install reducer (9) on height actuation valve (4).
3. Install breather valve (8) on reducer (9).
4. Install two 90-degree fittings (7) on height actuation valve (4).
5. Connect two hoses (6) to 90-degree fittings (7).



CD110R02

TM 9-2330-334-13&P

CHAPTER 5

SUPPORTING INFORMATION

REFERENCES**0111 00****SCOPE**

This appendix lists all forms, field manuals, technical manuals, and other publications referenced in this manual. Publications that should be consulted for additional information about vehicle operations are also listed.

PUBLICATIONS INDEX

The following index should be consulted frequently for latest changes or revisions and for new publications relating to material covered in this technical manual.

Consolidated Index of Army Publications and Blank Forms..... DA PAM 25-30

FORMS

The following forms pertain to this manual. See DA PAM 25-30 for index of blank forms. See DA PAM 738-750, The Army Maintenance Management System (TAMMS), for instructions on the use of maintenance forms pertaining to this material.

Recommended Changes to DA Publications and Blank Forms..... DA FORM 2028
 Equipment Inspection and Maintenance Worksheet DA FORM 2404
 Maintenance Request..... DA FORM 2407
 Equipment Control Record..... DA FORM 2408-9
 Processing and Deprocessing Record of Shipping, Storage, and Issue of Vehicles and
 Packaging Improvement Report..... DD FORM 6
 Report of Item Discrepancy (ROID) SF 364
 Product Quality Deficiency Report SF 368

OTHER PUBLICATIONS

The following publications contain information pertinent to the LHST and associated equipment.

Safety

Security of Tactical Wheeled Vehicles..... TB 9-2300-422-20

MTV

Operator's Manual for M1083A1 Series, 5-Ton, 6x6, Medium Tactical Vehicle (MTV)..... TM 9-2320-392-10
 Operator's, Organizational, Direct Support and General Support Maintenance Manual TM9-4910-687-14&P

REFERENCES**0111 00****OTHER PUBLICATIONS - Continued****General Maintenance and Repair**

Corrosion Prevention and Control Including Rustproofing Procedures for
Tactical Vehicles and Trailers..... TB 43-0213
Rigging FM 5-725
Materials Used for Cleaning, Preserving, Abrading, and Cementing Ordnance Materiel
and Related Materials Including Chemicals TM 9-247
Camouflage Pattern Painting FM 5-20
Metal Body Repair and Related Operations FM 43-2
Description, Use, Bonding Techniques, and Properties of Adhesives TB ORD 1032
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Standard Characteristics (Dimensions, Weight, and Cube) for Transportability of Military Vehicles and Other Outsize/Overweight Equipment (in TOE Line Sequence)	TB 55-46-1
Tiedown Handbook for Rail Movements	MTMCTEA PAM 55-19
Tiedown Handbook for Truck Movements.....	MTMCTEA Ref 92-55-20
Marine Lifting and Lashing Handbook.....	MTMCTEA Ref 95-55-22
Containerization of Military Vehicles	MTMCTEA Ref 95-55-23

INTRODUCTION**0112 00****SCOPE**

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, diagnostic equipment (TMDE); and other special support equipment required for performance of field level maintenance for the Load Handling System Trailer (LHST). It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

GENERAL

In addition to the Introduction work package, this RPSTL is divided into the following work packages.

1. Repair Parts List Work Packages. Work packages containing lists of spare parts authorized by the RPSTL for use in the performance of maintenance. These work packages also include parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence.
2. Cross-Reference Index Work Packages. There are two cross-reference indexes work packages in this RPSTL. The National Stock Number (NSN) Index and the Part Number (P/N) Index work packages. The National Stock Number Index work package refers you to the figure and item number. The Part Number Index work package refers you to the figure and item number.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

SMR CODE (Column (2)). The SMR code containing supply/requisitioning information, maintenance level authorization criteria, and disposition instruction, as shown in the following breakout:

<u>Source Code</u>	<u>Maintenance Code</u>	<u>Recoverability Code</u>
<u>xx</u>	<u>xx</u>	<u>x</u>
1st two positions: How to get an item.	3rd position: Who can install, replace, or use the item.	4th position: Who can do complete repair* on the item.
		5th position: Who determines disposition action on unserviceable items.

*Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

INTRODUCTION - Continued**0112 00****EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES - Continued**

ITEM NO. (Column (1)). Indicates the number used to identify items called out in the illustration.

Source Code. The source code tells you how you get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanation of source codes follows:

Source Code**Application/Explanation**

PA
PB
PC
PD
PE
PF
PG

Stocked items; use the applicable NSN to requisition/request items with these source codes. They are authorized to the level indicated by the code entered in the 3rd position of the SMR code.

NOTE

Items coded PC are subject to deterioration.

KD
KF
KB

Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance level indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.

MO-Made at Field/
AVUM level
MF-Made at Field/
AVIM level
MH-Made at Sustainment
level
ML-Made at SRA
MD-Made at depot

Items with these codes are not to be requisitioned/requested individually. They must be made from bulk material which is identified by the P/N in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the Bulk Material group work package of the RPSTL. If the item is authorized to you by the 3rd position of the SMR code, but the source code indicates it is made at higher level, order the item from the higher level of maintenance.

INTRODUCTION - Continued**0112 00****EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES - Continued****Source Code****Application/Explanation**

AO-Assembled by
Field/AVUM level
AF-Assembled by
Field/AVIM level
AH-Assembled by
Sustainment level
AL-Assembled by
SRA
AD-Assembled by
depot

Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3rd position of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.

XA

Do not requisition an "XA"-coded item. Order its next higher assembly. (Refer to NOTE below.)

XB

If an item is not available from salvage, order it using the CAGEC and P/N.

XC

Installation drawings, diagrams, instruction sheets, field service drawings; identified by manufacturer's P/N.

XD

Item is not stocked. Order an XD-coded item through normal supply channels using the CAGEC and P/N given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those items source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

INTRODUCTION - Continued**0112 00****EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES - Continued**

Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

Third Position. The maintenance code entered in the third position tells the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following levels of maintenance:

**Maintenance
Code****Application/Explanation**

- C - Crew or operator maintenance done within field level/AVUM maintenance.
- O - Field level/AVUM maintenance can remove, replace, and use the item.
- F - Sustainment Level/AVIM maintenance can remove, replace, and use the item.
- H - Sustainment Level maintenance can remove, replace, and use the item.
- L - Specialized repair activity can remove, replace and use the item.
- D - Depot can remove, replace, and use the item.

Fourth Position. The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (perform all authorized repair functions).

NOTE

Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

**Maintenance
Code****Application/Explanation**

- O - Field/AVUM is the lowest level that can do complete repair of the item.
- F - Sustainment Level/AVIM is the lowest level that can do complete repair of the item.
- H - Sustainment Level is the lowest level that can do complete repair of the item.
- L - Specialized repair activity is the lowest level that can do complete repair of the item.
- D - Depot is the lowest level that can do complete repair of the item.
- Z - Nonreparable. No repair is authorized.

INTRODUCTION - Continued**0112 00****EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES - Continued****Maintenance
Code****Application/Explanation**

- B - No repair is authorized. No parts or special tools are authorized for the maintenance of "B" coded item. However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

Recoverability Code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR Code as follows:

**Recoverability
Code****Application/Explanation**

- Z - Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR Code.
- O - Repairable item. When uneconomically repairable, condemn and dispose of the item at the field level.
- F - Repairable item. When uneconomically repairable, condemn and dispose of the item at the Sustainment level.
- H - Repairable item. When uneconomically repairable, condemn and dispose of the item at the Sustainment level.
- D - Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
- L - Repairable item. Condemnation and disposal not authorized below Specialized Repair Activity (SRA).
- A - Item requires special handling or condemnation procedures because of specific reasons (such as precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

NSN (Column (3)). The NSN for the item is listed in this column.

CAGEC (Column (4)). The Commercial and Government Entity Code (CAGEC) is a five-digit code which is used to identify the manufacturer, distributor, or Government agency/activity, that supplies the item.

INTRODUCTION - Continued**0112 00****EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES - Continued**

PART NUMBER (Column (5)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

NOTE

When you use an NSN to requisition an item, the item received may have a different P/N from the number listed.

DESCRIPTION AND USABLE ON CODE (UOC) (Column (6)). This column includes the following information:

1. The Federal item name, and when required, a minimum description to identify the item.
2. P/Ns of bulk materials are referenced in this column in the line item to be manufactured or fabricated.
3. Hardness Critical Item (HCI). A support item that provides the equipment with special protection from electromagnetic pulse (EMP) damage during a nuclear attack.
4. The statement "END OF FIGURE" appears just below the last item description in Column (6) for a given figure in both the repair parts list and special tools list work packages.

QTY (Column (7)). The QTY (quantity per figure) column indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column instead of a quantity indicates that the quantity is variable and quantity may change from application to application.

EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS

1. National Stock Number (NSN) Index Work Package.

STOCK NUMBER Column. This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN

 (e.g., 5305-01-674-1467).
 NIIN

When using this column to locate an item, ignore the first four digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts list and special tools list work packages.

ITEM Column. The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

INTRODUCTION - Continued**0112 00****EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS - Continued**

2. Part Number (PN) Index Work Package. P/Ns in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combinations which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

PART NUMBER Column. Indicates the P/N assigned to the item.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tools list work packages.

ITEM Column. The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

SPECIAL INFORMATION

UOC. The UOC appears in the lower left corner of the Description Column heading. Usable on codes are shown as "UOC: . . ." in the Description Column (justified left) on the first line under the applicable item/nomenclature. Uncoded items are applicable to all models. Identification of UOC's used in the RPSTL are:

Code**Used On****Trailer, Load Handling System****MTB**

Fabrication Instructions. Bulk materials required to manufacture items are listed in the bulk material functional group of this RPSTL. Part numbers for bulk materials are also referenced in the Description Column of the line item entry for the item to be manufactured/fabricated.

Index Numbers. Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the NSN/P/N index work packages and the bulk material list in the repair parts list work package.

INTRODUCTION - Continued**0112 00****HOW TO LOCATE REPAIR PARTS****1. When NSNs or P/Ns Are Not Known.**

First. Using the table of contents, determine the assembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and lists are divided into the same groups.

Second. Find the figure covering the functional group or the subfunctional group to which the item belongs.

Third. Identify the item on the figure and note the number(s).

Fourth. Look in the repair parts list work packages for the figure and item numbers. The NSNs and part numbers are on the same line as the associated item numbers.

When NSN Is Known.

First. If you have the NSN, look in the STOCK NUMBER column of the NSN index work package. The NSN is arranged in NIIN sequence. Note the figure and item number next to the NSN.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

When P/N Is Known.

First. If you have the P/N and not the NSN, look in the PART NUMBER column of the P/N index work package. Identify the figure and item number.

Second. Look up the item on the figure in the applicable repair parts list work package.

ABBREVIATIONSAbbreviationExplanation

ABS

Anti-Lock Braking System

ECU

Electronic Control Unit

END OF WORK PACKAGE

MAINTENANCE ALLOCATION CHART (MAC)

0113 00**INTRODUCTION****The Army Maintenance System MAC**

This introduction provides a general explanation of all maintenance and repair functions authorized at the two maintenance levels under the Two-Level Maintenance System concept.

This MAC designates overall authority and responsibility for the performance of maintenance functions on the identified end item or component. The application of the maintenance functions to the end item or component shall be consistent with the capacities and capabilities of the designated maintenance level, which are shown on the MAC in column (4) as:

Field — includes two columns, Unit Maintenance and Direct Support maintenance. The Unit maintenance column is divided again into two more subcolumns, C for Operator or Crew and O for Unit maintenance.

Sustainment — includes two subcolumns, General Support (H) and Depot (D).

The tools and test equipment requirements list the tools and test equipment (both special tools and common tool sets) required for each maintenance function as referenced from the MAC.

The remarks contain supplemental instructions and explanatory notes for a particular maintenance function.

Maintenance Functions

Maintenance functions are limited to and defined as follows:

1. Inspect. To determine the serviceability of an item by comparing its physical, mechanical, and/or electrical characteristics with established standards through examination (e.g. by sight, sound, or feel). This includes scheduled inspection and gagings and evaluation of common tubes.
2. Test. To verify serviceability by measuring the mechanical, pneumatic, hydraulic, or electrical characteristics of an item and comparing those characteristics with prescribed standards on a scheduled basis; i.e., load testing of lift devices and hydrostatic testing of pressure hoses.
3. Service. Operations required periodically to keep an item in proper operating condition, e.g. to clean (includes decontaminate, when required), to preserve, to drain, to paint, or to replenish fuel, lubricants, chemical fluids, or gases. This includes scheduled exercising and purging of recoil mechanisms. The following are examples of service functions:
 - a. Unpack. To remove from packing box for service or when required for the performance of maintenance operations.
 - b. Repack. To return item to packing box after service and or maintenance operation.
 - c. Clean. To rid the item of contamination.
 - d. Touch up. To spot paint scratched or blistered surfaces.
 - e. Mark. To restore obliterated identifications.

MAINTENANCE ALLOCATION CHART (MAC) - CONTINUED**0113 00****Maintenance Functions – Continued**

4. Adjust. To maintain or regulate, within prescribed limits, by bringing into proper position, or by setting the operating characteristics to specified parameters.
5. Align. To adjust specified variable elements of an item to bring about optimum or desired performance.
6. Calibrate. To determine and cause corrections to be made or to be adjusted on instruments of Test, Measurement, and Diagnostic Equipment (TMDE) used in precision measurement. Consists of comparison of two instruments, one of which is a certified standard of known accuracy, to detect and adjust any discrepancy in the accuracy of the instrument being compared.
7. Remove/Install. To remove and install the same item when required to perform service or other maintenance functions. Install may be the act of emplacing, seating, or fixing into position a spare, repair part, or module (component or assembly) in a manner to allow the proper functioning of an equipment or system.
8. Paint. To prepare and spray color coats of paint so that the ammunition can be identified and protected. The color indication primary use is applied, preferably, to the entire exterior surface as the background color of the item. Other markings are to be repainted as original so as to retain proper ammunition identification.
9. Replace. To remove an unserviceable item and install a serviceable counterpart in its place. "Replace " is authorized by the MAC and assigned maintenance level is shown as the third position code of the Source, Maintenance and Recoverability (SMR) code.

MAINTENANCE ALLOCATION CHART (MAC) - CONTINUED**0113 00****MAINTENANCE ALLOCATION CHART****Table 1. MAC FOR LHST**

(1) Group Number	(2) Component/ Assembly	(3) Maintenance Function	(4) Maintenance Level					(5) Tools and Equipment Ref Code	(6) Remarks Code
			Field			Sustainment			
			Unit		Direct Support	General Support	Depot		
			C	O	F	H	D		
0608	Circuit Breaker and Module	Replace		0.50				1	B
060801	Voltage Converter Box	Replace		2.00				1,3	A,B
060802	Junction Box	Replace		1.10				1,3	A,B
0609	Composite Taillight	Replace		0.25				1,3	A,B
060901	Marker Light 24VDC	Replace		0.40				1,3 1	A,B
0613	Intervehicular Cable	Replace		0.50					B
061301	Right Rear Electrical Harness	Replace		1.00				1	B
061302	Left Rear Electrical Harness	Replace		1.00				1	B
061303	Rear Electrical Harness	Replace		0.50				1	B
061304	Main Electrical Harness	Replace		2.80				1,3	A,B
1000	Axle Assembly	Replace		2.00				1,3	
1202	Brakes	Replace		1.00				1,3	A,B
		Adjust		0.50				1	B
1208	Pressure Relief Valve	Replace		0.50				1	B
120801	ABS Wheel Speed Sensor	Replace		0.20				1,3	A,B
120802	ABS ECU Valve	Replace		0.90				1,3	A,B
120803	ABS Relay Harness	Replace		0.90				1,3	A,B

MAINTENANCE ALLOCATION CHART (MAC) - CONTINUED**0113 00****MAINTENANCE ALLOCATION CHART - Continued****Table 1. MAC FOR LHST**

(1) Group Number	(2) Component/ Assembly	(3) Maintenance Function	(4) Maintenance Level					(5) Tools and Equipment Ref Code	(6) Remarks Code
			Field			Sustainment			
			Unit		Direct Support	General Support	Depot		
			C	O	F	H	D		
120804	ABS Control Sensor Extension Cable	Replace		0.90				1	B
120805	Diagnostic Cable	Replace		0.25				1	B
120806	Brake Protection Valve	Replace		0.40				1	B
120807	Air Brake Arm	Replace		1.50				1	B
120808	ABS Diagnostic Light	Replace		0.50				1,3	A,B
120809	Air Reserve Tank	Replace		1.25				1	B
120810	Air Ride Control Valve	Replace		0.75				1,3	A,B
120811	Air Brake Chamber	Replace		0.50				1	B
120812	Breather Valve	Replace		0.75				1,3	A,B
120813	Height Control Valve	Replace		0.62				1,3	A,B
120814	Drawbar Lift Valve	Replace		0.50				1,3	A,B
120815	Air Bladder	Replace		0.50				1,3	A,B
120816	Flatrack Lock Valve	Replace		0.50				1	B
120817	Four Port Task Valve	Replace		0.50				1,3	A,B
120818	Height Actuation Valve	Replace		0.50				1,3	A,B

MAINTENANCE ALLOCATION CHART (MAC) - CONTINUED**0113 00****MAINTENANCE ALLOCATION CHART - Continued****Table 1. MAC FOR LHST**

(1) Group Number	(2) Component/ Assembly	(3) Maintenance Function	(4) Maintenance Level					(5) Tools and Equipment Ref Code	(6) Remarks Code
			Field			Sustainment			
			Unit		Direct Support	General Support	Depot		
			C	O	F	H	D		
1211	Gladhands	Replace		0.50	16.0			1	B
1301	Suspension Assembly	Replace		3.00				1	B
1311	Wheel End	Replace		1.00				1,2,3	A,B
1501	Frame Rail	Replace						1,3	A,B
150101	Twist Lock Assembly	Replace		0.50				1	B
150102	Flatrack Rail	Replace		1.00				1,3	A,B
150103	Safety Chain	Replace		0.10				1	B
150104	Shuttle and Guide	Replace		1.00				1,3,4	A,B
150505	Shuttle Twist Lock	Replace		1.00				1,3	A,B
150106	Bump Stop	Replace		0.25				1,3	A,B
150107	Flatrack Air Chamber and Lock	Replace		0.50				1,3	A,B
1503	Drawbar	Replace		2.00				1,3,4	A,B
150301	Drawbar Eye	Replace		0.50				1,3	A,B
1601	Shock Absorber	Replace		0.75				1,3	A,B
1802	Splashguard	Replace		0.25				1,3	A,B
1808	Toolbox	Replace		0.32				1,3	A,B
1810	Tiedown Ring	Replace		0.50				1	B
1904	Turntable	Replace		2.50				1,3,4	A,B
2001	Tire Carrier	Replace		0.30				1,3	A,B
200101	Rail Lift Jack	Replace		0.6				1,3	A,B
200102	Tire Carrier Winch	Replace		0.50				1,3	A,B

MAINTENANCE ALLOCATION CHART (MAC) - CONTINUED**0113 00****MAINTENANCE ALLOCATION CHART – Continued****Table 1. MAC FOR LHST**

(1) Group Number	(2) Component/ Assembly	(3) Maintenance Function	(4) Maintenance Level					(5) Tools and Equipment Ref Code	(6) Remarks Code
			Field			Sustainment			
			Unit		Direct Support	General Support	Depot		
			C	O	F	H	D		
2202	Reflectors Overload Indicator	Replace		0.10				1,3	A,B
4706		Replace		0.50				1,3	A,B

Table 2 Tools and Test Equipment for LHST

Tool/Test Equipment	Maintenance Level	Nomenclature	National Stock Number	Tool Number
1	F/O	Tool Kit, General Mechanics	5180-01-454-3787	5180-95-B47
2	F/O	3 13/16 Socket		1927 (45225)
3	F/O	Shop Equipment, Automotive Vehicle	4910-01-490-6453	4910-95-A81
4	F/O	Sling, Cargo	1670-00-823-5043	CTA 50-970
5	F/O	Sling, Multileg	3940-00-777-5743	A170

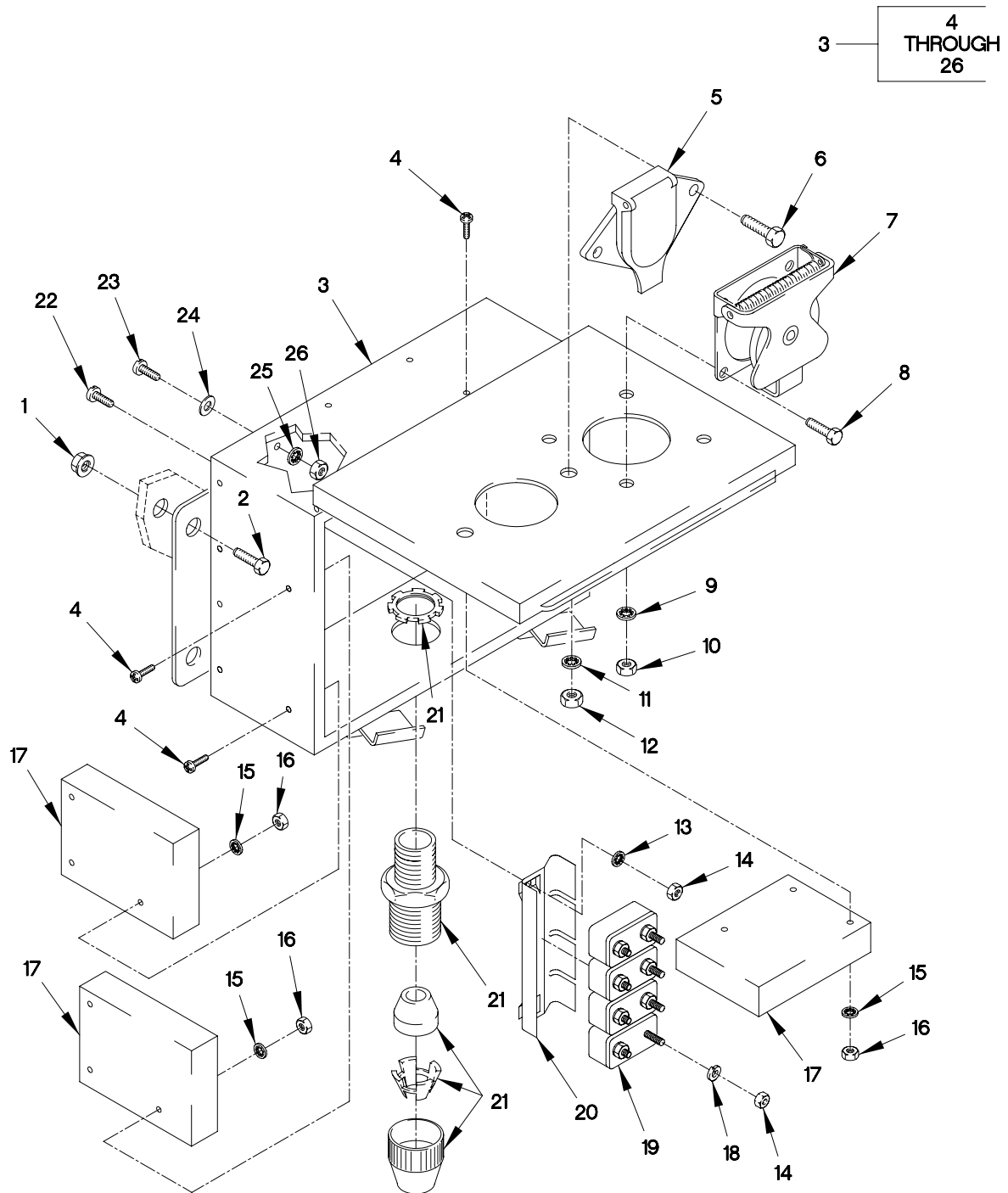
Table 3 Remarks for LHST Tool Sets

Remarks Code	Remarks
A	2 Level Shop Set 4910-95-A81 replaces 3 Level Maintenance Shop Sets 4910-95-A72, 4910-95-A73, and 4910-94-A74.
B	2 Level Genl Mech Tool Kit SC5180-95-B47 replaces 3 Level Genl Mech Tool Kit SC 5180-90-CL-N26

END OF WORK PACKAGE

GROUP 0608 VOLTAGE CONVERTER

0114 00

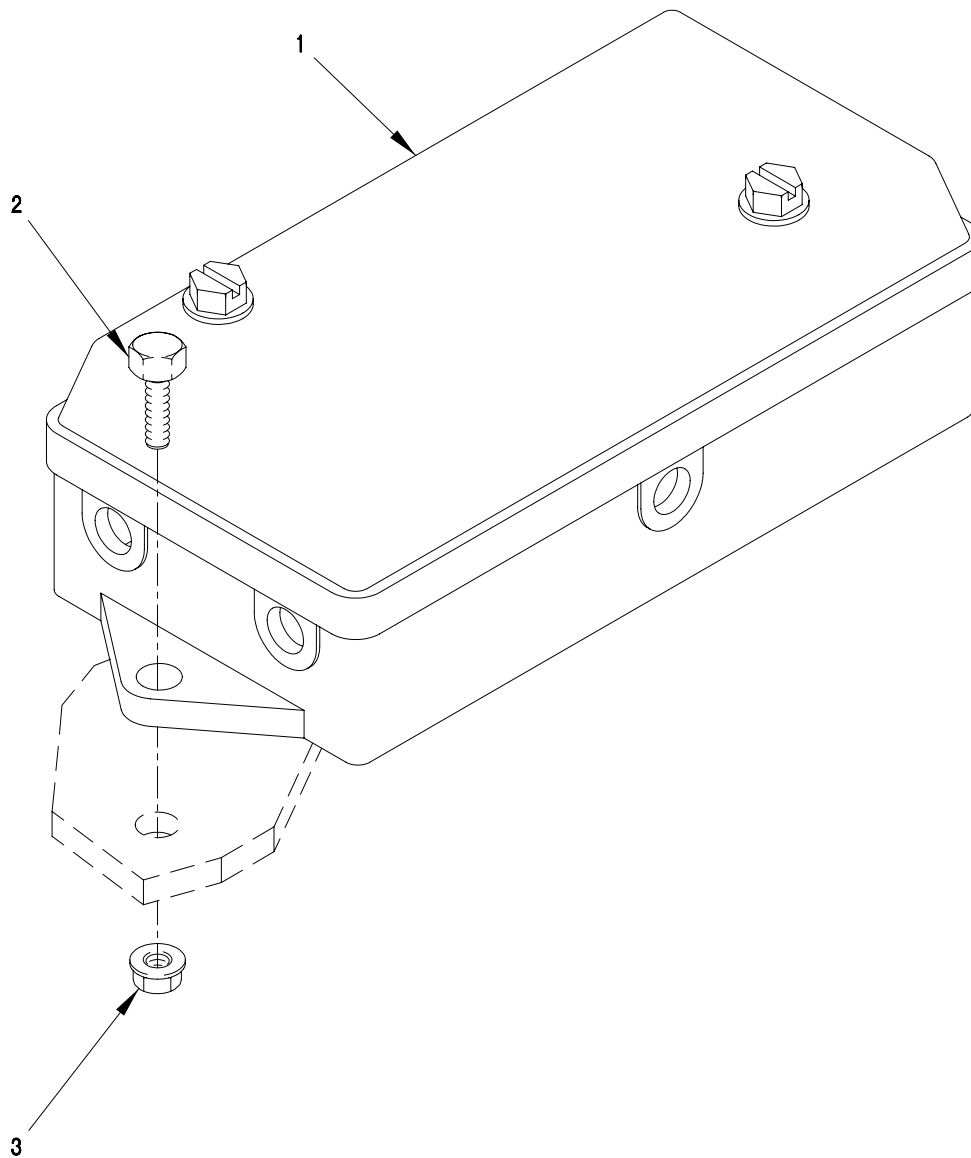


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**Figure 1. Group 0608 VOLTAGE CONVERTER
0114 00-1 Blank/2**

GROUP 0608 VOLTAGE CONVERTER – Continued**0114 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	5310-00-088-1251	81349	M45913/1-4CG5C	NUT,SELF-LOCKING,HE	6
2	PAOZZ	5305-01-540-1515	80204	S210NA38CAD14	SCREW,HEX,CAP	2
3	PAOOO		19207	12442971-001	VOLTAGE CONVERTER B	1
4	PAOZZ	5305-00-984-4980	96906	MS35206-223	.SCREW,MACHINE	15
5	PAOZZ	5935-00-856-3513	81343	SAEJ560	.CONNECTOR,PLUG,ELEC	1
6	PAOZZ	5306-00-226-4825	80204	B1821BH031C075	.BOLT,MACHINE	2
7	PAOZZ	5935-00-846-3884	96906	MS75021-2	.CONNECTOR,RECEPTACL	1
8	PAOZZ	5305-00-068-0502	80205	MS90725-6	.SCREW,CAP,HEXAGON H	4
9	PAOZZ	5310-00-550-1130	80205	MS35333-40	.WASHER,LOCK	4
10	PAOZZ	5310-00-761-6882	96906	MS51967-2	.NUT,PLAIN,HEXAGON	4
11	PAOZZ	5310-00-167-0721	96906	MS35333-41	.WASHER,LOCK	2
12	PAOZZ	5310-00-880-7744	96906	MS51967-5	.NUT,PLAIN,HEXAGON	2
13	PAOZZ		96906	MS35333-38	.WASHER,LOCK	4
14	PAOZZ	5310-00-934-9757	80205	MS35649-282	.NUT,PLAIN,HEXAGON	12
15	PAOZZ	5310-00-193-7577	96906	MS35333-36	.WASHER,LOCK	15
16	PAOZZ	5310-00-934-9739	80205	MS35649-242	.NUT,PLAIN,HEXAGON	15
17	PAOZZ	6110-01-479-8558	4J564	DT-VR(SS)	.REGULATOR,VOLTAGE	5
18	PAOZZ	5310-00-045-3299	96906	MS35338-42	.WASHER,LOCK	8
19	PAOZZ	5925-00-900-1904	13445	30056-10	.CIRCUIT BREAKER	8
20	PAOZZ	5925-01-214-3228	98343	1512-0-4	.BASE,CIRCUIT BREAKER	18
21	PAOZZ	5975-01-480-5396	56501	2678	.BOX CONNECTOR,ELECT	1
22	PAOZZ	5305-00-984-6191	80205	MS35206-243	.SCREW,MACHINE	4
23	PAOZZ	5305-00-995-3442	96906	MS35207-268	.SCREW,MACHINE	3
24	PAOZZ	5310-00-809-8544	96906	MS27183-7	.WASHER,FLAT	4
25	PAOZZ	5310-00-576-5752	80205	MS35333-39	.WASHER,LOCK	3
26	PAOZZ	5310-00-852-8593	96906	MS35649-103	.NUT,PLAIN,HEXAGON	3
END OF FIGURE						

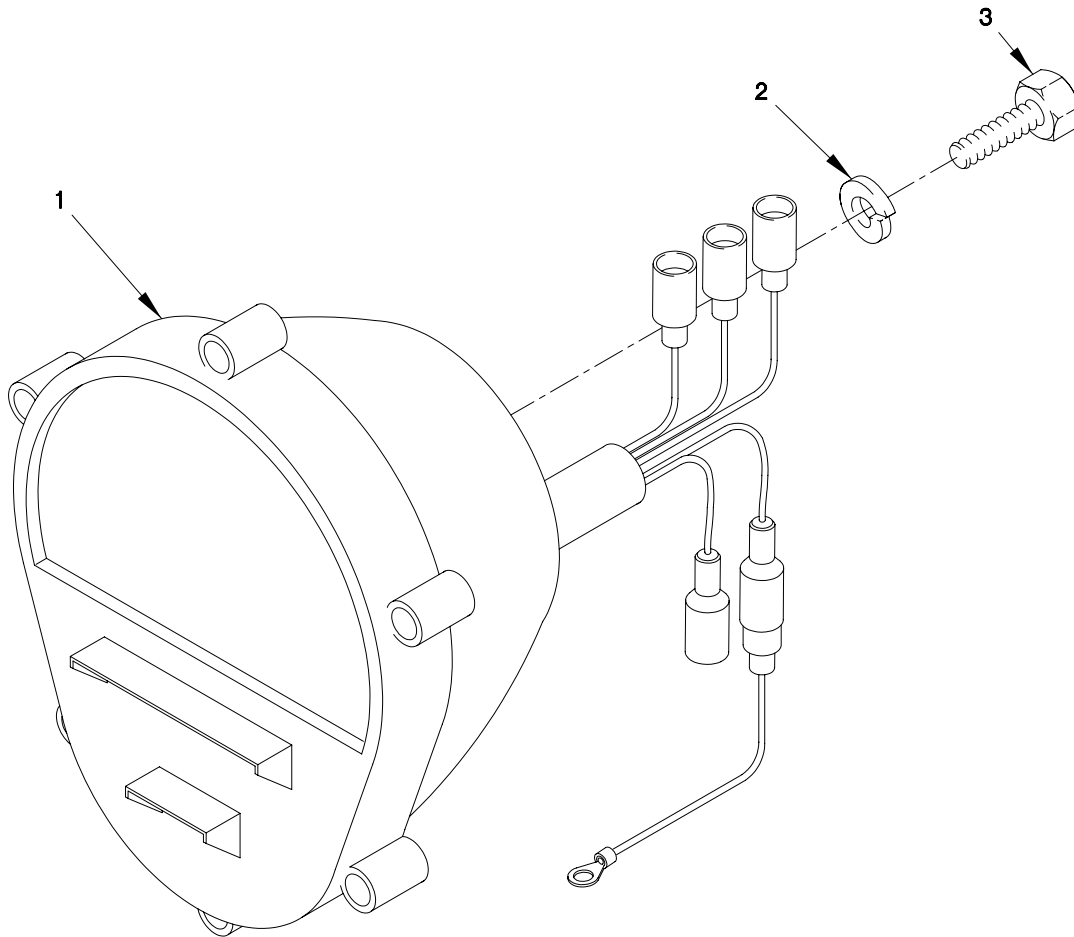


0608LT02A

Figure 2. Group 0608 JUNCTION BOX
0115 00-1 Blank/ 2

GROUP 0608 JUNCTI ON BOX – Continued**0115 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	5940-01-540-1367	6721	300634AM	TERMINAL BOX	1
2	PAOZZ	5305-00-225-3839	80205	MS90725-8	SCREW,HEX CAP	2
3	PAOZZ	5310-00-088-1251	81349	M45913/1-4CG5C	NUT,SELF-LOCKING,HE	4
END OF FIGURE						

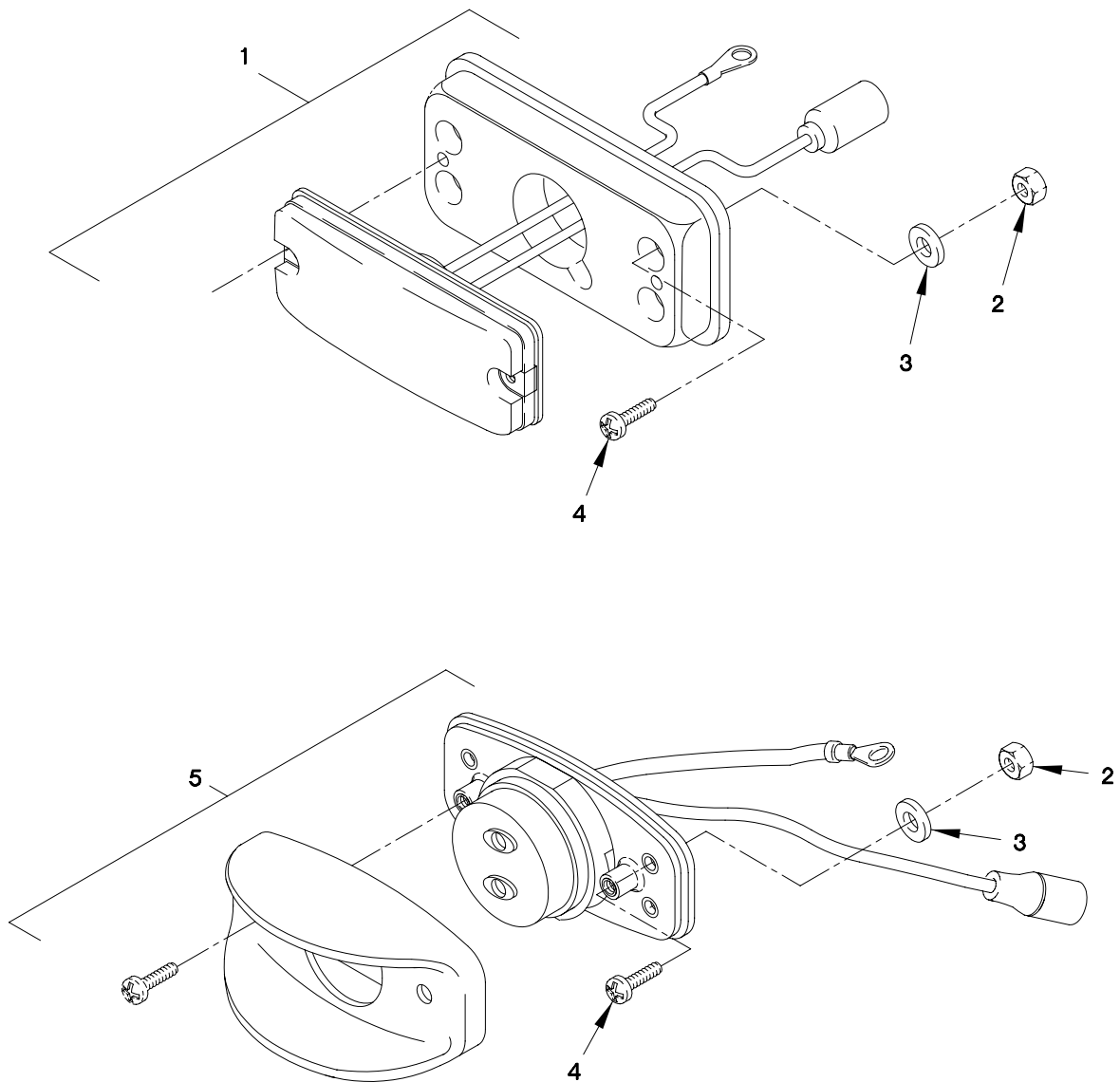


0609LT01A

Figure 3. Group 0609 COMPOSITE LIGHT
0116 00-1 Blank/ 2

GROUP 0609 COMPOSITE LIGHT – Continued**0116 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ		19207	12422958	LED COMPOSITE LIGHT	2
2	PAOZZ	5310-00-984-7042	96906	MS35338-141	WASHER, LOCK	4
3	PAOZZ		96906	MS51849-137C	SCREW,MACHINE-STEEL	4
END OF FIGURE						

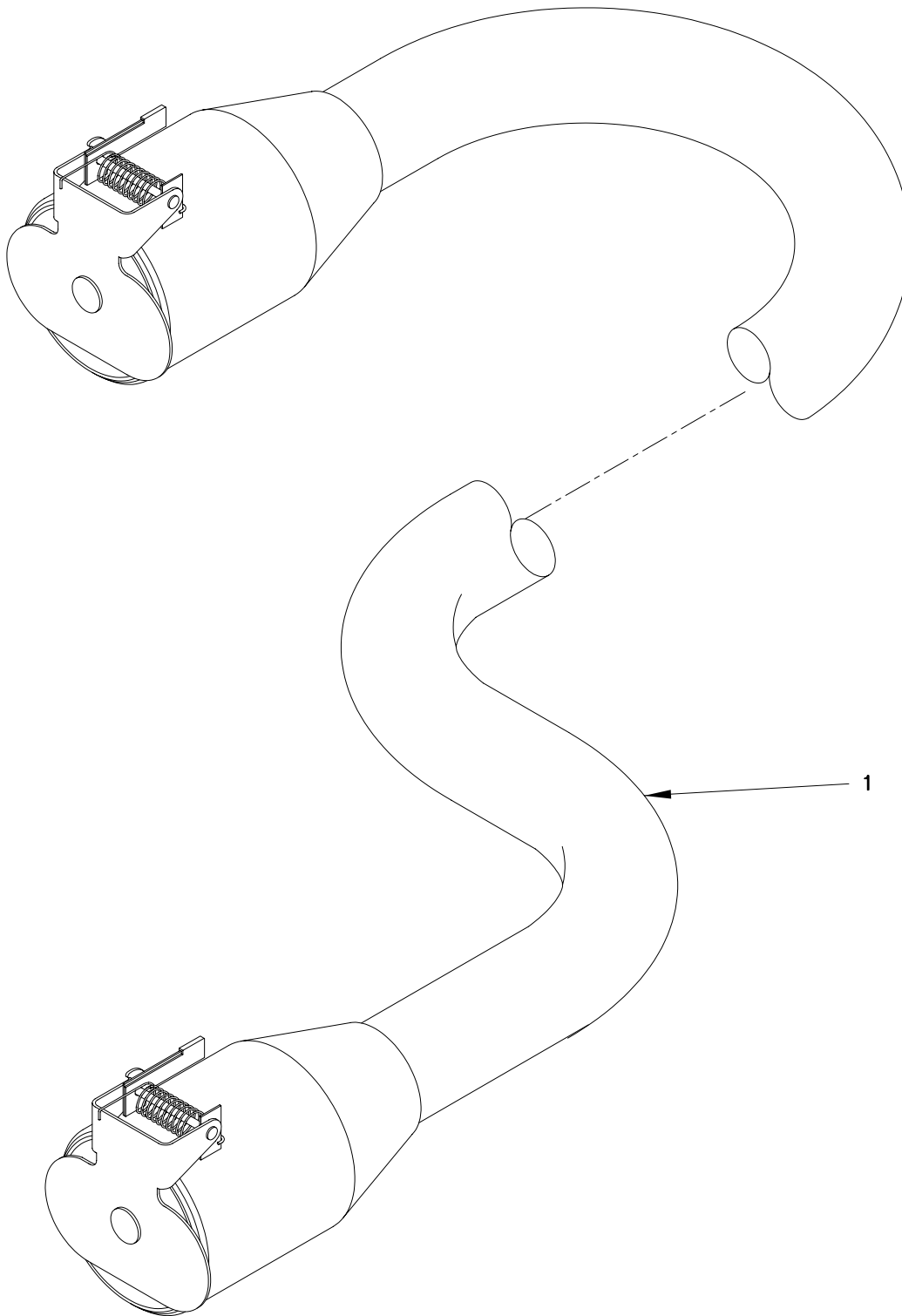


0609LT02A

Figure 4. Group 0609 LED MARKER LIGHT ASSEMBLY
0117 00-1 Blank/ 2

GROUP 0609 LED MARKER LIGHT ASSEMBLY – Continued**0117 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOOO	6220-01-521-7648	19207	12422657-002	LIGHT,MARKR,CLEARAN	3
2	PAOZZ	5310-01-436-3290	80205	MS17830-010C	NUT,PLAIN,HEXAGON	28
3	PAOZZ	5310-01-352-9575	19207	NAS1149C0363R	WASHER,FLAT	28
4	PAOZZ	5305-01-357-8159	96906	MS51849-77C	SCREW,MACHINE-STEEL	28
5	PAOZZ		19207	12422973-002	LED, 45 DEGREE	2
END OF FIGURE						

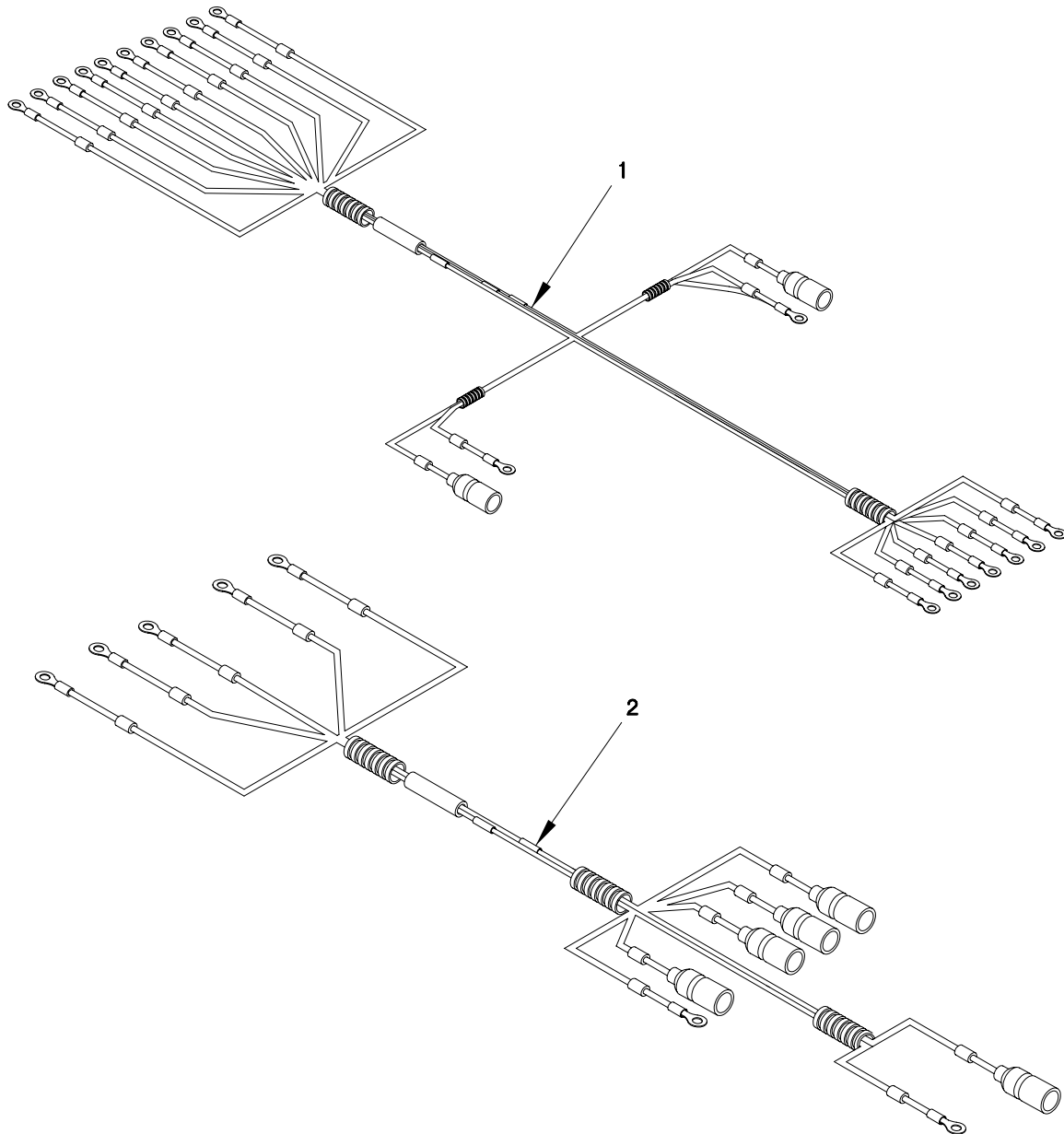


0613LT03A

Figure 5. Group 0613 LED MARKER LIGHT ASSEMBLY
0118 00-1 Blank/ 2

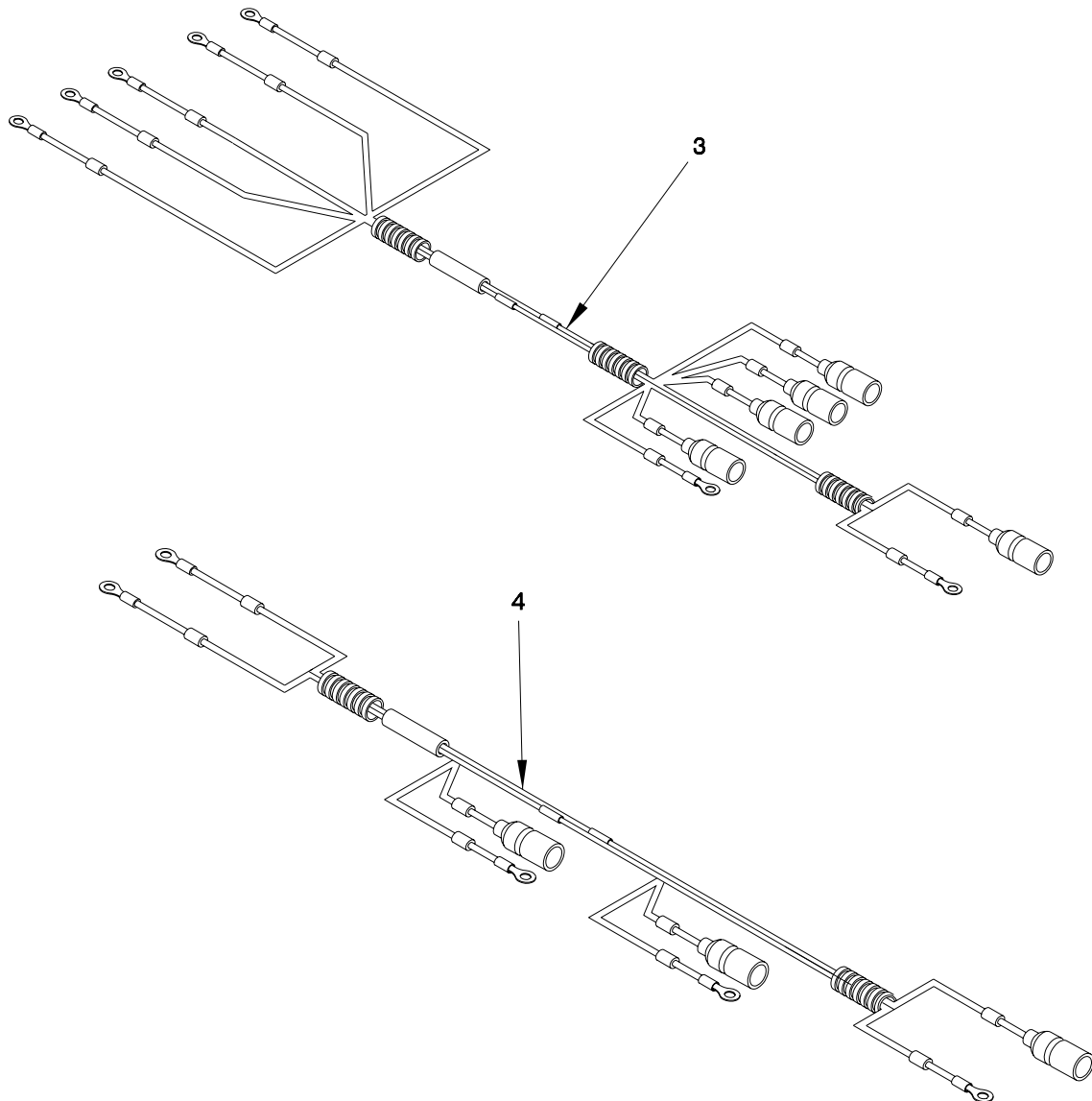
**GROUP 0613 24VDC INTERVEHICULAR CABLE ASSEMBLY –
Continued****0118 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	6150-00-772-8814	19207	7728814	CABLE ASSEMBLY,SPEC	1
END OF FIGURE						



0613LT02A

Figure 6. Group 0613 CHASSIS ELECTRICAL HARNESSSES (Sheet 1 of 2)
0119 00-1

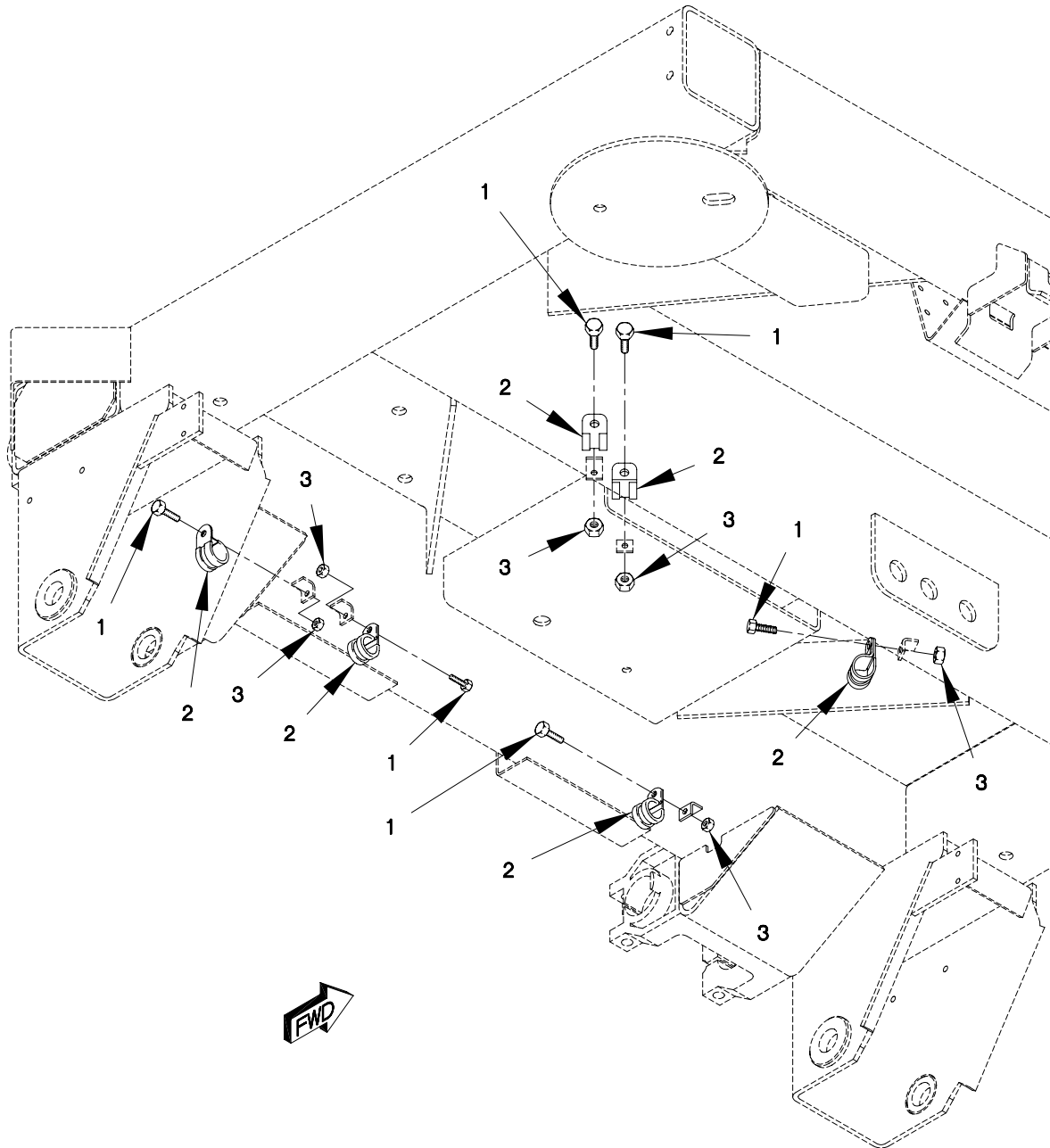


0613LT01A

Figure 6. Group 0613 CHASSIS ELECTRICAL HARNESSSES (Sheet 2 of 2)
0119 00-2

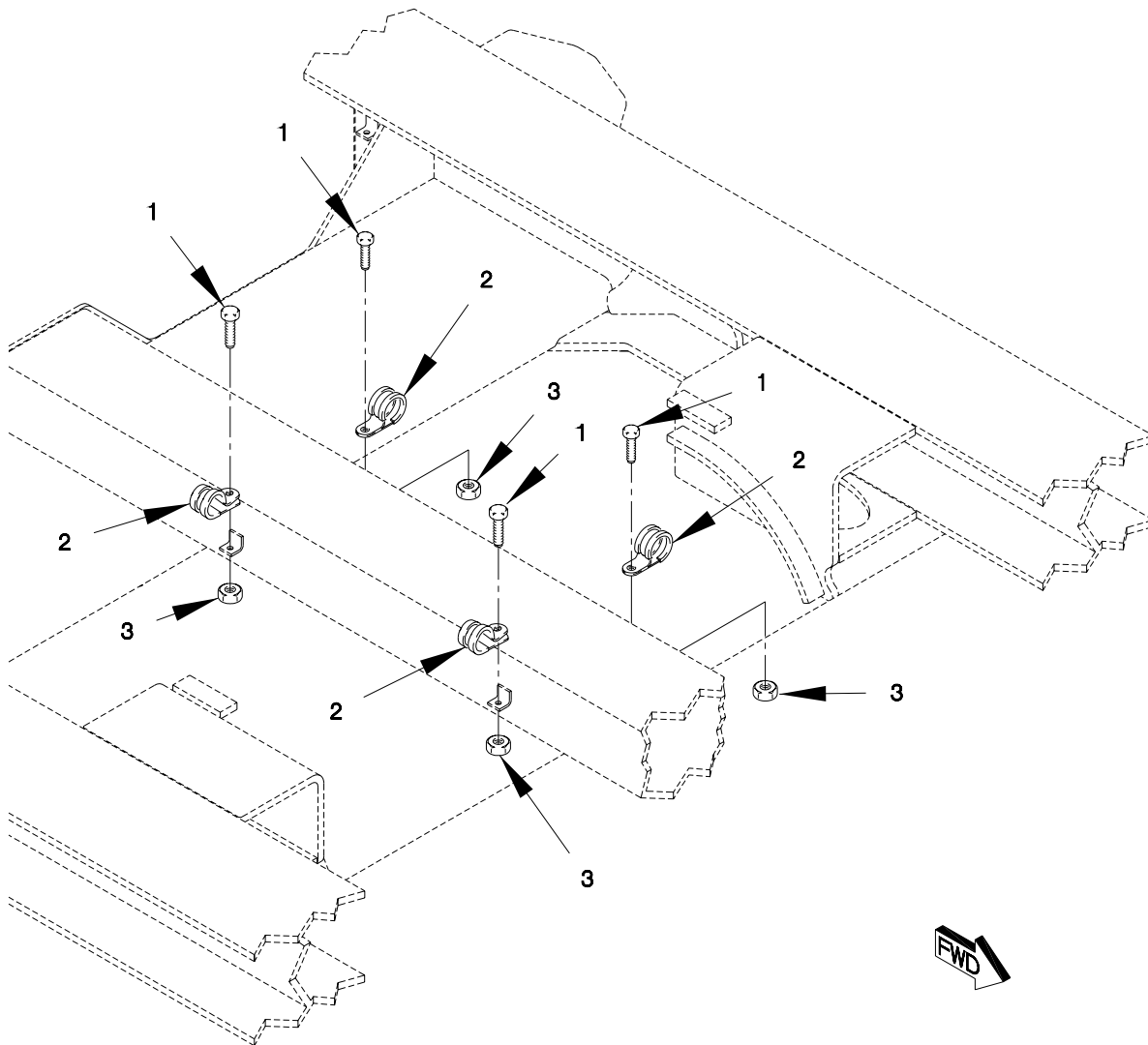
GROUP 0613 CHASSIS ELECTRICAL HARNESES – Continued**0119 00**

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
1	PAOOO	6150-01-540-3851	19207	12486330	HARNESS,ELECTRICAL	1
2	PAOOO	6150-01-540-1346	19207	12486338	RIGHT REAR ELE HARN	1
3	PAOOO		19207	12486339	HARNESS,ELECTRICAL	1
4	PAOOO		19207	12486340	HARNESS,ELECTRICAL	1
END OF FIGURE						



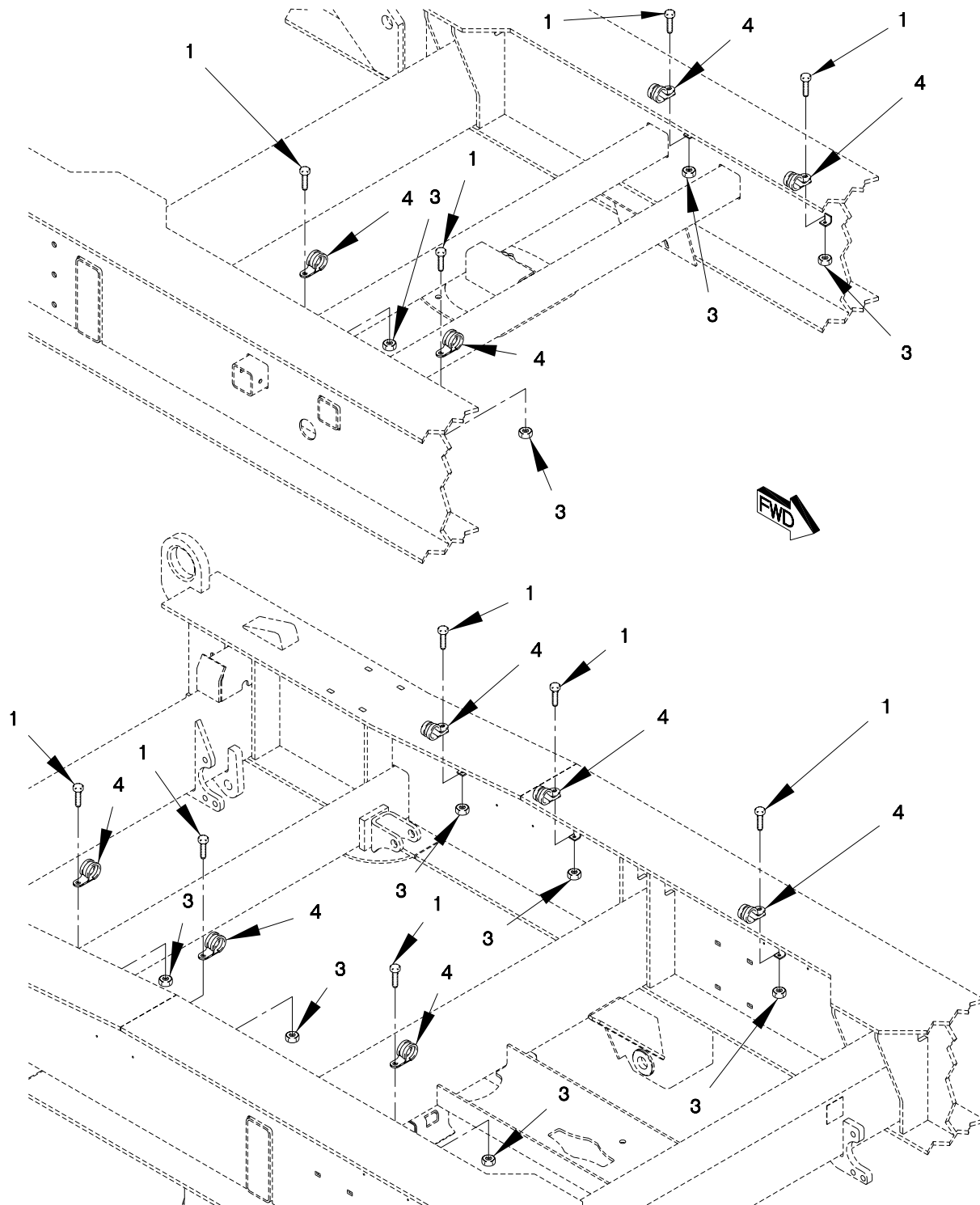
0613LT05A

Figure 7. Group 0613 CABLE ROUTING CLAMPS (Sheet 1 of 4)
0120 00-1



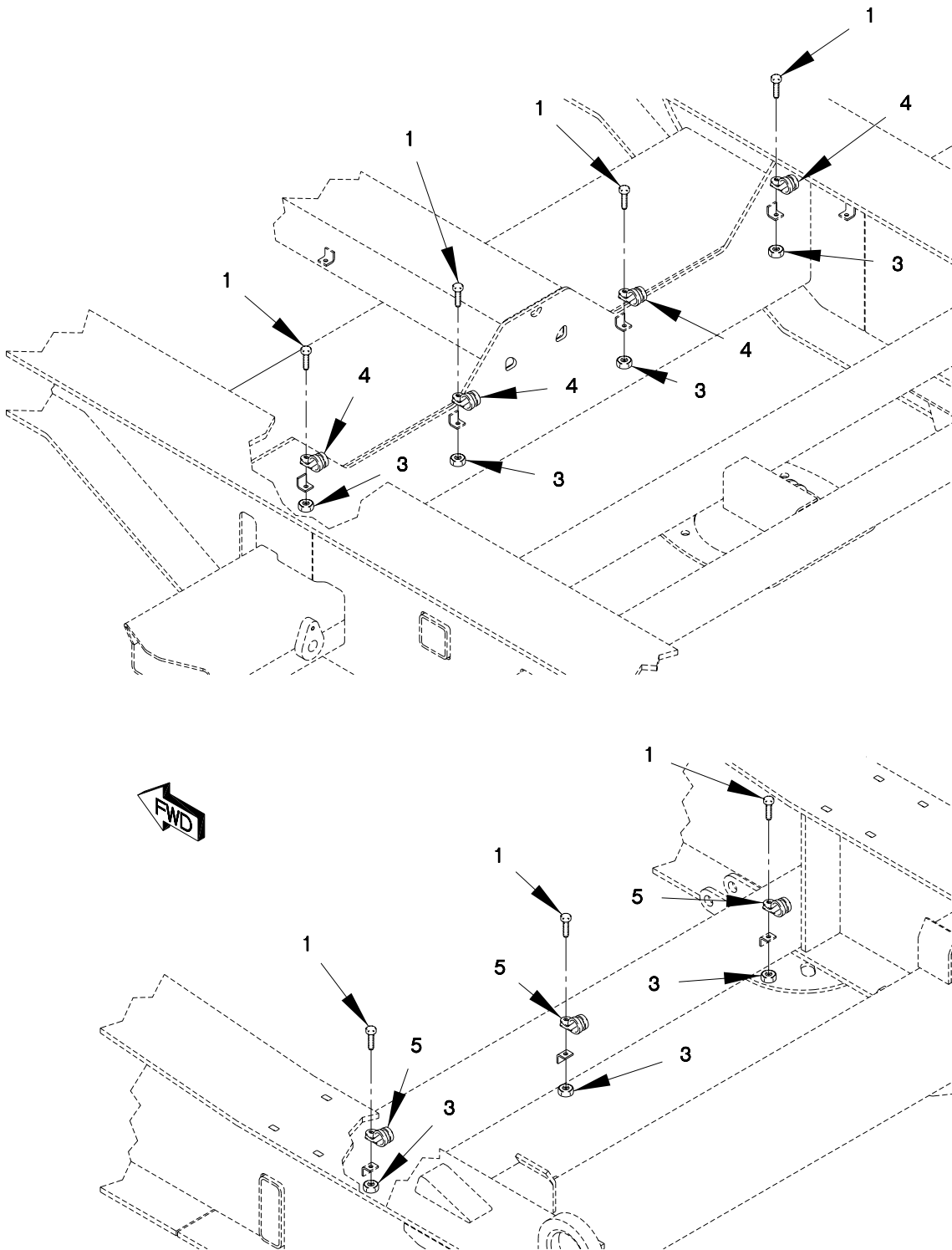
0613LT05B

Figure 7. Group 0613 CABLE ROUTING CLAMPS (Sheet 2 of 4)
0120 00-2



0613LT05C

Figure 7. Group 0613 CABLE ROUTING CLAMPS (Sheet 3 of 4)
0120 00-3

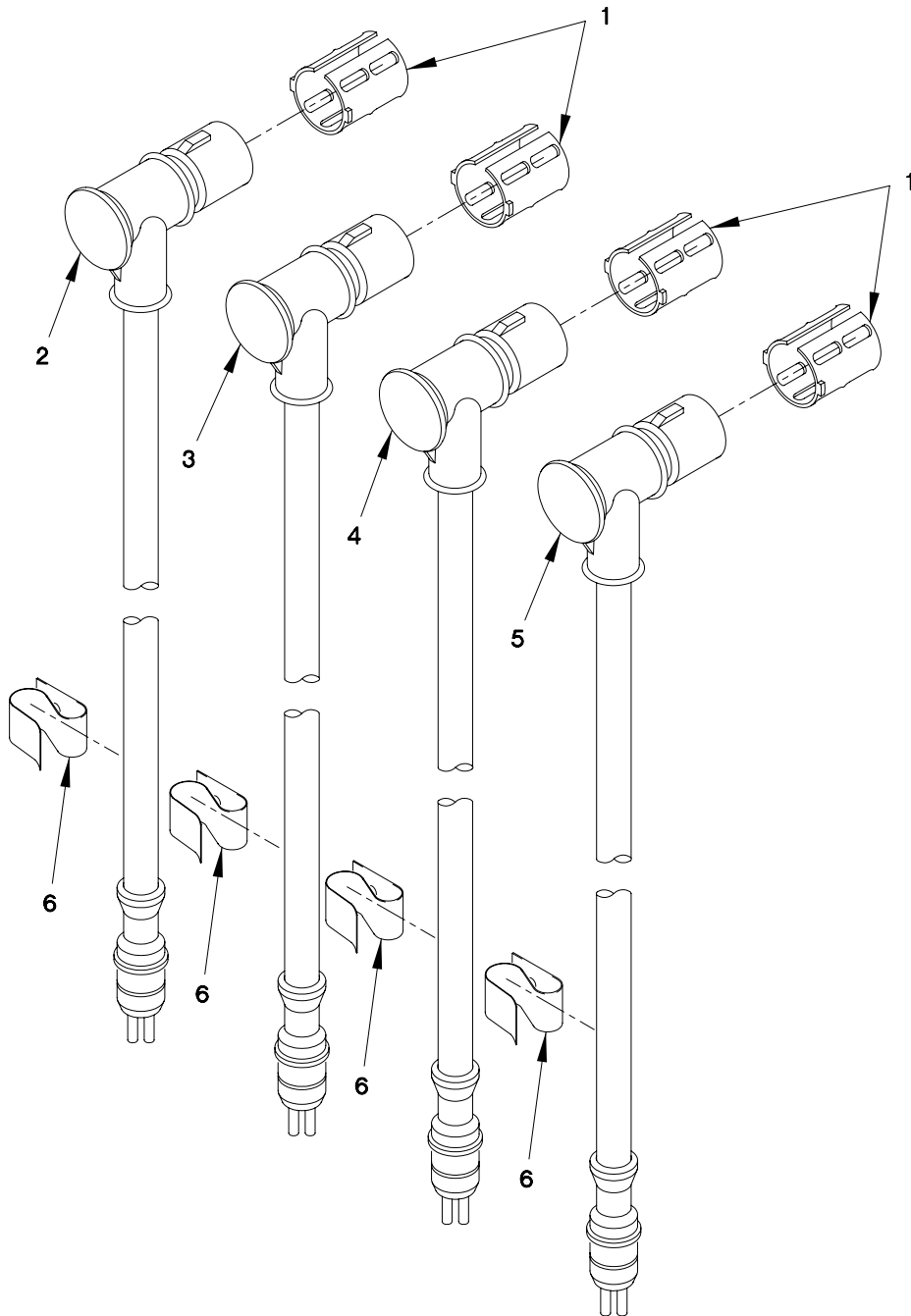


0613LT05D

Figure 7. Group 0613 CABLE ROUTING CLAMPS (Sheet 4 of 4)
0120 00-4

GROUP 0613 CABLE ROUTING CLAMPS – Continued**0120 00**

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
1	PAOZZ		80204	S210NA38CAD17 354 BNCHI	SCREW,HEX CAP	31
2	PAOZZ		19207	12419079-004	CLAMP,LOOP	12
3	PAOZZ	5310-00-088-1251	81349	M45913/1- 4CG5C	NUT,SELF-LOCKING,HE	31
4	PAOZZ		19207	12419079-005	CLAMP,LOOP,HEAVY DU	16
5	PAOZZ		19207	12419079-001	CLAMP,LOOP,HEAVY DU	3
END OF FIGURE						

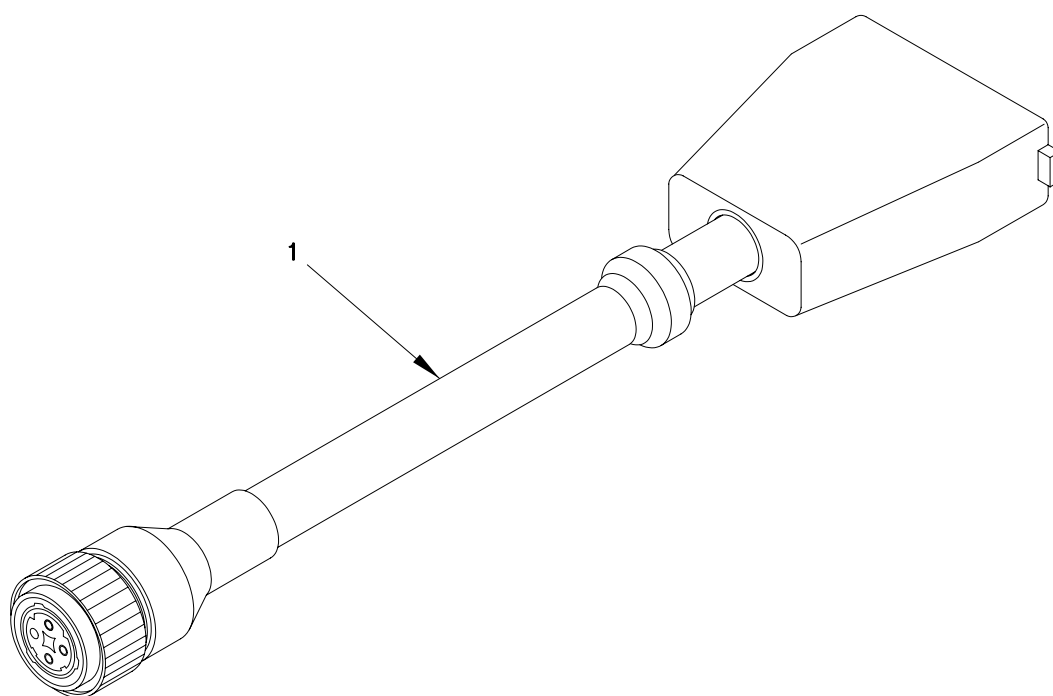


0613LT04A

Figure 8. Group 0613 SPEED SENSORS
0121 00-1 Blank/ 2

GROUP 0613 SPEED SENSORS – Continued**0121 00**

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
1	PAOZZ	6150-01-540-3382	19207	12423014-005	EXTENSION,SENSOR (FRONT ROADSIDE)	1
2	PAOZZ	6150-01-540-3395	19207	12423014-007	EXTENSION,SENSOR (REAR ROADSIDE)	1
3	PAOZZ	6150-01-540-3404	19207	12423014-008	EXTENSION,SENSOR (REAR CURBSIDE)	1
4	PAOZZ		19207	12423014-006	EXTENSION,SENSOR (FRONT CURBSIDE)	1
5	PAOZZ		56459	139222	CLIP,SENSOR	4
END OF FIGURE						

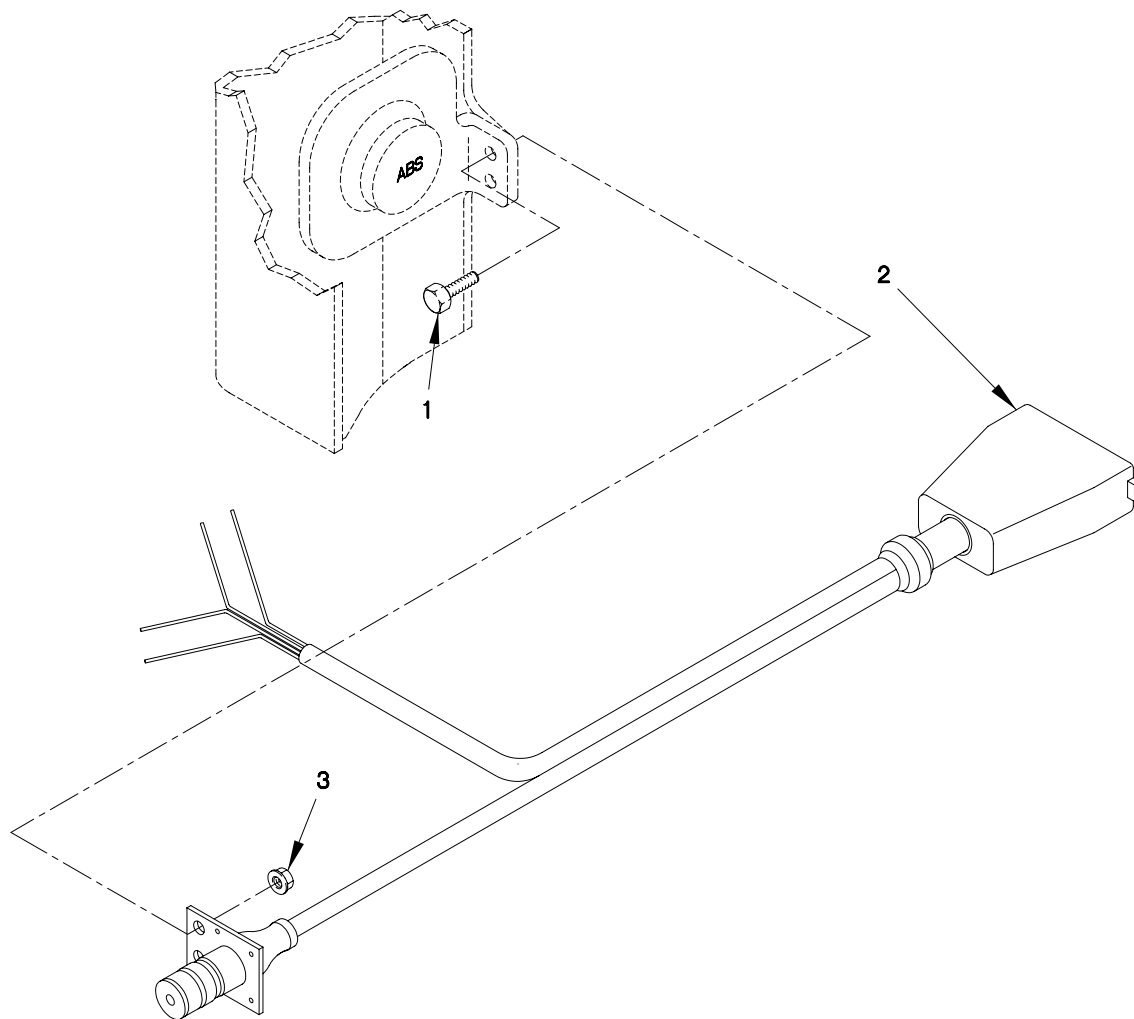


0613LT06A

Figure 9. Group 0613 ABS RELAY VALVE HARNESS
0122 00-1 Blank/ 2

GROUP 0613 ABS RELAY VALVE HARNESS – Continued**0122 00**

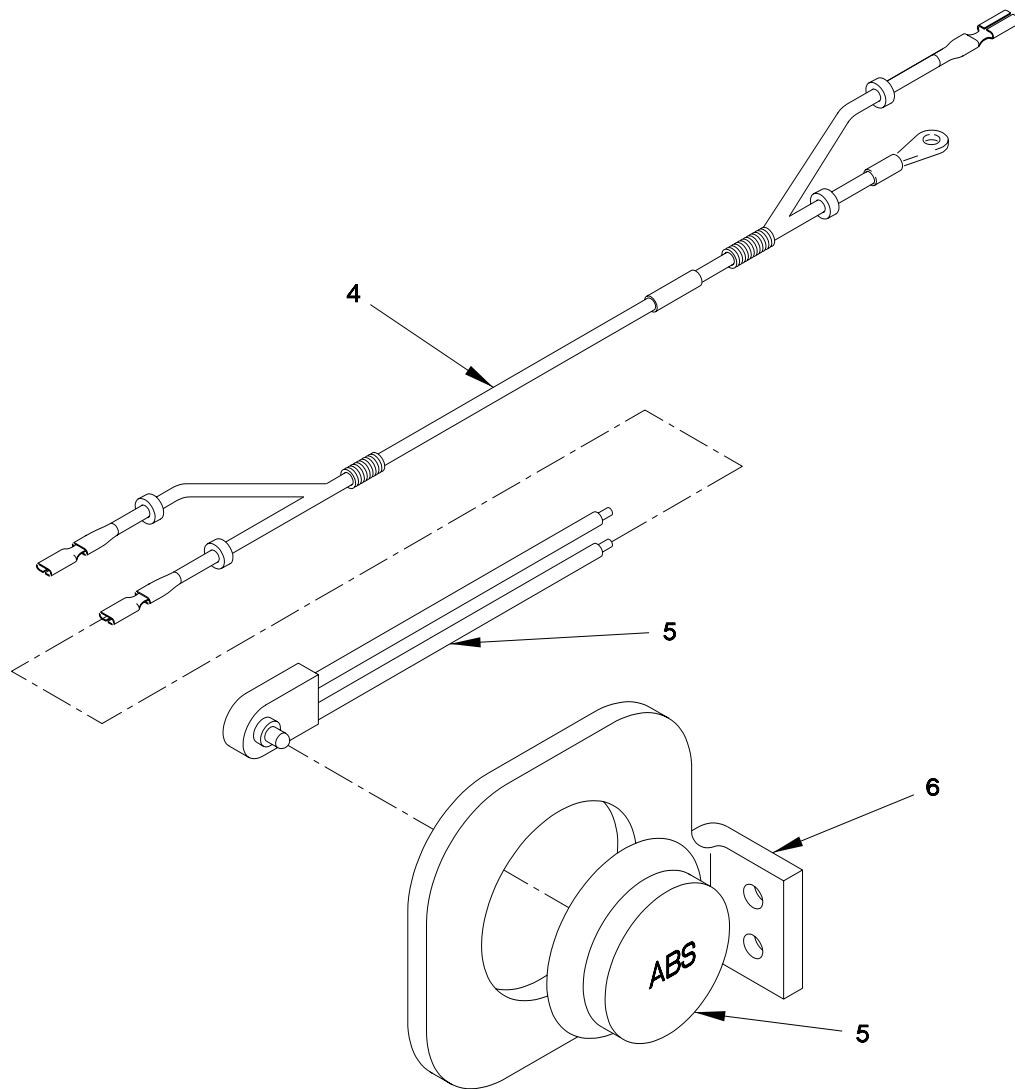
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	6150-01-540-1512	19207	12486365	CABLE,RELAY	1
END OF FIGURE						



0613LT07A

Figure 10. Group 0613 ABS POWER & DIAGNOSTIC CABLE ASSY W/ BRACKET (Sheet 1 of 2)
0123 00-1

GROUP 0613 ABS POWER & DIAGNOSTIC CABLE ASSY W/ BRACKET – 0123 00
Continued



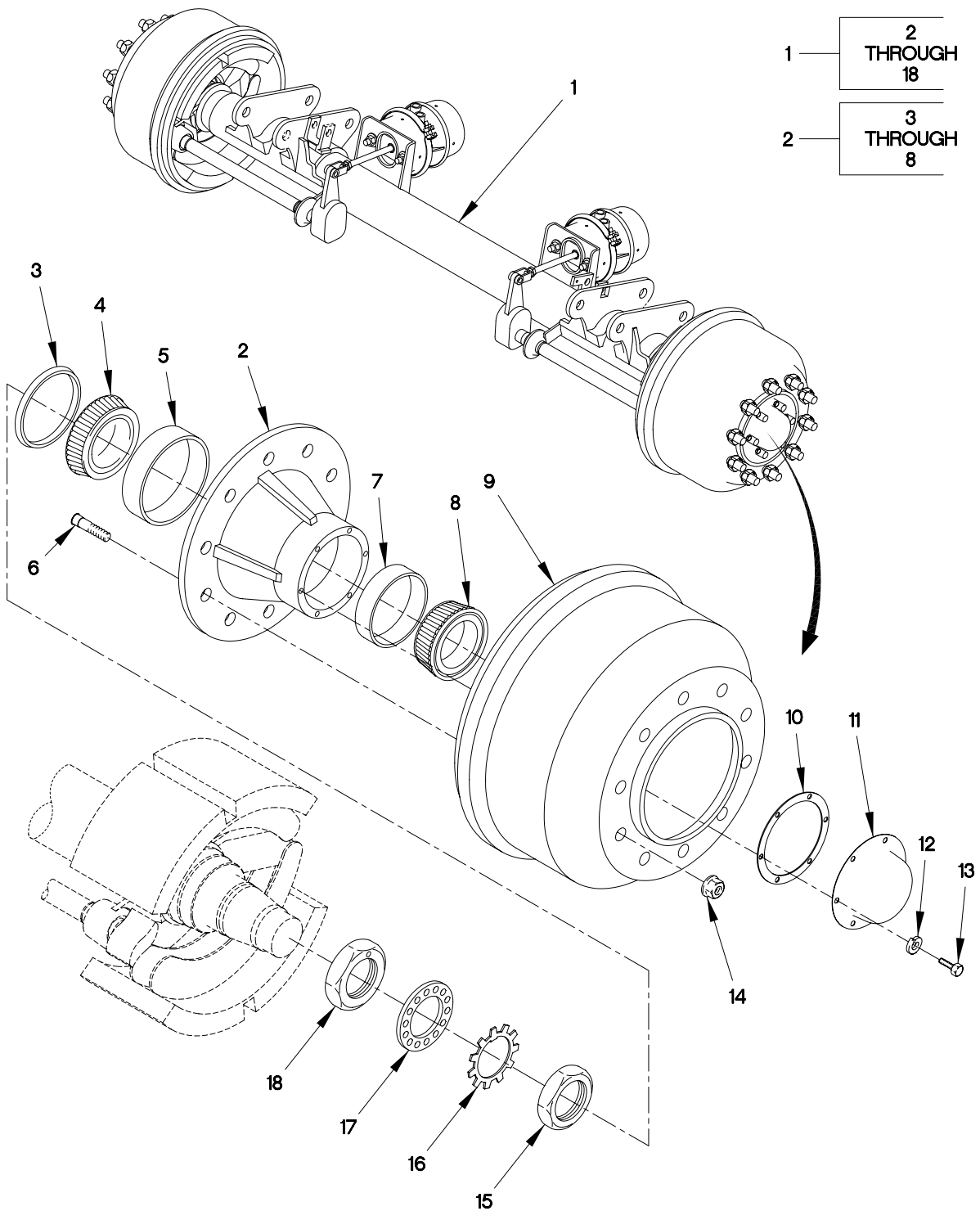
0613LT07B

Figure 10. Group 0613 ABS POWER & DIAGNOSTIC CABLE ASSY W/ BRACKET (Sheet 2 of 2)
0123 00-2

GROUP 0613 ABS POWER & DIAGNOSTIC CABLE ASSY W/ BRACKET – 0123 00
Continued

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	5305-00-071-2509	80204	B1821BH025C15		2
2	PAOZZ		19207	12443612-001	ON SCREW,CAP,HEXAGON H	1
3	PAOZZ	5310-00-761-6882	96906	MS51967-2	PWR/DIAGNOSTIC CBL	2
4	PAOZZ		19207	12486421	NUT,PLAIN,HEXAGON	1
5	PAOZZ		19207	12486432	HARNESS,ABS LIGHT	1
6	PAOZZ		19207	12486416	LIGHT ASSEMBLY,WARN	1
					BRACKET,WARNING LIG	1
END OF FIGURE						

GROUP 0613 TURNTABLE (FRONT) AXLE & WHEEL END ASSEMBLY 0124 00



1000LT01A

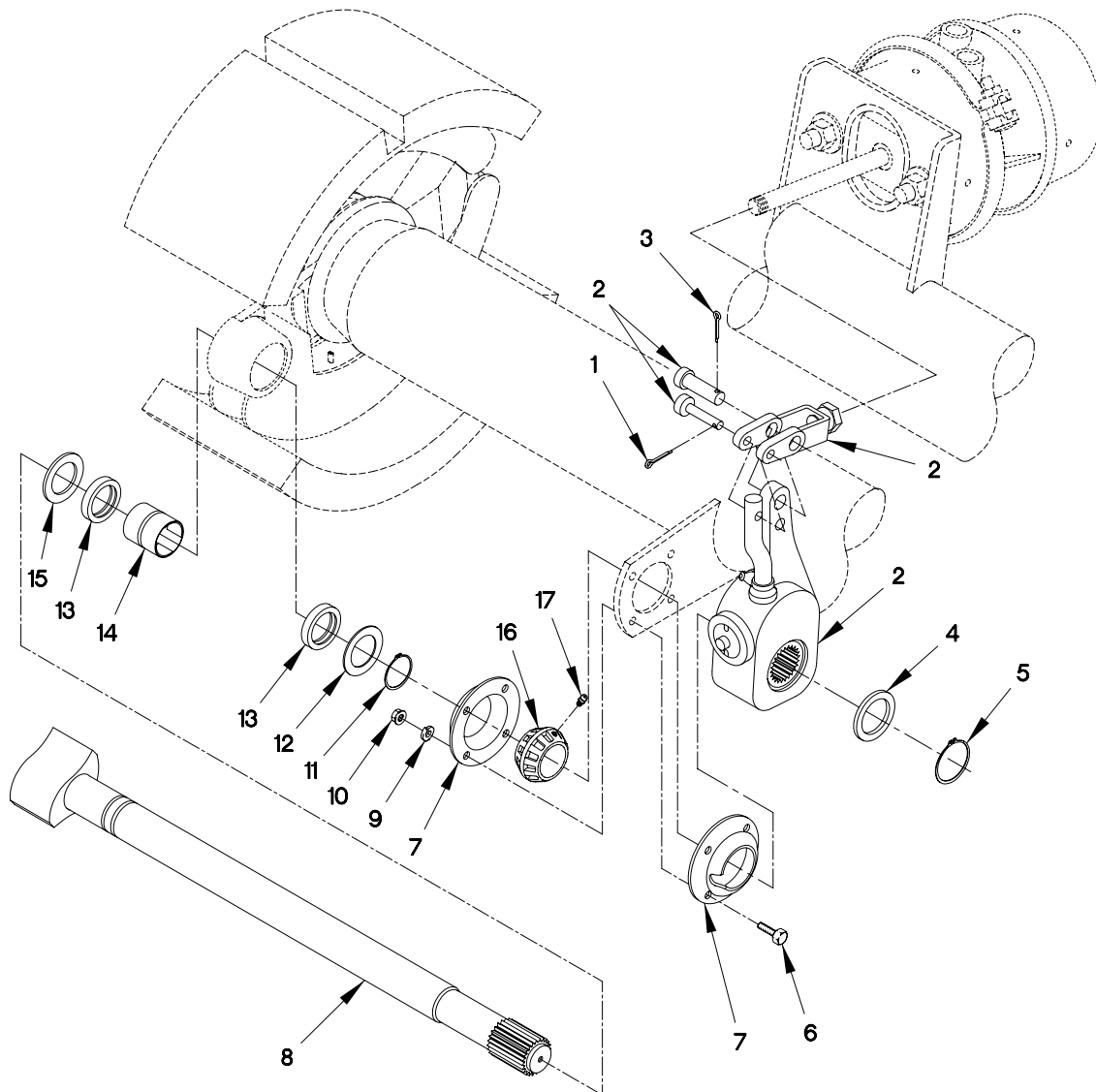
**Figure 11. Group 1000 TURNTABLE (FRONT) AXLE & WHEEL END ASSEMBLY
0124 00-1 Blank/ 2**

GROUP 0613 TURNTABLE (FRONT) AXLE & WHEEL END ASSEMBLY – 0124 00
Continued

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOOO		19207	12486370	AXLE ASSEMBLY	1
2	PAOOO	2530-01-540-5291	15460	008-290-13	.HUB ASSEMBLY,10 STU	2
3	PAOZZ		15460	010-055-00	..SEAL	1
4	PAOZZ		15460	031-026-02	..CONE,INNER,BEARING	1
5	PAOZZ	3110-01-540-3474	15460	031-026-01	..BEARING,INNER CUP	1
6	PAOZZ	5307-01-540-5874	15460	007-194-00	..STUD,PRESS-IN	10
7	PAOZZ	3110-01-540-1373	15460	031-027-01	..BEARING,OUTER CUP	1
8	PAOZZ		15460	031-027-02	..CONE,OUTER,BEARING	1
9	PAOZZ		15460	009-043-03	.DRUM	2
10	PAOZZ	5330-01-540-2080	15460	071-124-00	.GASKET,OIL CAP	2
11	PAOZZ	2590-01-539-8686	15460	021-038-02	.OIL CAP	2
12	PAOZZ		15460	005-100-00	.LOCKWASHER,OIL CAP	12
13	PAOZZ		15460	007-157-00	.SCREW,CAP,OIL	12
14	PAOZZ		15460	006-064-02	.NUT,WHEEL,RH	10
14	PAOZZ		15460	006-064-01	.NUT,WHEEL,LH	10
15	PAOZZ	5310-01-540-1948	15460	006-115-00	.NUT,OUTER SPINDLE	2
16	PAOZZ	5310-01-540-0933	15460	005-099-00	.LOCKWASHER,TAB	2
17	PAOZZ	5310-01-540-1394	15460	005-098-00	.LOCKWASHER,INDEXING	2
18	PAOZZ		15460	006-114-00	.NUT,INNER SPINDLE B	2
END OF FIGURE						

**GROUP 1000 TURNTABLE (FRONT) AIR BRAKE ARM & SLACK
ADJUSTER**

0125 00



1000LT02A

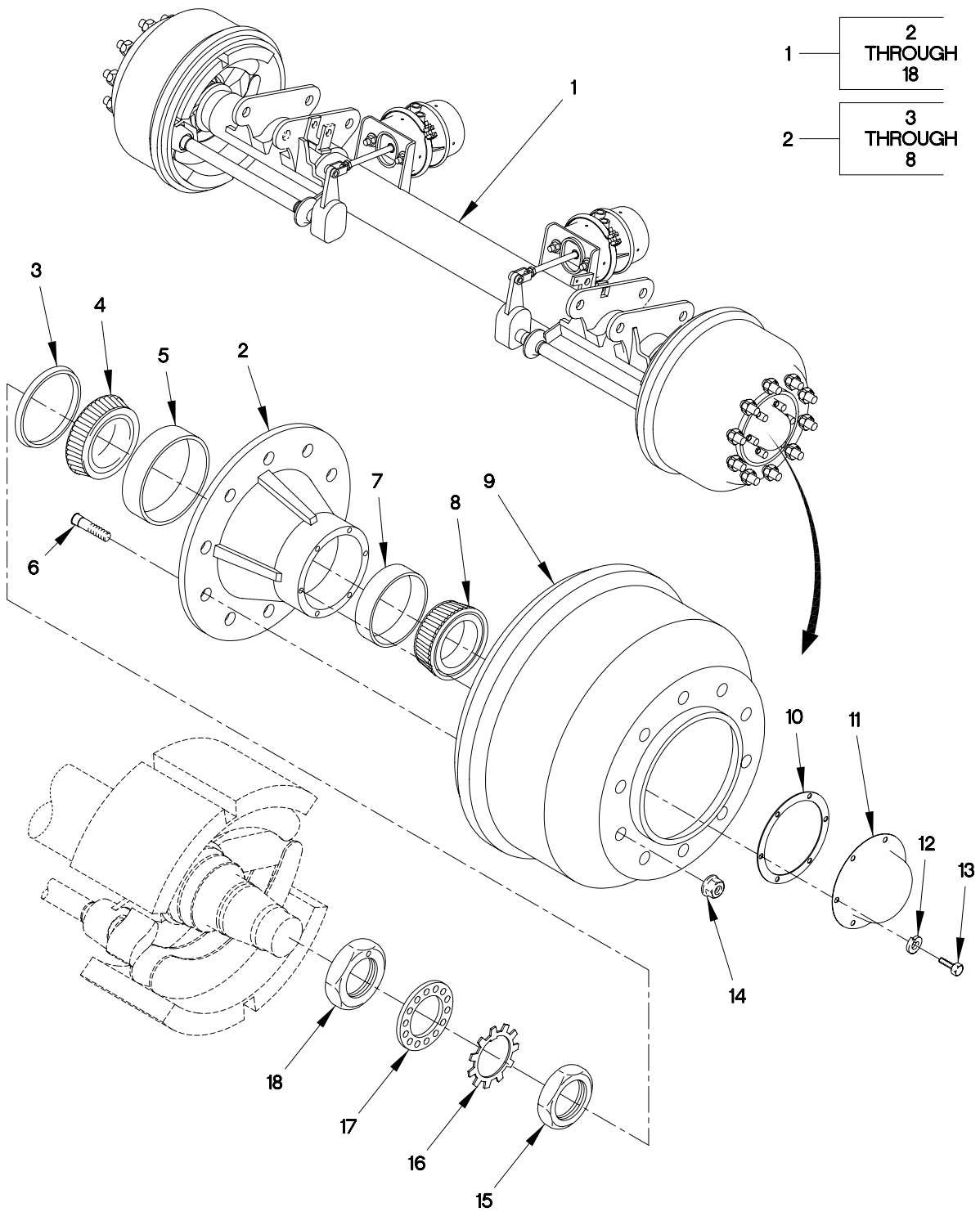
Figure 12. Group 1000 TURNTABLE (FRONT) AIR BRAKE ARM & SLACK ADJUSTER
0125 00-1 Blank/ 2

**GROUP 1000 TURNTABLE (FRONT) AIR BRAKE ARM & SLACK
ADJUSTER – Continued**
0125 00

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	5315-00-252-5986	80205	MS24665-140	PIN,COTTER	2
2	PAOZZ		15460	055-040-98	ADJUSTER,SLACK	2
3	PAOZZ	5315-00-013-7214	80205	MS24665-359	PIN,COTTER	2
4	PAOZZ		15460	005-134-00	WASHER,CAMSHAFT	2
5	PAOZZ		15460	069-078-00	RETAINER,CAMSHAFT	2
6	PAOZZ		15460	007-139-00	BOLT,RETAINER PLATE	8
7	PAOZZ		15460	034-032-00	PLATE,RETAINER	4
8	PAOZZ	2530-01-539-8724	15460	034-192-08	CAMSHAFT	2
9	PAOZZ		15460	005-079-00	LOCKWASHER,COVER	8
10	PAOZZ		15460	006-099-00	NUT,RETAINER PLATE	8
11	PAOZZ		15460	069-020-00	RING,SNAP	2
12	PAOZZ	5310-01-540-0261	15460	005-097-00	WASHER	2
13	PAOZZ	5330-01-487-4641	15460	010-052-00	SEAL,GREASE	4
14	PAOZZ		15460	014-056-00	BUSHING,CAMSHAFT	2
15	PAOZZ		15460	005-096-00	WASAHER,CAMSHAFT	2
16	PAOZZ	5365-01-540-1469	15460	014-058-00	BUSHING,CAMSHAFT	2
17	PAOZZ		15460	061-006-00	FITTING,GREASE,65	2
END OF FIGURE						

GROUP 1100 REAR AXLE & WHEEL END ASSEMBLY

0126 00

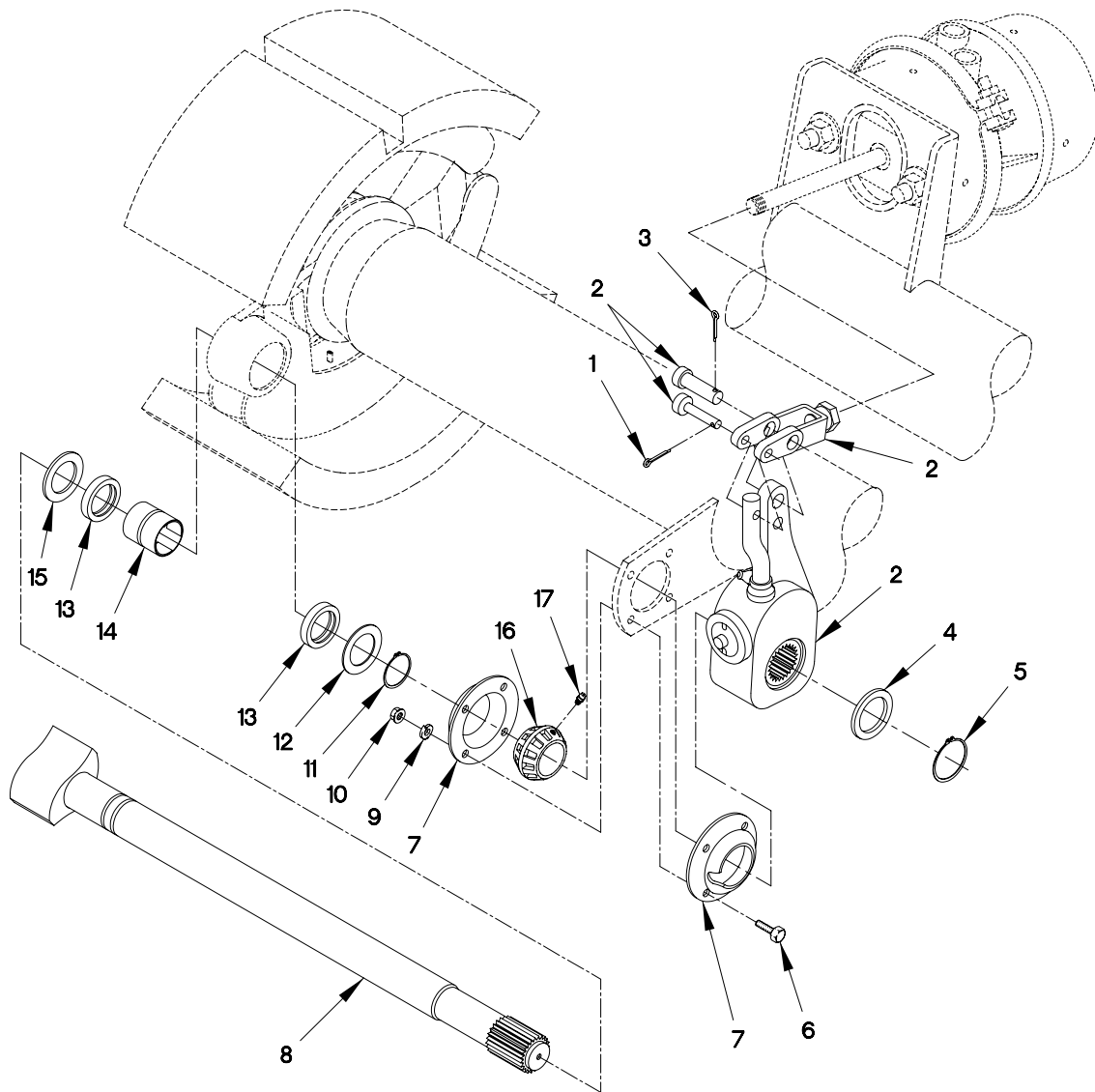


1100LT03A

Figure 13. Group 1100 REAR AXLE & WHEEL END ASSEMBLY
0126 00-1 Blank/ 2

GROUP 1100 REAR AXLE & WHEEL END ASSEMBLY – Continued**0126 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOOO		19207	12486370	AXLE ASSEMBLY	1
2	PAOOO	2530-01-540-5291	15460	008-290-13	.HUB ASSEMBLY,10 STU	2
3	PAOZZ		15460	010-055-00	..SEAL	1
4	PAOZZ		15460	031-026-02	..CONE,INNER,BEARING	1
5	PAOZZ	3110-01-540-3474	15460	031-026-01	..BEARING,INNER CUP	1
6	PAOZZ	5307-01-540-5874	15460	007-194-00	..STUD,PRESS-IN	10
7	PAOZZ	3110-01-540-1373	15460	031-027-01	..BEARING,OUTER CUP	1
8	PAOZZ		15460	031-027-02	..CONE,OUTER,BEARING	1
9	PAOZZ		15460	009-043-03	.DRUM	2
10	PAOZZ	5330-01-540-2080	15460	071-124-00	.GASKET,OIL CAP	2
11	PAOZZ	2590-01-539-8686	15460	021-038-02	.OIL CAP	2
12	PAOZZ		15460	005-100-00	.LOCKWASHER,OIL CAP	12
13	PAOZZ		15460	007-157-00	.SCREW,CAP,OIL	12
14	PAOZZ		15460	006-064-02	.NUT,WHEEL,RH	10
14	PAOZZ		15460	006-064-01	.NUT,WHEEL,LH	10
15	PAOZZ	5310-01-540-1948	15460	006-115-00	.NUT,OUTER SPINDLE	2
16	PAOZZ	5310-01-540-0933	15460	005-099-00	.LOCKWASHER,TAB	2
17	PAOZZ	5310-01-540-1394	15460	005-098-00	.LOCKWASHER,INDEXING	2
18	PAOZZ		15460	006-114-00	.NUT,INNER SPINDLE B	2
END OF FIGURE						

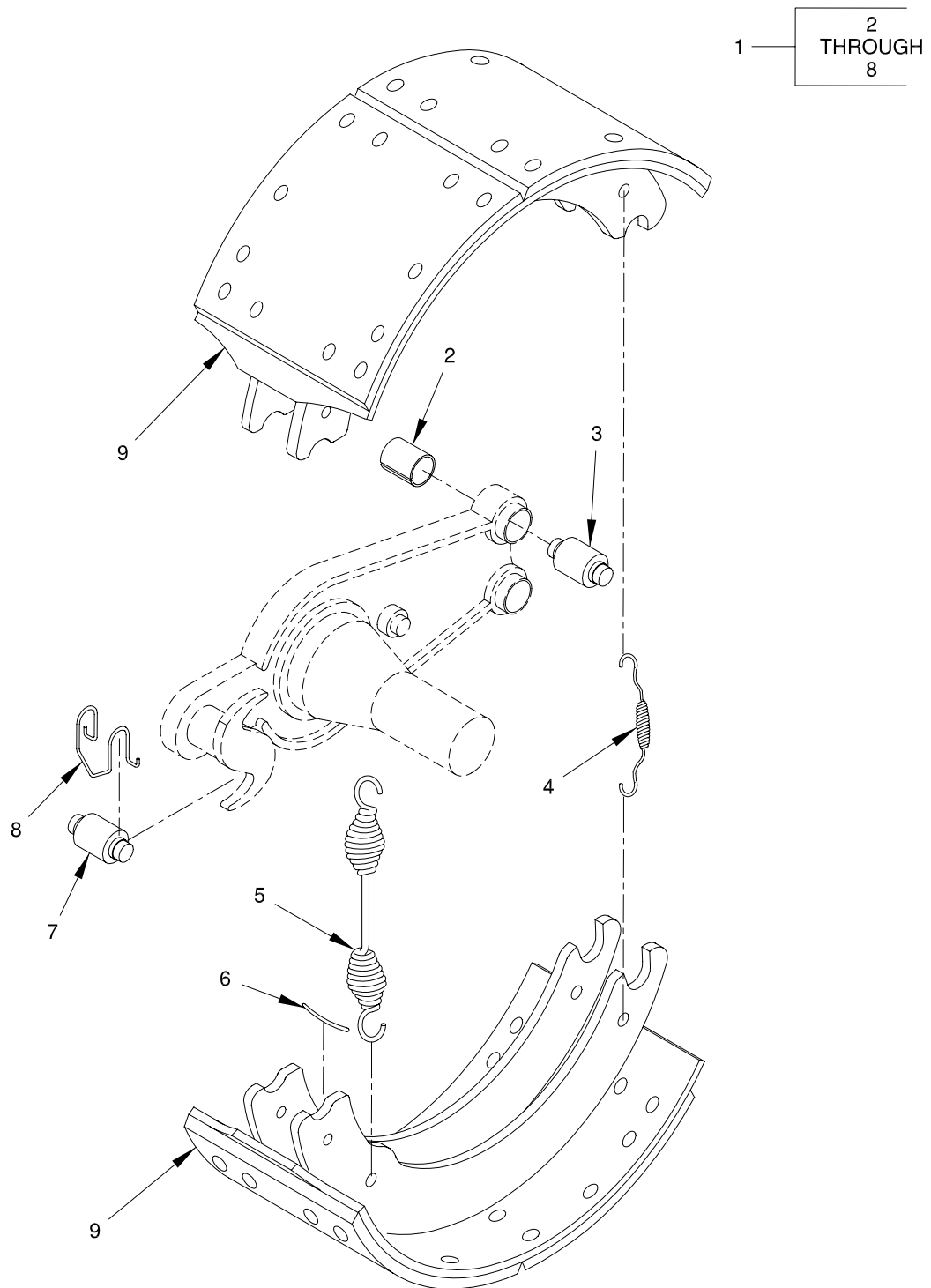


1100LT02A

Figure 14. Group 1100 REAR AIR BRAKE ARM & SLACK ADJUSTER
0127 00-1 Blank/ 2

GROUP 1100 REAR AIR BRAKE ARM & SLACK ADJUSTER – Continued 0127 00

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	5315-00-252-5986	80205	MS24665-140	PIN,COTTER	2
2	PAOZZ		15460	055-040-98	ADJUSTER,SLACK	2
3	PAOZZ	5315-00-013-7214	80205	MS24665-359	PIN,COTTER	2
4	PAOZZ		15460	005-134-00	WASHER,CAMSHAFT	2
5	PAOZZ		15460	069-078-00	RETAINER,CAMSHAFT	2
6	PAOZZ		15460	007-139-00	BOLT,RETAINER PLATE	8
7	PAOZZ		15460	034-032-00	PLATE,RETAINER	4
8	PAOZZ	2530-01-539-8724	15460	034-192-08	CAMSHAFT	2
9	PAOZZ		15460	005-079-00	LOCKWASHER,COVER	8
10	PAOZZ		15460	006-099-00	NUT,RETAINER PLATE	8
11	PAOZZ		15460	069-020-00	RING,SNAP	2
12	PAOZZ	5310-01-540-0261	15460	005-097-00	WASHER	2
13	PAOZZ	5330-01-487-4641	15460	010-052-00	SEAL,GREASE	4
14	PAOZZ		15460	014-056-00	BUSHING,CAMSHAFT	2
15	PAOZZ		15460	005-096-00	WASAHER,CAMSHAFT	2
16	PAOZZ	5365-01-540-1469	15460	014-058-00	BUSHING,CAMSHAFT	2
17	PAOZZ		15460	061-006-00	FITTING,GREASE,65	2
END OF FIGURE						

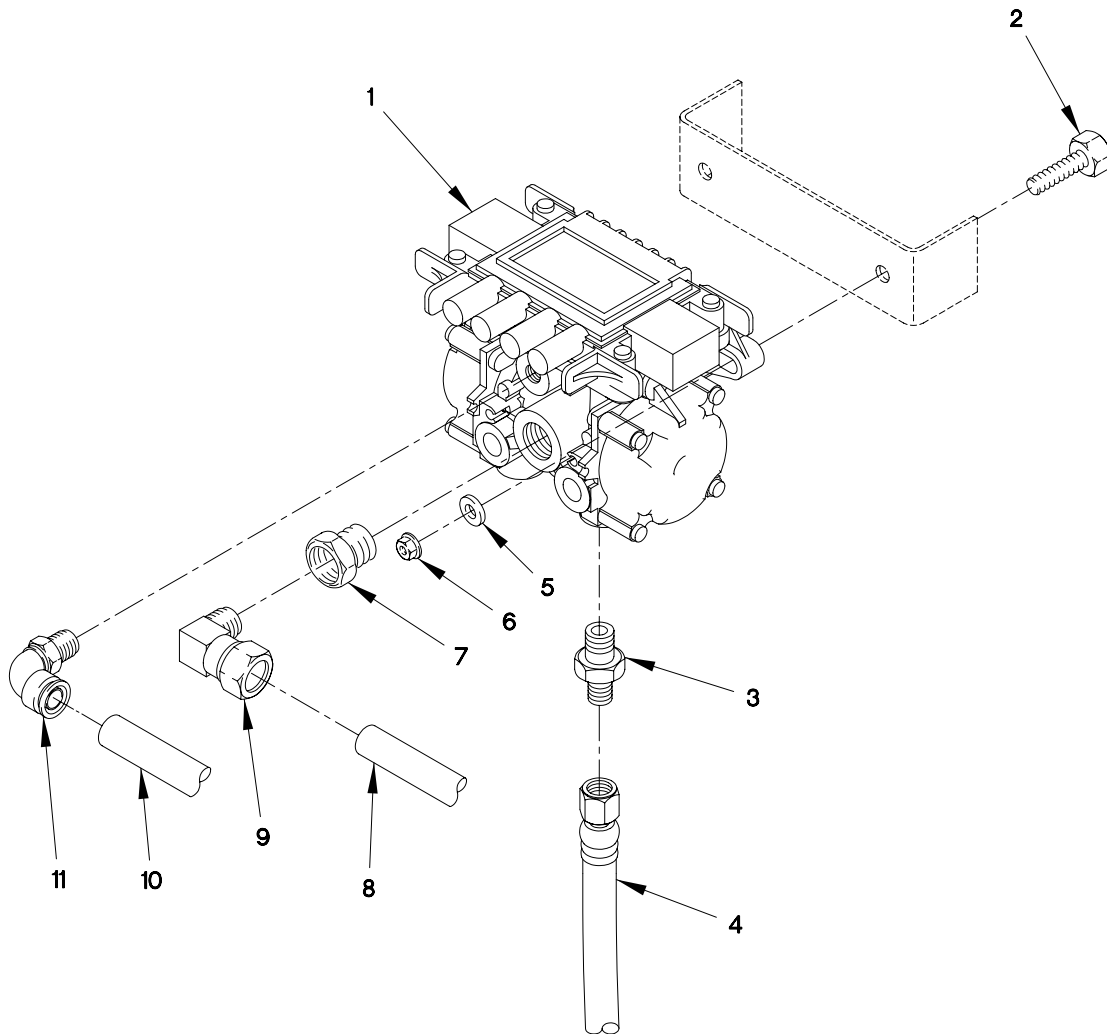


1202LT15A

Figure 15. Group 1202 BRAKE PADS ASSEMBLY
0128 00-1 Blank/ 2

GROUP 1202 BRAKE PADS ASSEMBLY – Continued**0128 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAFZZ	2530-01-539-8697	15460	K71-136-00	BRAKE SHOE KIT	2
2	KFFZZ		15460	014-068-00	.BUSHING,SPIDER	2
3	PFFZZ		15460	056-017-00	.PIN,ANCHOR	2
4	KFFZZ		15460	046-097-00	.SPRING-KEEPER	2
5	PFFZZ		15460	046-096-00	.SPRING-RETRACTOR	1
6	PFFZZ		15460	056-018-00	.SPRING-RETAINER	2
7	KFFZZ		15460	014-065-00	.ROLLER	2
8	PFFZZ	5340-01-540-1257	15460	071-122-00	.ROLLER-RETAINER	2
9	PAOZZ		15460	040-180-00	BRAKE SHOE	4
END OF FIGURE						

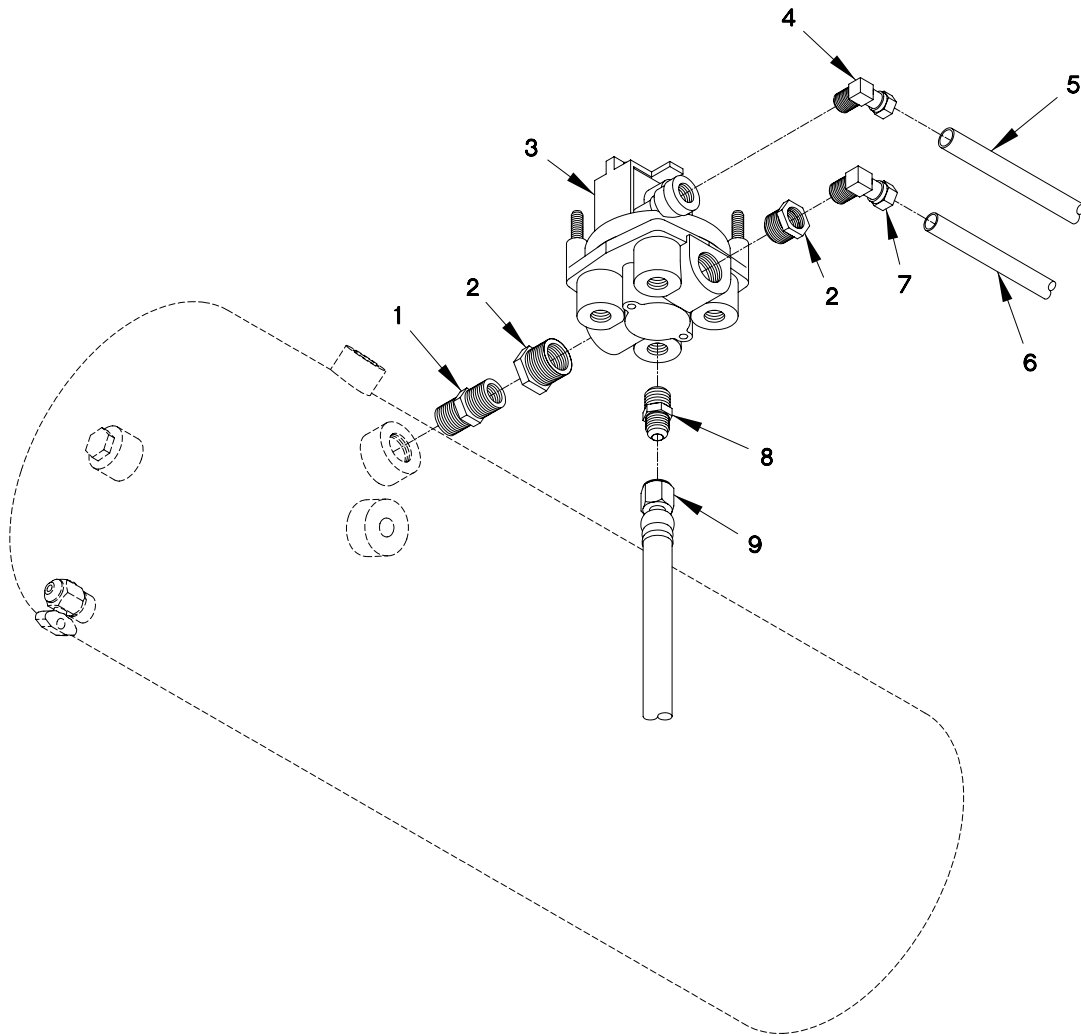


1208LT03A

Figure 16. Group 1208 ABS CONTROL UNIT, FITTINGS, HOSES & TUBING
0129 00-1 Blank/ 2

GROUP 1208 ABS CONTROL UNIT T, FITTINGS, HOSES & TUBING – 0129 00
Continued

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	5963-01-500-2303	0FW39	12443610	ELECT CONTROL UNIT	1
2	PAOZZ	5305-01-325-8387	96906	MS90725-64	SCREW,CAP,HEXAGON H	2
3	PAOZZ	4730-00-439-1722	79470	48X6X6	ADAPTER,STRAIGHT	2
4	PAOZZ	4720-01-540-1542	19207	12420062-020	HOSE,NON-METALLIC	2
5	PAOZZ	5310-00-167-0804	80205	AN960C616	WASHER, FLAT	2
6	PAOZZ	5310-01-445-6346	19207	12412476-09	NUT,SELF-LOCKING,HE	2
7	PAOZZ	4730-01-311-0242	81343	12-8 130140B	BUSHING,PIPE	1
8	MOOZZ		0FW39	12420572-010X	HOSE,NONMETALLIC	V
9	PAOZZ	4730-01-102-4123	81343	10-8 100202BA	ELBOW,PIPE TO TUBE	1
10	MOOZZ		0FW39	12420572-006X	TUBE,NONMETALLIC	V
11	PAOZZ	4730-01-274-1825	81343	6-6 100202BA	ELBOW,PIPE TO TUBE	1
END OF FIGURE						

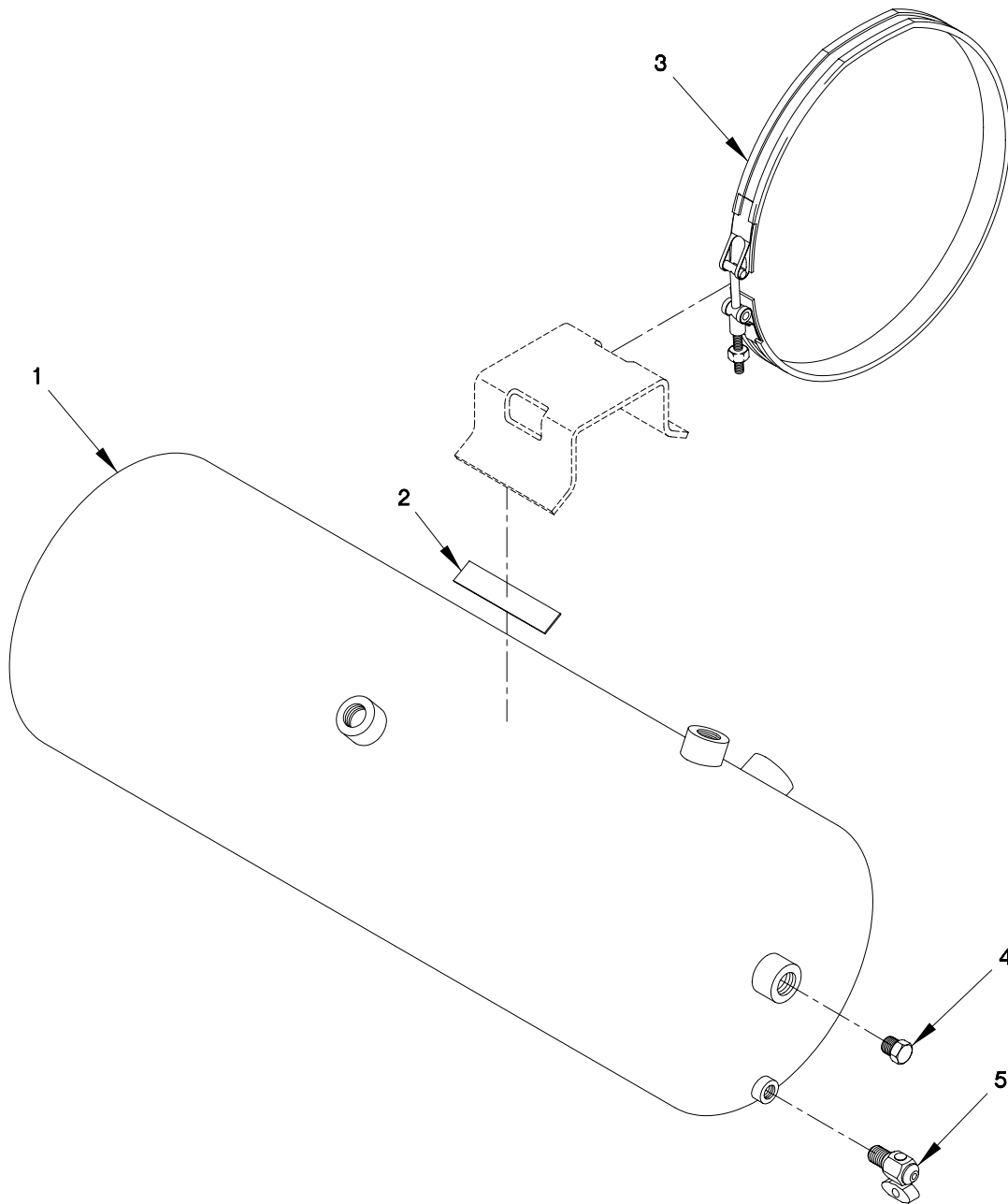


1208LT01A

Figure 17. Group 1208 ABS RELAY MODULATOR VALVE
0130 00-1 Blank/ 2

GROUP 1208 ABS RELAY MODULATOR VALVE – Continued**0130 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	4730-01-540-1489	81343	8-6 140137B	BUSHING,PIPE	1
2	PAOZZ	4730-01-311-0242	81343	12-8 130140B	BUSHING,PIPE	2
3	PAOZZ		19207	12486369	MODULATOR,RELAY ABS	1
4	PAOZZ	4730-01-274-1825	81343	6-6 100202BA	ELBOW,PIPE TO TUBE	1
5	MOOZZ		0FW39	12420572-006X	TUBE,NONMETALLIC	V
6	MOOZZ		0FW39	12420572-008X	HOSE,NONMETALLIC	V
7	PAOZZ	4730-01-115-6643	81343	8-8 100202BA	ELBOW,PIPE TO TUBE	1
8	PAOZZ	4730-00-439-1722	79470	48X6X6	ADAPTER,STRAIGHT	2
9	PAOZZ	4720-01-540-1542	19207	12420062-020	HOSE,NON-METALLIC	2
END OF FIGURE						

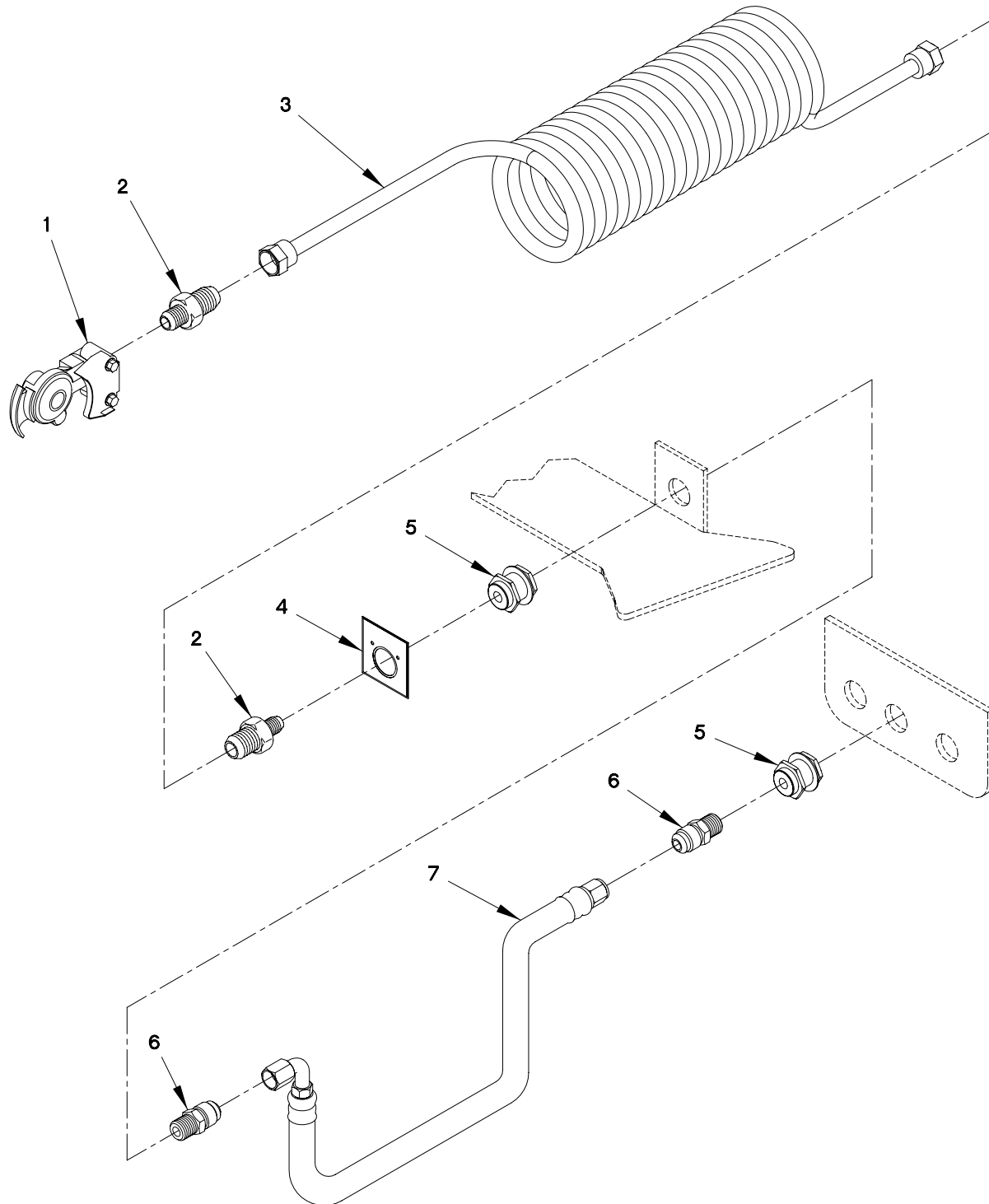


1208LT05A

Figure 18. Group 1208 AIR TANKS, DRAIN VALVE, CLAMPS & FITTINGS
0131 00-1 Blank/ 2

GROUP 1208 AIR TANKS, DRAIN VALVE, CLAMPS & FITTINGS –
Continued
0131 00

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	5430-01-479-5606	19207	12442962-006	TANK,PRESSURE	2
2	PAOZZ		19207	12486397	PAD,ISOLATION	8
3	PAOZZ		19207	12421379-013	CLAMP,UTILITY BAND	4
4	PAOZZ	4730-01-213-7733	81343	6 130109AB	PLUG,PIPE	4
5	PAOZZ	4820-01-363-2117	6721	N-30256-C	COCK,SHUTOFF,SCREW	2
END OF FIGURE						

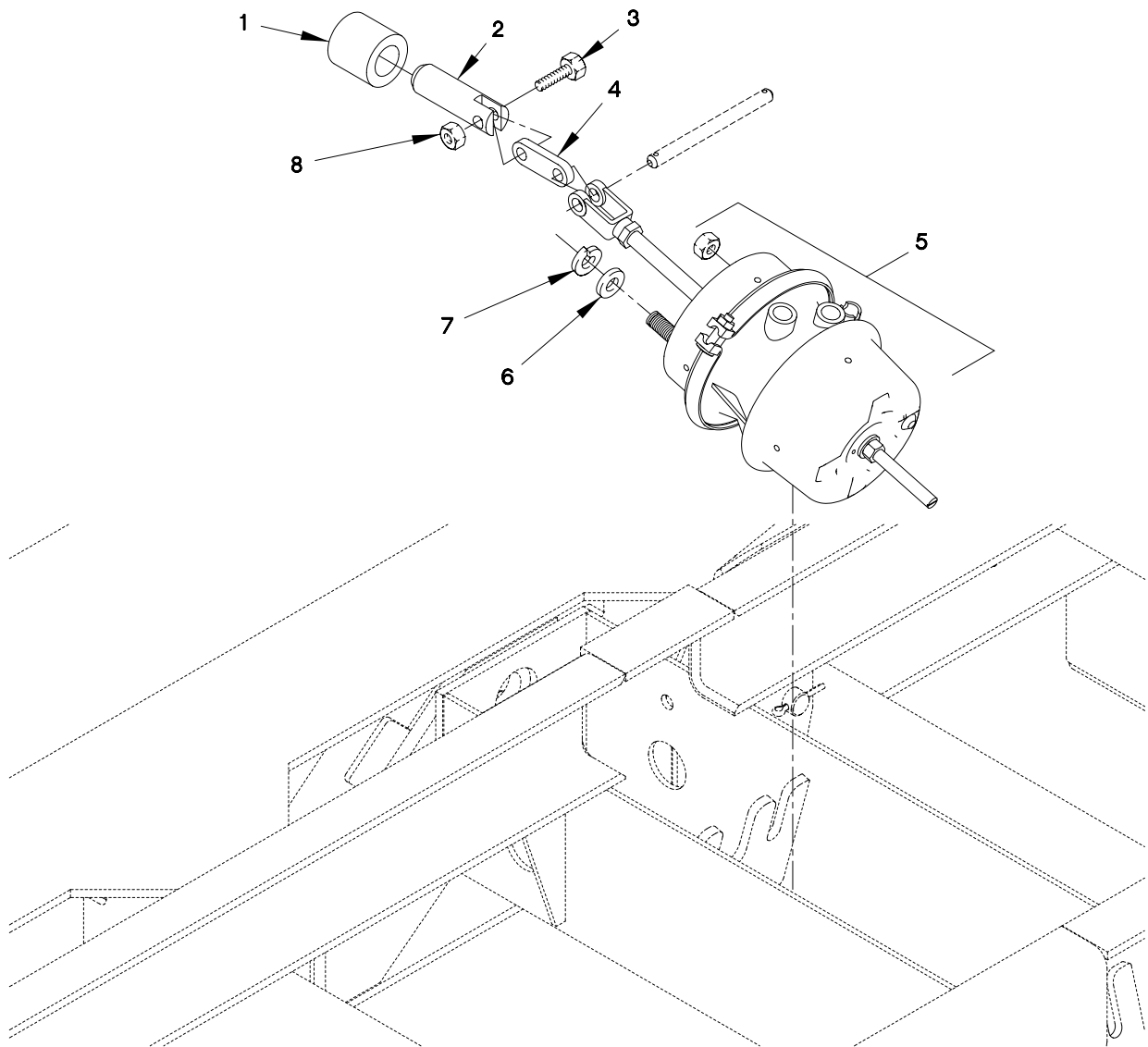


1208LT02A

Figure 19. Group 1208 EMERGENCY/ SERVICE GLADHANDS, HOSES & FITTINGS
0132 00-1 Blank/ 2

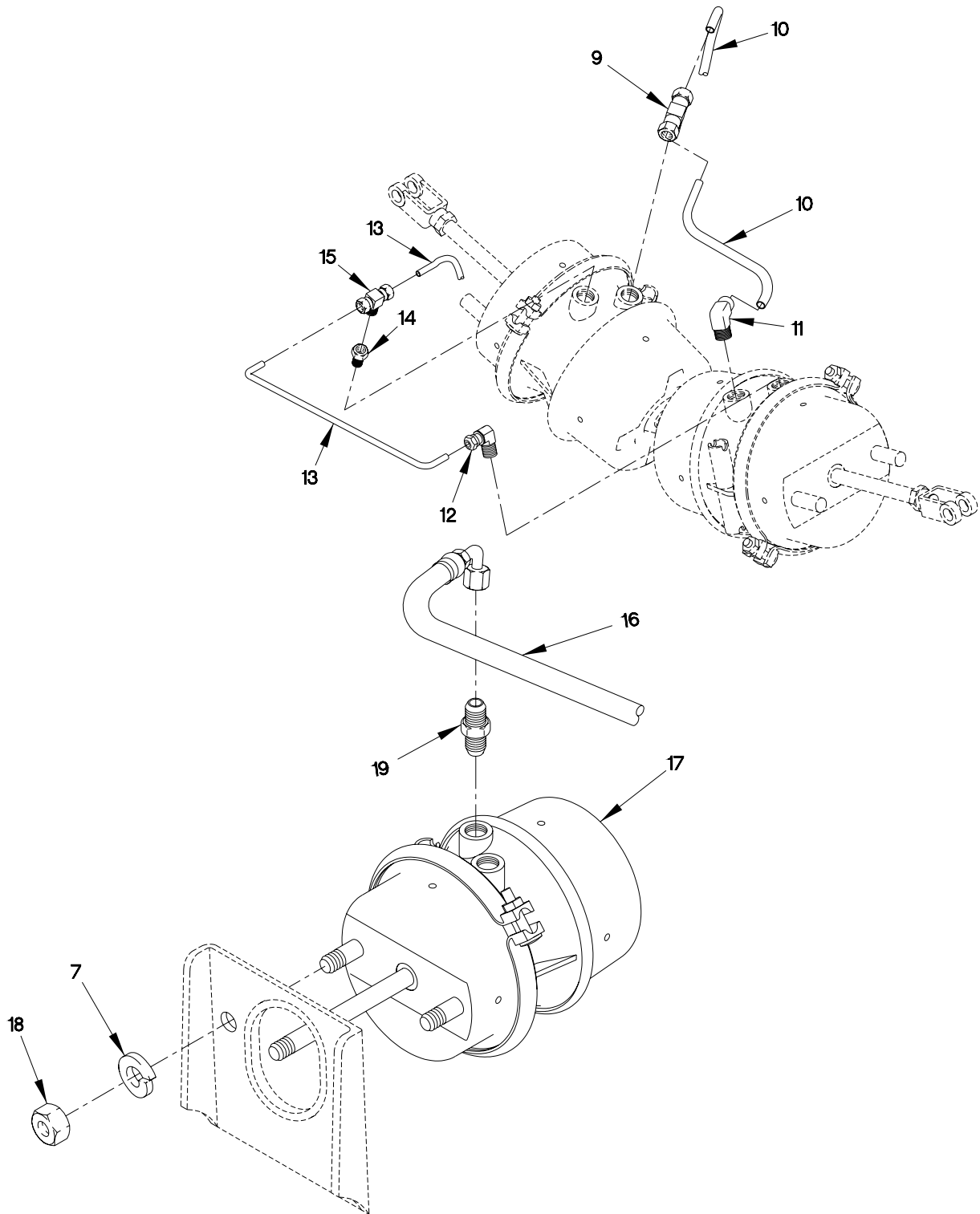
GROUP 1208 EMERGENCY/ SERVICE GLADHANDS, HOSES & FITTINGS – Continued**0132 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	3040-01-382-8736	19207	12414667-001	COUPLER,AIR BRAKE EMERGENCY	1
1	PAOZZ	4730-01-384-1441	19207	12414668-001	GLADHAND,SERVICE AS SERVICE	1
2	PAOZZ	4730-01-540-1489	81343	8-6 140137B	BUSHING,PIPE	4
3	PAOZZ	4720-01-479-7709	19207	12419965-001	HOSE ASSEMBLY,NONME SERVICE	1
3	PAOZZ	4720-01-479-7711	19207	12419965-002	HOSE ASSEMBLY,NONME EMERGENCY	1
4	PAOZZ		19207	12378849	PLATE,IDENTIFICATIO EMERGENCY	1
4	PAOZZ	9905-01-446-0253	19207	12378849-001	PLATE,IDENTIFICATIO SERVICE	1
5	PAOZZ	4730-01-540-1267	19207	12417661-002	COUPLING PIPE	4
6	PAOZZ		81343	8-6-010102B	CONNECTOR MALE	4
7	PAOZZ		19207	12420062-022	HOSE,NON-METELLC EMERGENCY	4
7	PAOZZ	4720-01-540-1477	19207	12420062-023	HOSE,NON-METELLC SERVICE	4
END OF FIGURE						



1208LT04A

Figure 20. Group 1208 AIR CHAMBERS & SPRING BRAKE (Sheet 1 of 2)
0133 00-1

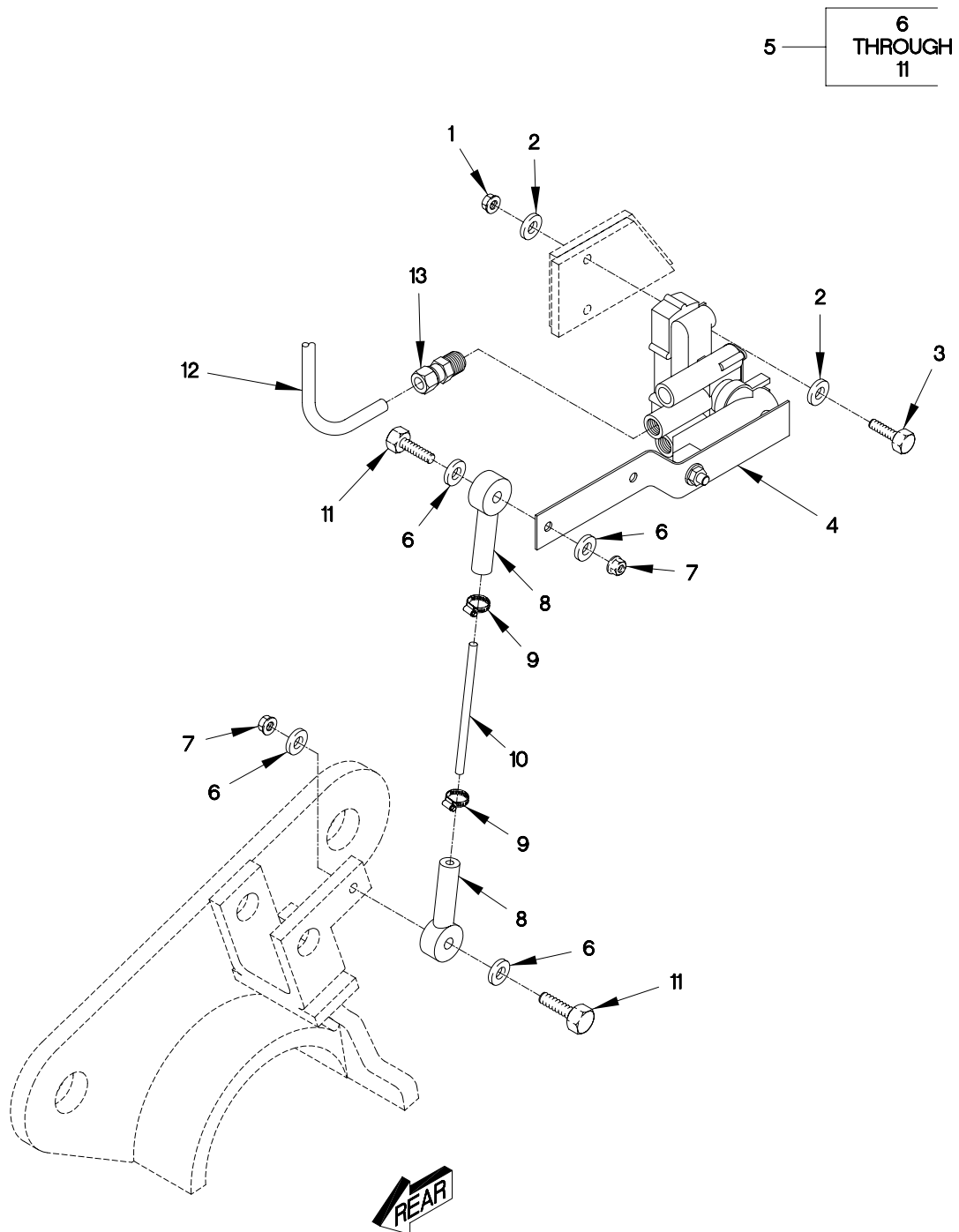


1208LT04B

Figure 20. Group 1208 AIR CHAMBERS & SPRING BRAKE (Sheet 2 of 2)
0133 00-2

GROUP 1208 AIR CHAMBERS & SPRING BRAKE – Continued**0133 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	XAOZZ		19207	12486514-117	BUSHING,LOAD BEARIN	1
2	PAOZZ	5315-01-540-1498	19207	12486417	PIN,RAIL LOCK	2
3	PAOZZ	5305-00-071-2071	80204	B1821BH050C20		2
				0N	SCREW,CAP,HEXAGON H	
4	PAOZZ	5340-01-540-3726	19207	12486420	LINK,PIN,RAIL LOCK	2
5	PAOZZ	3040-01-540-3475	19207	12486571	AIR CHAMBER,SPRING	2
6	PAOZZ		19207	12414314-009	WASHER,FLAT	2
7	PAOZZ	5310-00-820-6653	80205	MS35338-50	WASHER,LOCK	12
8	PAOZZ	5310-01-407-7178	19207	12412476-11	NUT,SELF-LOCKING,HE	2
9	PAOZZ	4730-01-283-1877	81343	6-6-6 100425BA		1
					TEE,PIPE TO TUBE	
10	MOOZZ		0FW39	12420572-006X	TUBE,NONMETALLIC	V
11	PAOZZ	4730-01-274-1825	81343	6-6 100202BA	ELBOW,PIPE TO TUBE	1
12	PAOZZ	4730-01-085-6577	81343	4-6 100202BA	ELBOW,PIPE TO TUBE	1
13	MOOZZ		0FW39	12420572-004X	TUBING,NONMETALLIC	V
14	PAOZZ	4730-00-202-6491	93061	209P-6-4	BUSHING,PIPE	1
15	PAOZZ	4730-01-123-2946	81343	4-4-4 100425BA		1
					TEE,PIPE TO TUBE	
16	PAOZZ	4720-01-540-1752	19207	12420062-021	HOSE,NON-METALLIC	4
17	PAOZZ	2530-01-539-8888	15460	034-058-01	AIR CHAMBER ASSEMBL	4
18	PAOZZ	5310-00-763-8920	96906	MS51967-20	NUT,PLAIN,HEXAGON	8
19	PAOZZ	4730-00-439-1722	79470	48X6X6	ADAPTER,STRAIGHT	4
END OF FIGURE						

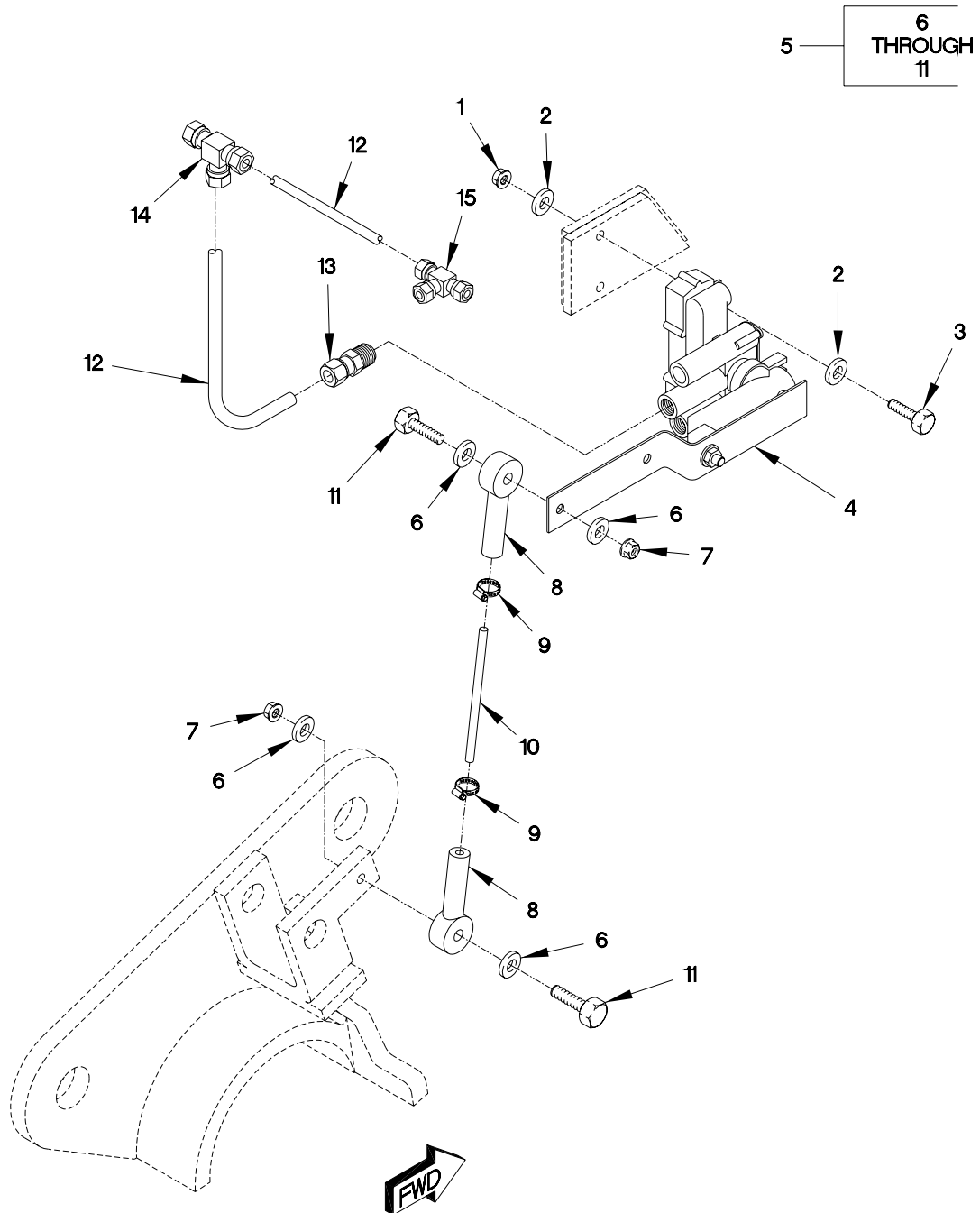


1208LT08A

Figure 21. Group 1208 HEIGHT CONTROL VALVE, LINKAGE & FITTINGS (Sheet 1 of 2)
0134 00-1

GROUP 1208 HEIGHT CONTROL VALVE, LINKAGE & FITTINGS –
Continued

0134 00

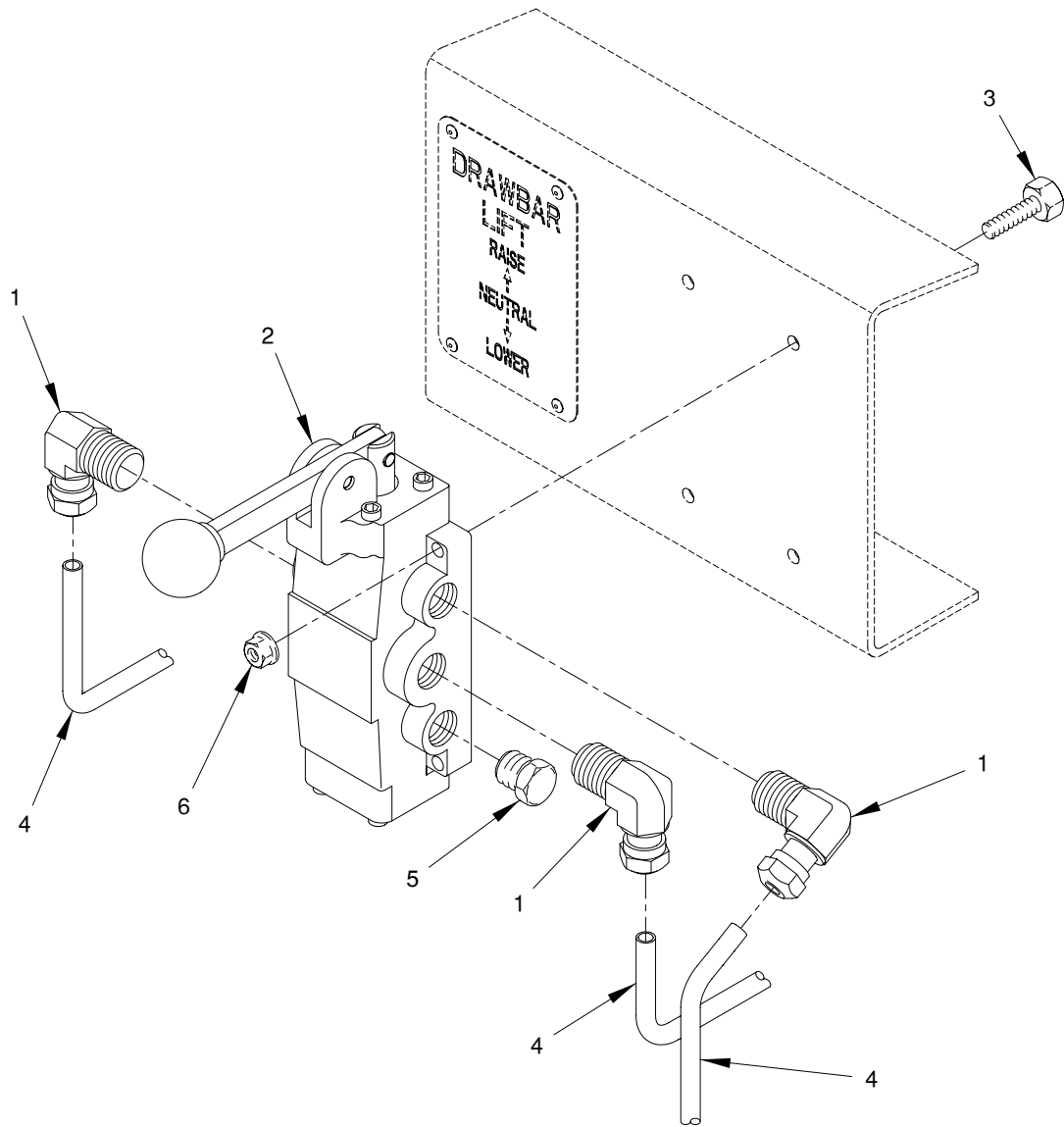


1208LT08B

Figure 21. Group 1208 HEIGHT CONTROL VALVE, LINKAGE & FITTINGS (Sheet 2 of 2)
0134 00-2

GROUP 1208 HEIGHT CONTROL VALVE, LINKAGE & FITTINGS –
Continued
0134 00

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	5310-00-088-1251	81349	M45913/1-4CG5C	NUT,SELF-LOCKING,HE	2
2	PAOZZ	5310-01-352-9575	19207	NAS1149C0363R	WASHER,FLAT	8
3	PAOZZ	5305-00-225-3839	80205	MS90725-8	SCREW,HEX CAP	2
4	PAOZZ		19207	12486362	VALVE,HEIGHT CONTRL	2
5	PAOOO		19207	12486411	LINKAGE,ADJUSTABLE	2
6	PAOZZ	5310-00-823-8804	96906	MS27183-9	.WASHER,FLAT	4
7	PAOZZ	5310-00-088-1251	81349	M45913/1-4CG5C	.NUT,SELF-LOCKING,HE	2
8	PAOZZ		6721	90054516	.ADJUSTABLE LINKAGE	2
9	PAOZZ		6721	93900198	.CLAMP	2
10	XAOZZ		6721	90006396	.ROD	1
11	PAOZZ	5305-01-485-6049	80205	MS90725-10	.SCREW,CAP,HEXAGON H	2
12	MOOZZ		0FW39	12420572-004X	TUBING,NONMETALLIC	V
13	PAOZZ	4730-01-091-9212	81343	4-4-100102BA	ADAPTER,STRAIGHT,PI	2
14	PAOZZ	4730-01-095-3430	93061	264NTA-4	TEE,TUBE	2
END OF FIGURE						

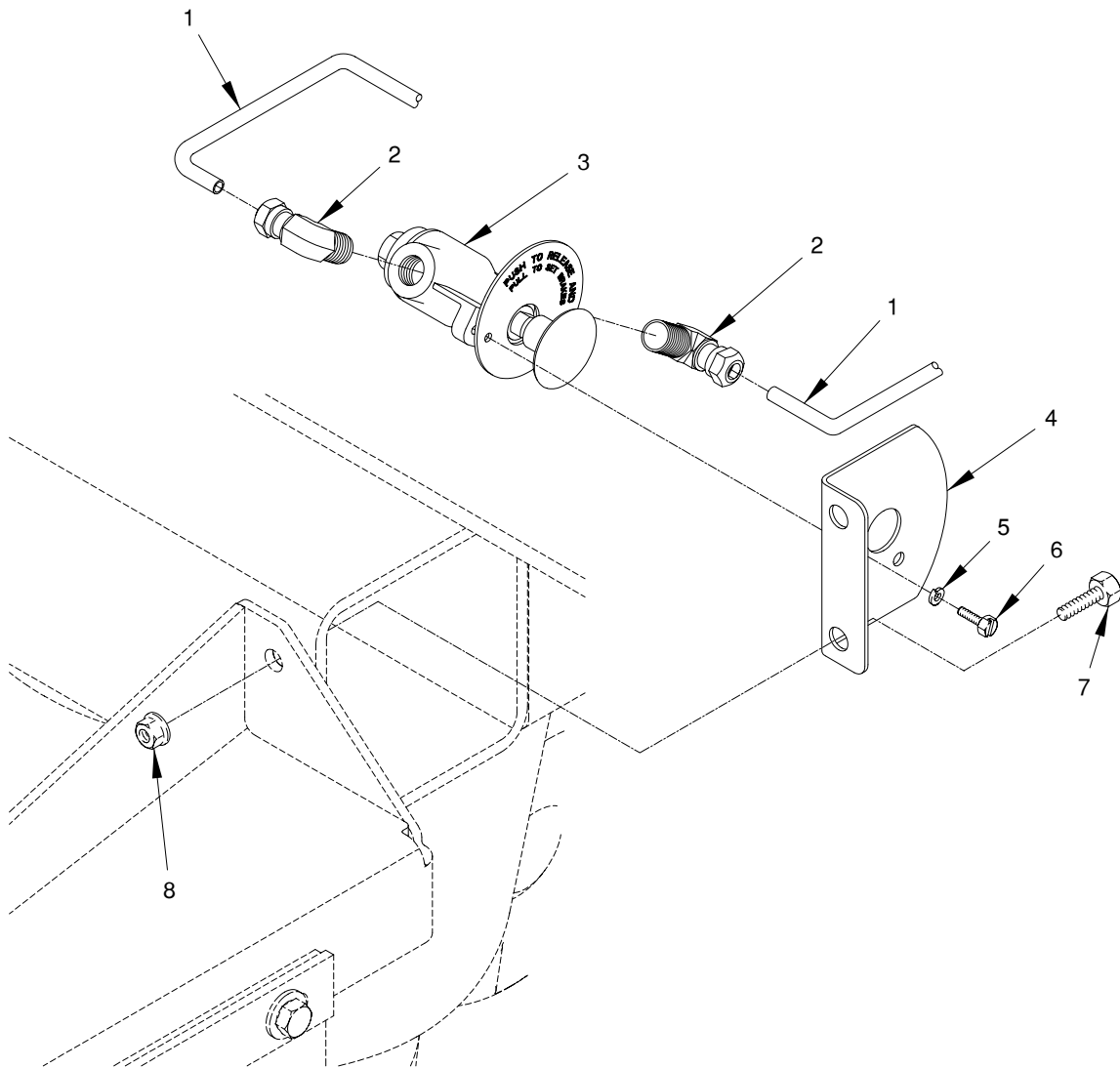


1208LT07A

Figure 22. Group 1208 DRAWBAR LIFT AIR VALVE
0135 00-1 Blank/ 2

GROUP 1208 DRAWBAR LIFT AIR VALVE – Continued**0135 00**

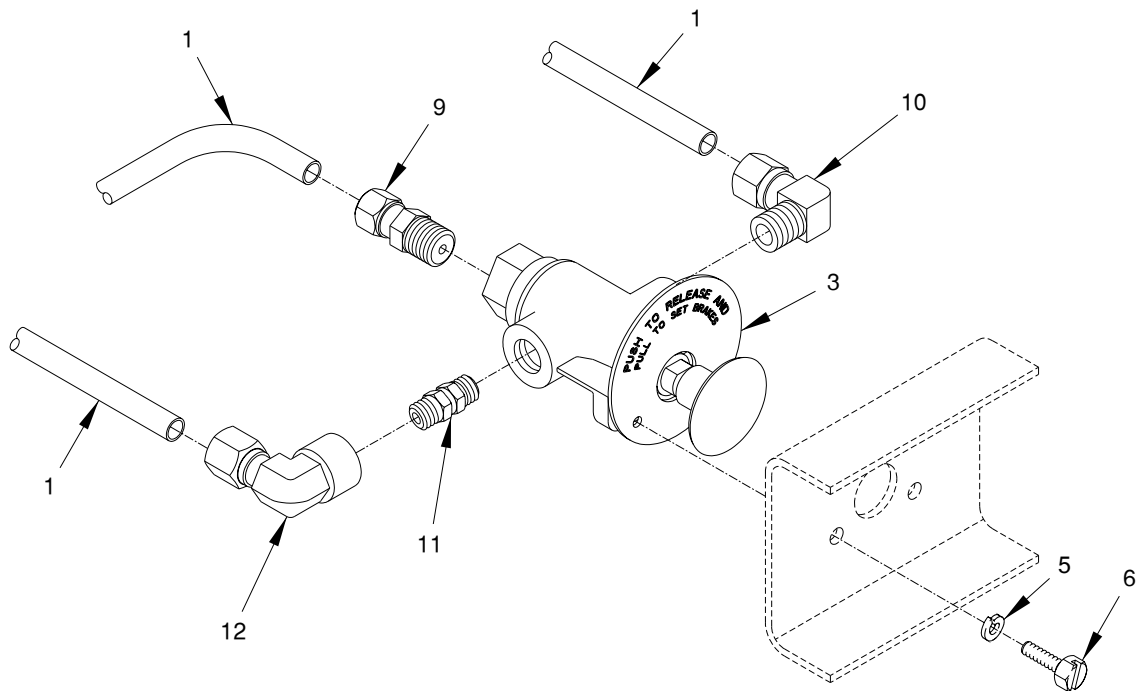
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	4730-01-085-6577	81343	4-6 100202BA	ELBOW,PIPE TO TUBE	3
2	PAOOO	2510-01-540-1337	19207	12486447	AIR VALVE	1
3	PAOZZ	5305-00-984-6214	80205	MS35206-267	SCREW HEX 10-24 X 1	4
4	MOOZZ		0FW39	12420572-004X	TUBING,NONMETALLIC	V
5	PAOZZ	4730-01-213-7733	81343	6 130109AB	PLUG,PIPE	2
6	PAOZZ	5310-01-466-0565	0FW39	12412476-04	NUT,SELF-LOCKING,CO	4
END OF FIGURE						



1208LT09A

Figure 23. Group 1208 PUSH/ PULL VALVES, TUBING & FITTINGS (Sheet 1 of 2)
0136 00-1

GROUP 1208 PUSH/ PULL VALVES, TUBING & FITTINGS – Continued 0136 00

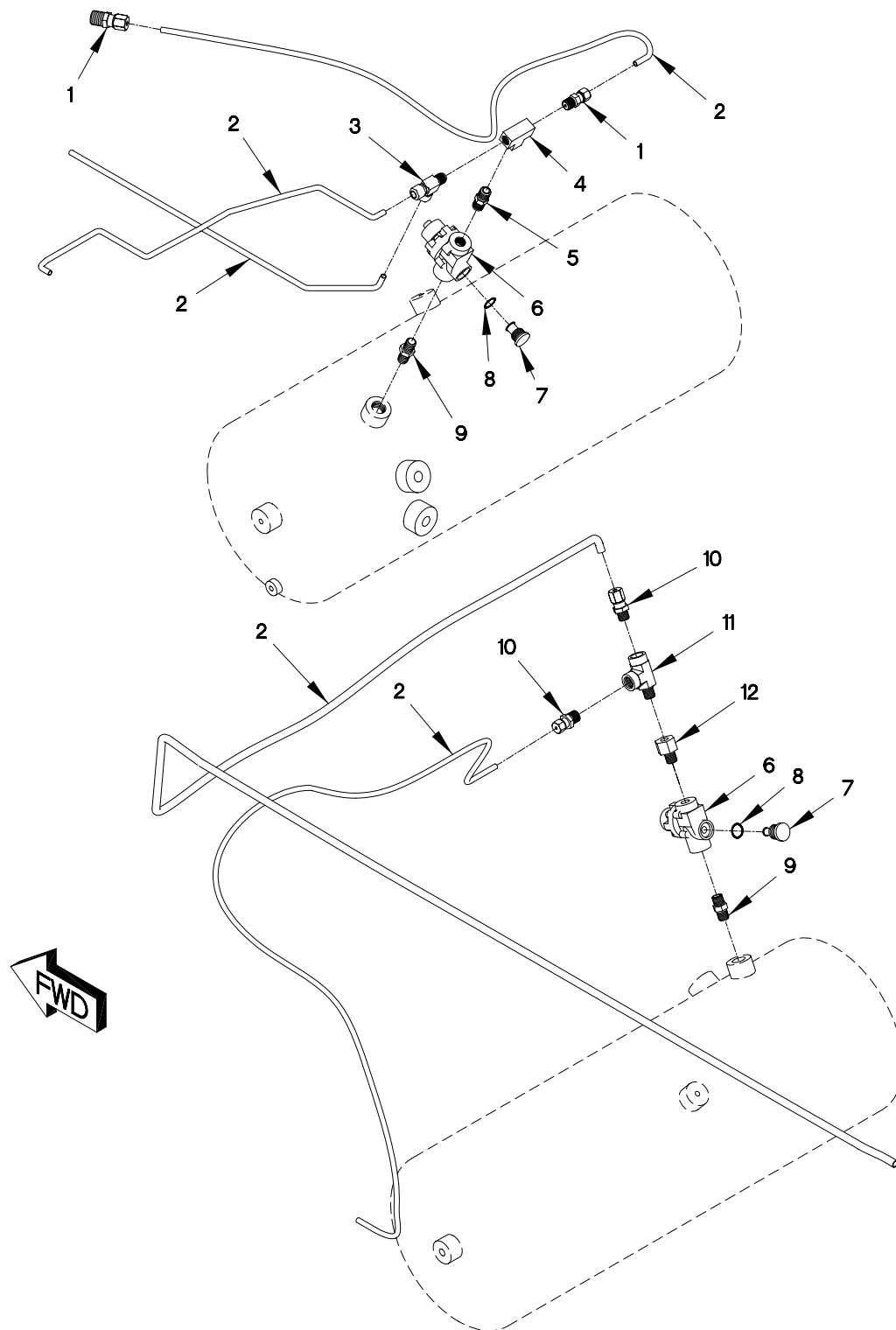


1208LT09B

Figure 23. Group 1208 PUSH/ PULL VALVES, TUBING & FITTINGS (Sheet 2 of 2)
0136 00-2

GROUP 1208 PUSH/ PULL VALVES, TUBING & FITTINGS – Continued 0136 00

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	MOOZZ		0FW39	12420572-004X	TUBING, NONMETALLIC	V
2	PAOZZ	4730-01-086-4064	79470	1469X4X4	ELBOW, PIPE TO TUBE	2
3	PAOZZ		19207	12442963	PUSH-PULL VALVE	2
4	PAOZZ	5340-01-540-0480	19207	12486730	BRACKET, VALVE	1
5	PAOZZ	5310-00-933-8120	96906	MS35338-138	WASHER, LOCK, CRES	4
6	PAOZZ	5305-01-367-1294	96906	MS51849-64C	SCREW, MACHINE	4
7	PAOZZ	5305-00-269-3211	80205	MS90725-60	SCREW, ROLLER ASSEMB	2
8	PAOZZ	5310-01-445-6346	19207	12412476-09	NUT, SELF-LOCKING, HE	2
9	PAOZZ	4730-01-091-9212	81343	4-4-100102BA	ADAPTER, STRAIGHT, PI	1
10	PAOZZ	4730-00-069-1187	81343	6-4 100202BA	ELBOW, PIPE TO TUBE	1
11	PAOZZ	4820-01-540-3453	0FW39	12421167-001	VALVE, CHECK	1
12	PAOZZ	4730-01-134-6989	81343	6-4 100203BA	ELBOW, PIPE TO TUBE	1
END OF FIGURE						



1208LT11A

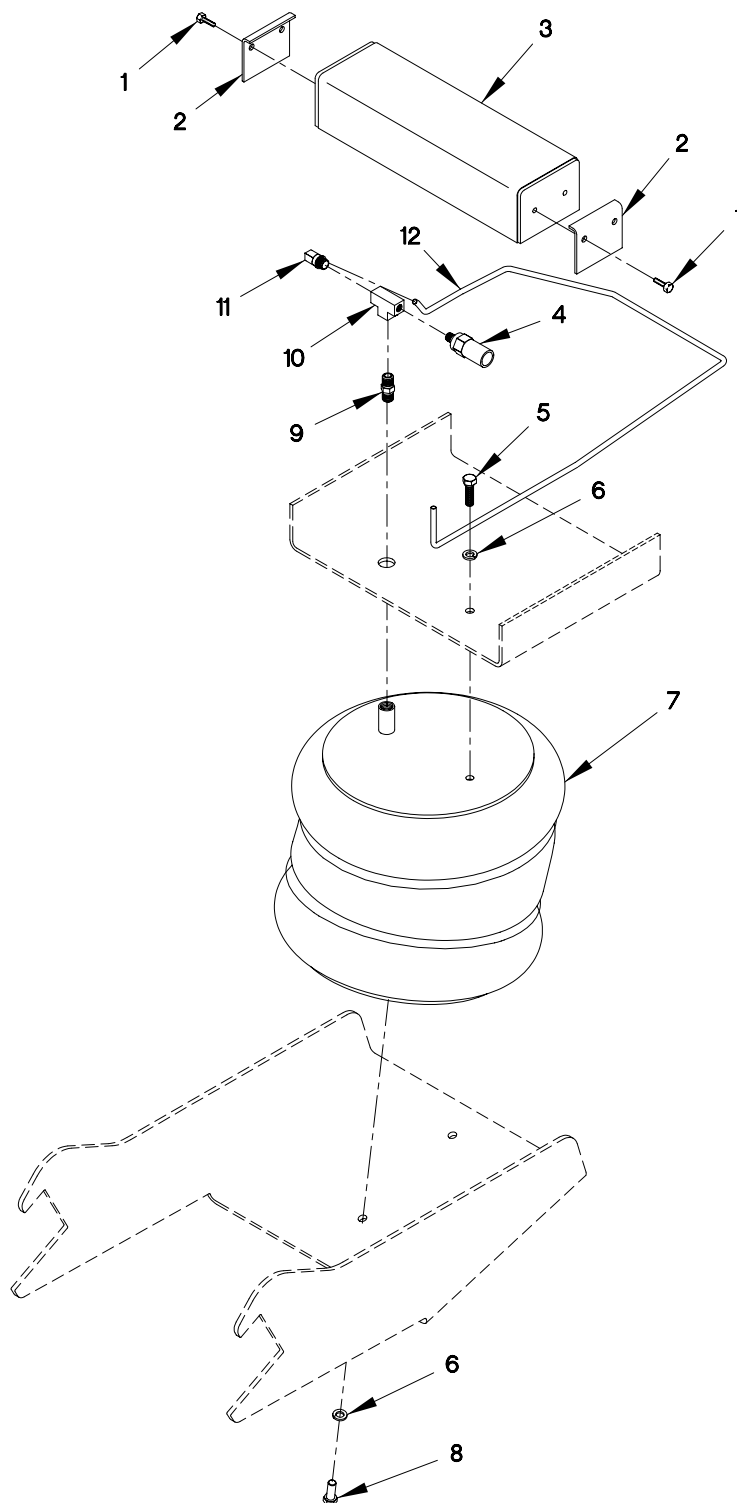
Figure 24. Group 1208 BRAKE PROTECTION VALVE TUBES & FITTINGS
0137 00-1 Blank/ 2

**GROUP 1208 BRAKE PROTECTION VALVE TUBES & FITTINGS –
Continued****0137 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	4730-01-091-9212	81343	4-4-100102BA	ADAPTER,STRAIGHT,PI	3
2	MOOZZ		0FW39	12420572-004X	TUBING,NONMETALLIC	V
3	PAOZZ	4730-01-372-6528	81343	4-4-4 100424BA		1
					TEE,PIPE TO TUBE	
4	PAOZZ	4730-01-268-2402	81343	4-4-4 140438B	TEE,PIPE	1
5	PAOZZ		81343	4-130137B	NIPPLE,HEX	1
6	PAOZZ		19207	12486633	BRAKE PROTECT VALVE	2
7	PAOZZ		6721	90054466	.FILTER,FITTING PLUG	1
8	PAOZZ		6721	90054859	.O-RING	1
9	PAOZZ		81343	8-4 130137B	FITTING,NIPPLE	2
10	PAOZZ	4730-01-096-9398	81343	4-6 100102BA	ADAPTER,STRAIGHT,PI	2
11	PAOZZ	4730-01-539-9850	81343	6-6-6-140424B	FITTING,PIPE	1
12	PAOZZ	4730-00-200-0257	81343	6-4 130139B	REDUCER,PIPE	1
END OF FIGURE						

GROUP 1208 AIR SPRING, PRESSURE-RELIEF VALVE, TUBES & FITTINGS

0138 00

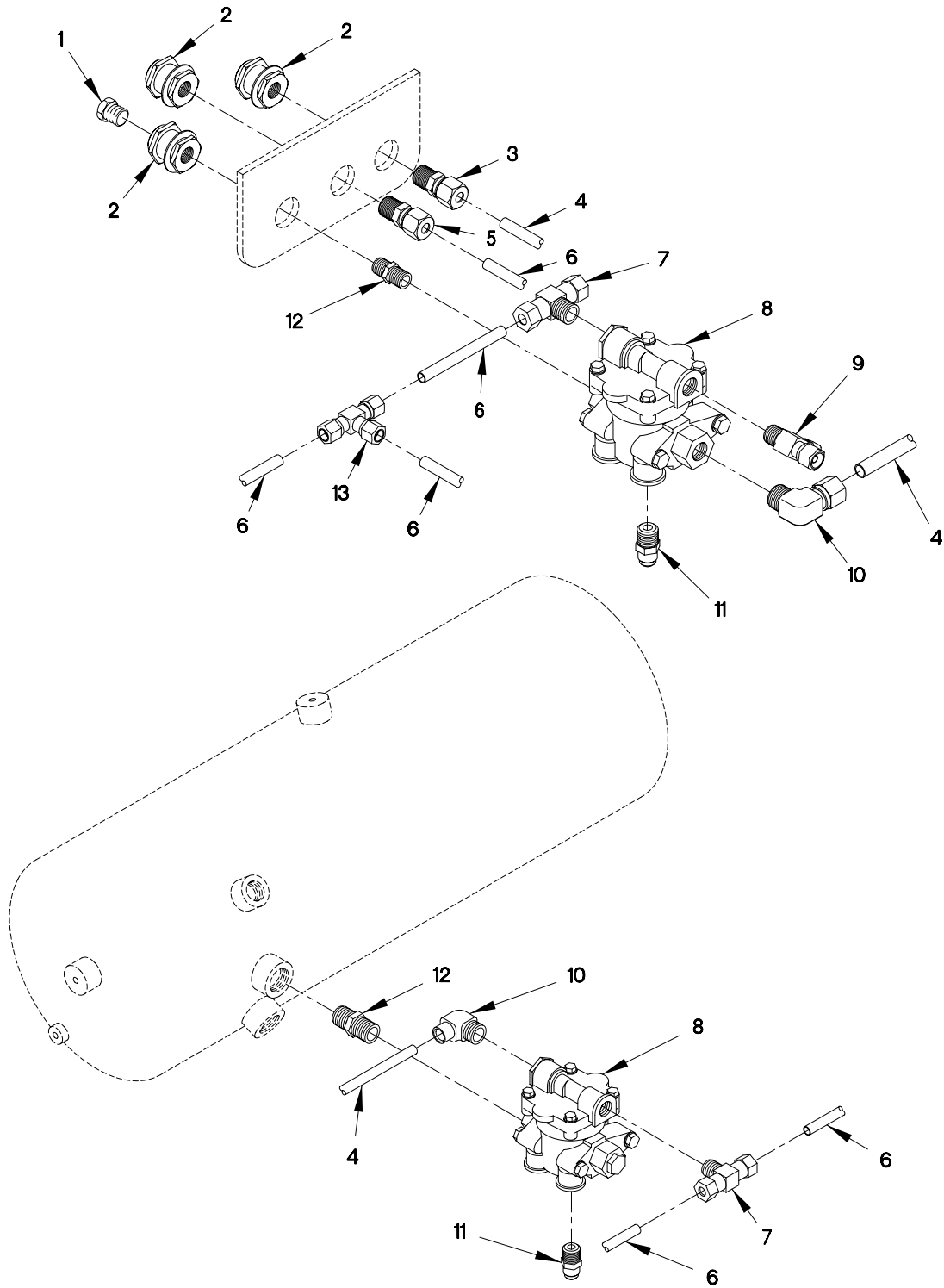


1208LT13A

Figure 25. Group 1208 AIR SPRING, PRESSURE-RELIEF VALVE, TUBES & FITTINGS
0138 00-1 Blank/ 2

GROUP 1208 AIR SPRING, PRESSURE-RELIEF VALVE, TUBES & FITTINGS – Continued**0138 00**

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
1	PAOZZ	5305-00-489-0743	96906	MS51849-96	SCREW, HEX CAP	4
2	PAOZZ	4820-01-540-0493	19207	12486361	CLAMP,COVER,VALVE	2
3	PAOZZ		19207	12486817	COVER,SAFETY VALVE	1
4	PAOZZ		19207	12486760	VALVE,SAFETY 35PSI	1
5	PAOZZ	5305-00-269-3213	80205	MS90725-62	SCREW,CAP HEXAGON H	1
6	PAOZZ	5310-00-004-5033	80205	MS35338-46	WASHER, LOCK	3
7	PAOZZ		19207	12486603	AIR SPRING CONVOLU	1
8	PAOZZ	5305-00-269-3211	80205	MS90725-60	SCREW,ROLLER ASSEMB	2
9	PAOZZ		81343	4-130137B	NIPPLE,HEX	1
10	PAOZZ	4730-01-268-2402	81343	4-4-4 140438B	TEE,PIPE	1
11	PAOZZ	4730-01-086-4064	79470	1469X4X4	ELBOW,PIPE TO TUBE	1
12	MOOZZ		0FW39	12420572-004X	TUBING,NONMETALLIC	V
END OF FIGURE						

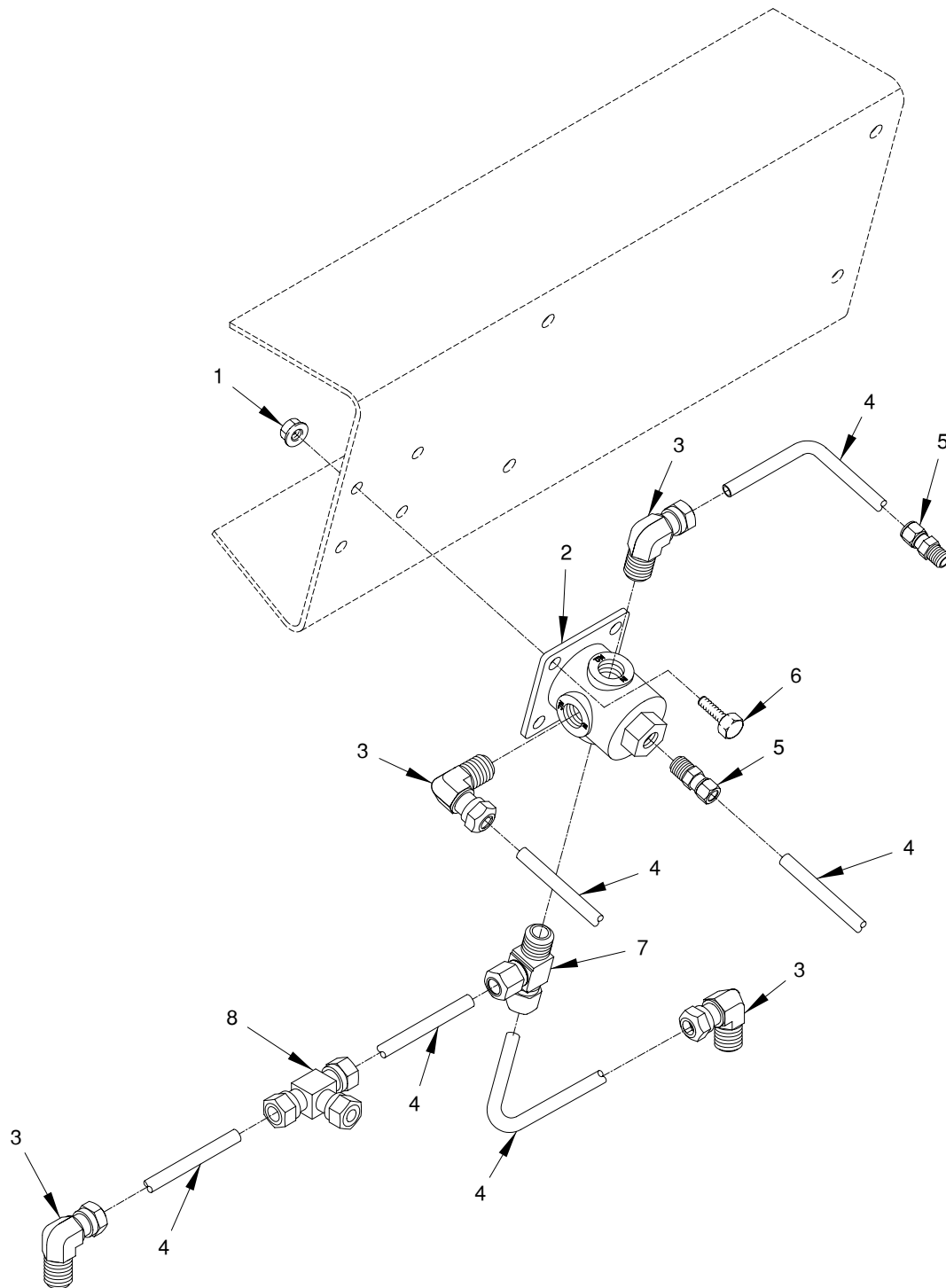


1208LT12A

Figure 26. Group 1208 TASK VALVE, TUBES & FITTINGS
0139 00-1 Blank/ 2

GROUP 1208 TASK VALVE, TUBES & FITTINGS – Continued**0139 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	4730-01-213-7733	81343	6 130109AB	PLUG,PIPE	1
2	PAOZZ	4730-01-540-1267	19207	12417661-002	COUPLING PIPE	3
3	PAOZZ	4730-01-091-8032	1276	1468X8	ADAPTER,STRAIGHT,PI	1
4	MOOZZ		0FW39	12420572-008X	HOSE,NONMETALLIC	V
5	PAOZZ	4730-01-096-9128	1276	1468X6X6	ADAPTER,STRAIGHT,PI	1
6	MOOZZ		0FW39	12420572-006X	TUBE,NONMETALLIC	V
7	PAOZZ	4730-01-283-1877	81343	6-6-6 100425BA	TEE,PIPE TO TUBE	1
8	PAOZZ	2530-01-483-3949	19207	12442787	ACTUATOR,SPRING BRA	2
9	PAOZZ	4730-01-134-3568	81343	8-6-8 100424BA	TEE,PIPE TO TUBE	1
10	PAOZZ	4730-01-095-7717	81343	8-6 100202BA	ELBOW,PIPE TO TUBE	2
11	PAOZZ	4730-00-439-1722	79470	48X6X6	ADAPTER,STRAIGHT	2
12	PAOZZ	4730-01-540-1489	81343	8-6 140137B	BUSHING,PIPE	1
13	PAOZZ	4730-01-134-3571	81343	6-6-6 100401BA	TEE,TUBE	1
END OF FIGURE						

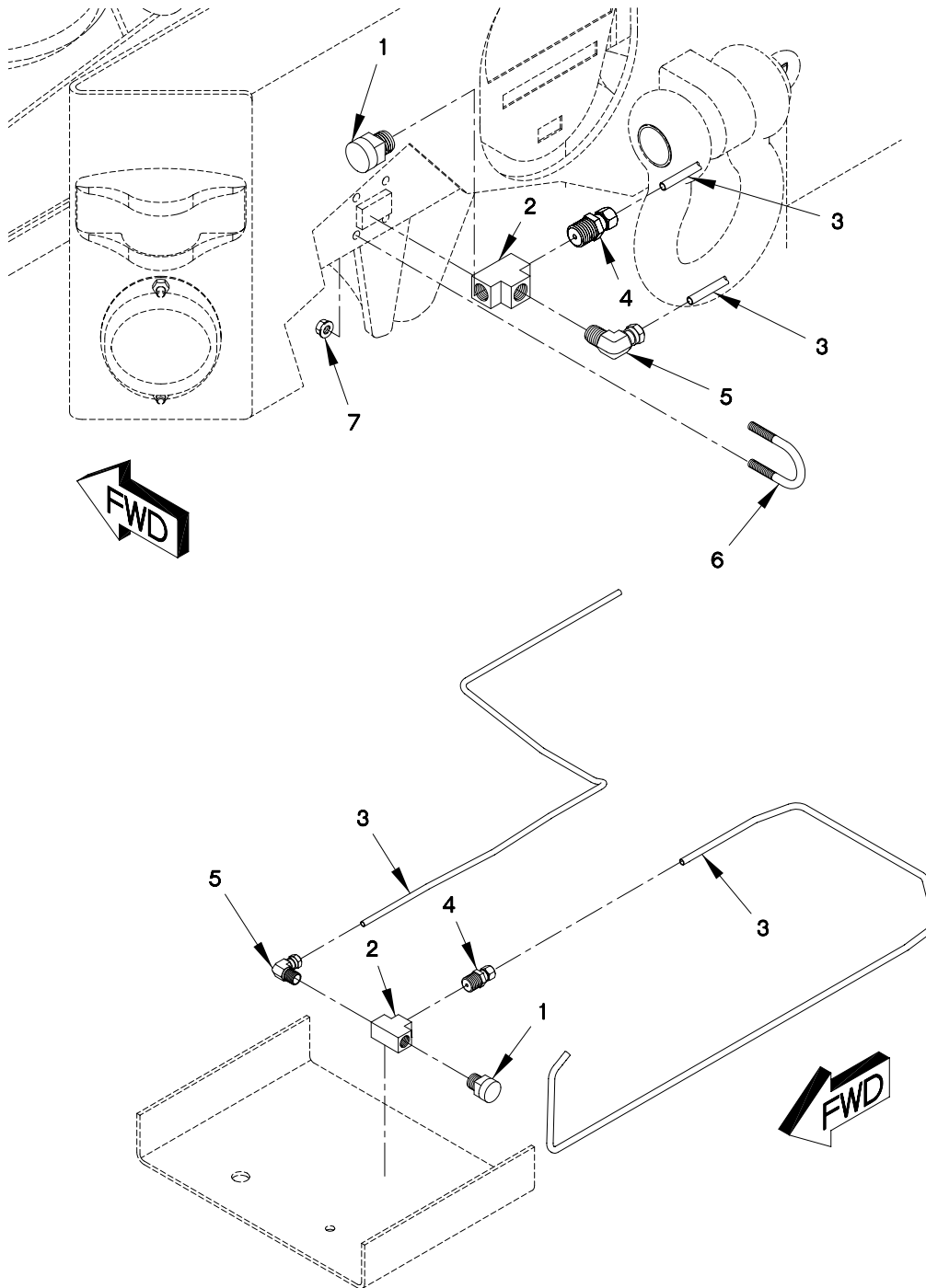


1208LT10A

Figure 27. Group 1208 AIR RI DE CONTROL VALVE, TUBES & FITTINGS
0140 00-1 Blank/ 2

**GROUP 1208 AIR RIDE CONTROL VALVE, TUBES & FITTINGS –
Continued****0140 00**

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
1	PAOZZ	5310-00-088-1251	81349	M45913/1-4CG5C	NUT,SELF-LOCKING,HE	4
2	PAOZZ		19207	12486363	VALVE,AIR RIDE CONT	1
3	PAOZZ	4730-01-086-4064	79470	1469X4X4	ELBOW,PIPE TO TUBE	4
4	MOOZZ		0FW39	12420572-004X	TUBING,NONMETALLIC	V
5	PAOZZ	4730-01-091-9212	81343	4-4-100102BA	ADAPTER,STRAIGHT,PI	2
6	PAOZZ	5305-00-489-0743	96906	MS51849-96	SCREW, HEX CAP	4
7	PAOZZ	4730-01-372-6528	81343	4-4-4 100424BA	TEE,PIPE TO TUBE	1
8	PAOZZ	4730-01-095-3430	93061	264NTA-4	TEE,TUBE	1
END OF FIGURE						

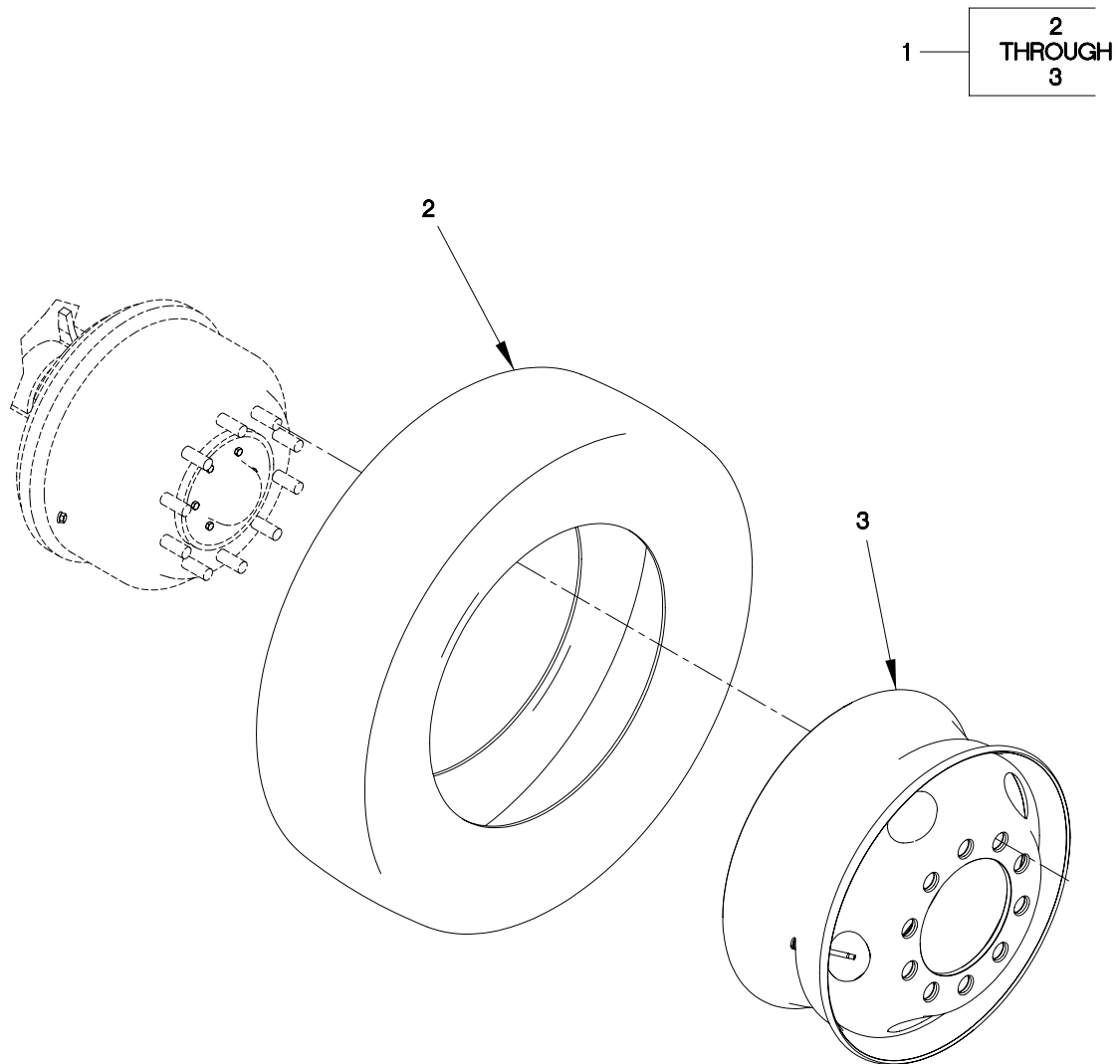


1208LT06A

Figure 28. Group 1208 BREATHER VALVES, TUBES & FITTINGS
0141 00-1 Blank/ 2

GROUP 1208 BREATHER VALVES, TUBES & FITTINGS – Continued 0141 00

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	2440-01-360-7372	19207	12422997	VALVE,BREATHER	2
2	PAOZZ	4730-01-539-9303	81343	6-6-6 140438B	TEE,PIPE	2
3	MOOZZ		0FW39	12420572-004X	TUBING,NONMETALLIC	V
4	PAOZZ	4730-01-096-9398	81343	4-6 100102BA	ADAPTER,STRAIGHT,PI	2
5	PAOZZ	4730-01-085-6577	81343	4-6 100202BA	ELBOW,PIPE TO TUBE	2
6	PAOZZ		19207	12484560-001	U-BOLT	2
7	PAOZZ	5310-01-436-3290	80205	MS17830-010C	NUT,PLAIN,HEXAGON	4
END OF FIGURE						

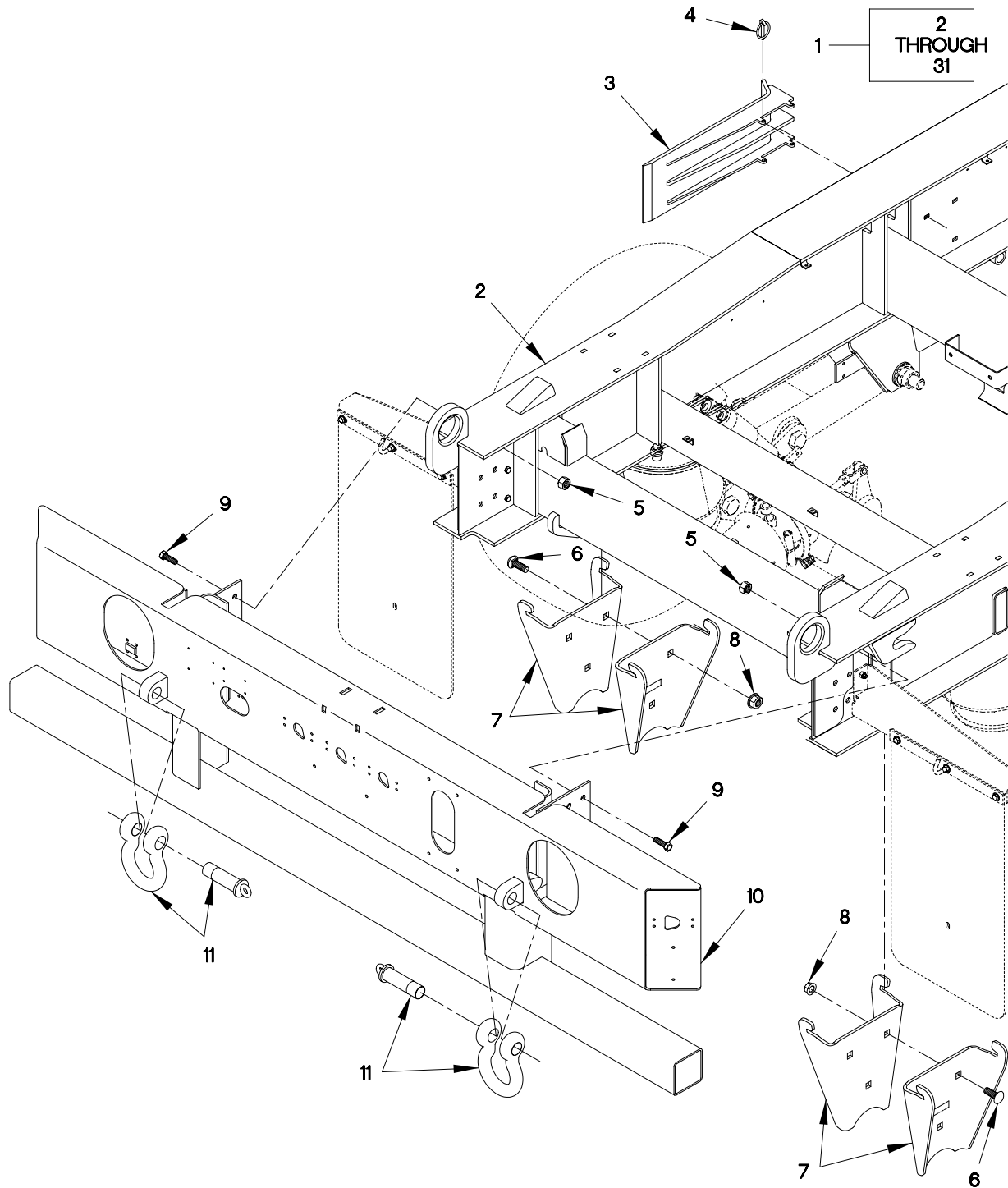


1311LT01A

Figure 29. Group 1311 TIRE & WHEEL ASSEMBLY
0142 00-1 Blank/ 2

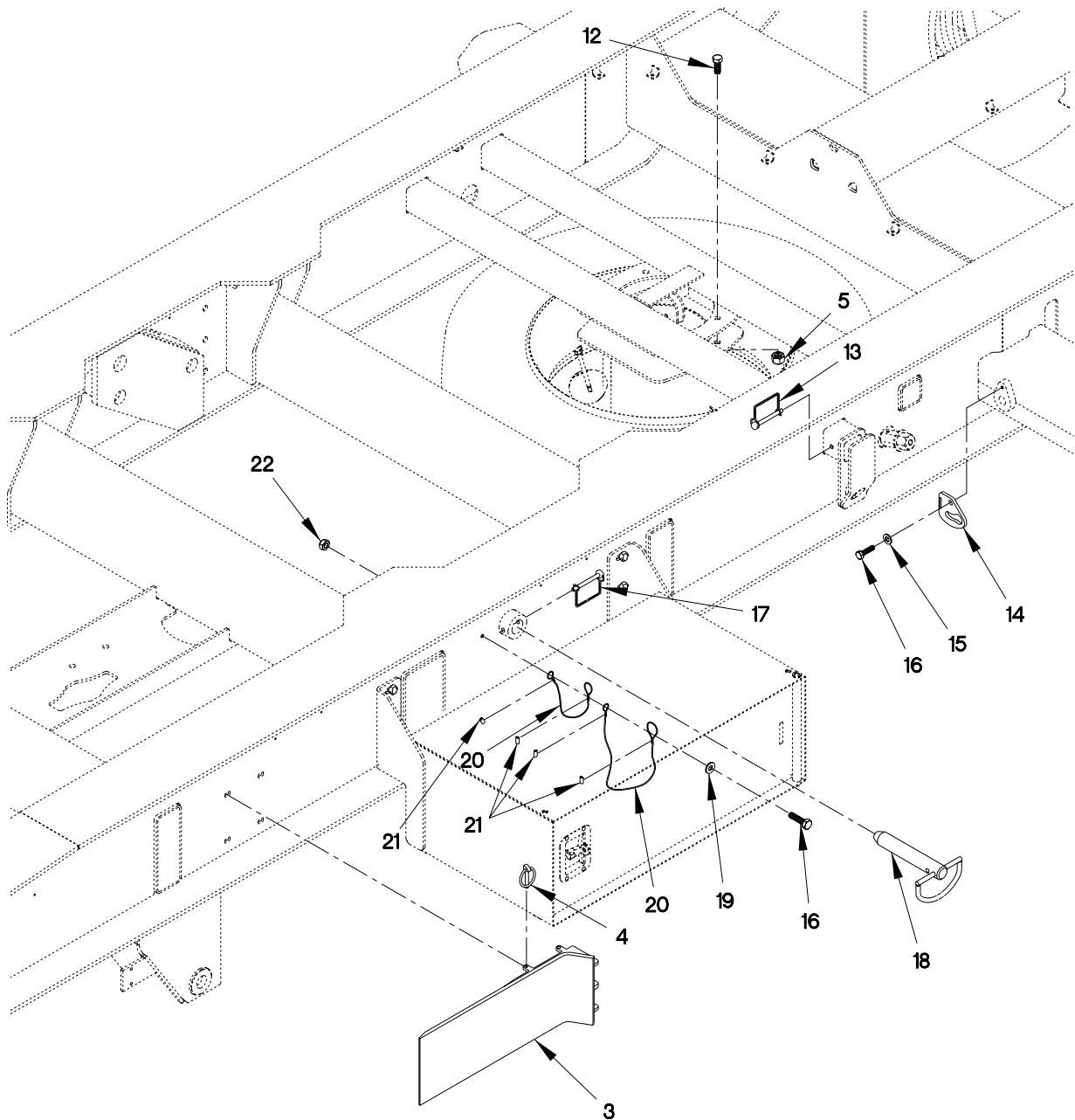
GROUP 1311 TIRE & WHEEL ASSEMBLY – Continued**0142 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOOO		19207	12486322	TIRE,ON-OFF HIGHWAY	5
2	PCFZZ	2610-01-518-5292	12195	42407	.TIRE OFF-ROAD	1
3	PAOZZ		19207	12486616	.WHEEL OFF-ROAD	5
END OF FIGURE						



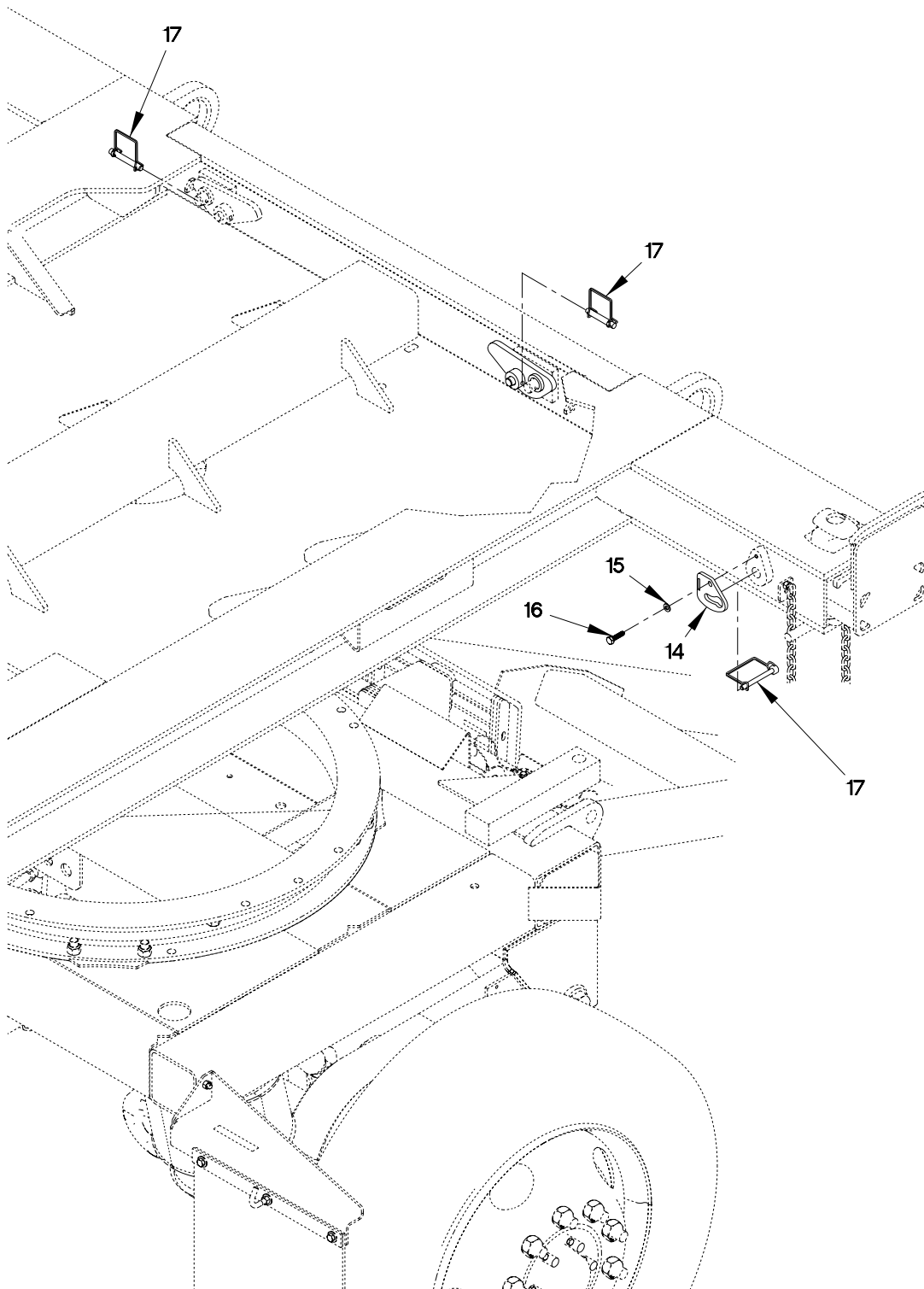
1501LT09A

Figure 30. Group 1501 CHASSIS & REAR PANEL ASSEMBLY (Sheet 1 of 4)
0143 00-1



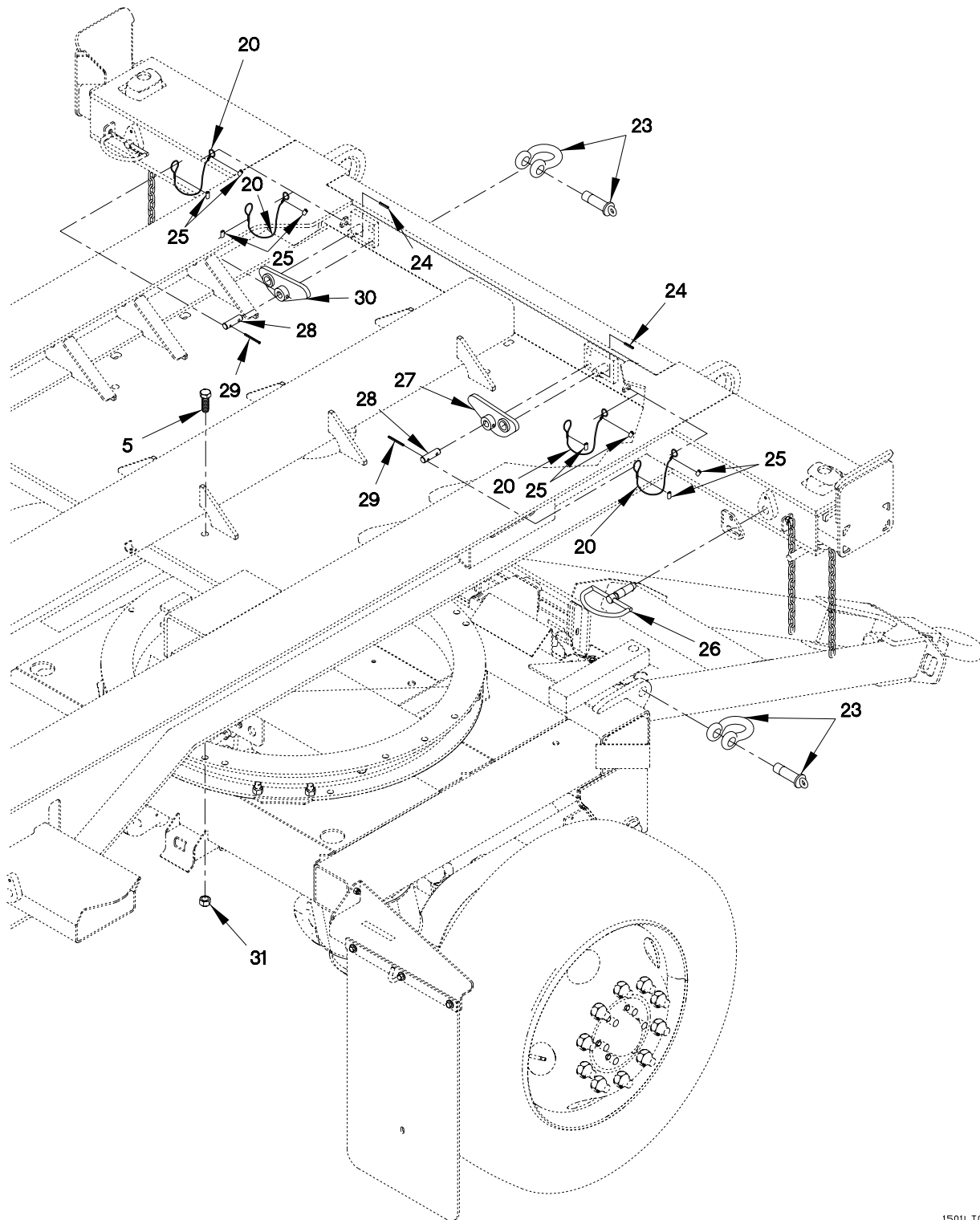
1501LT09B

Figure 30. Group 1501 CHASSIS & REAR PANEL ASSEMBLY (Sheet 2 of 4)
0143 00-2



1501LT09C

Figure 30. Group 1501 CHASSIS & REAR PANEL ASSEMBLY (Sheet 3 of 4)
0143 00-3

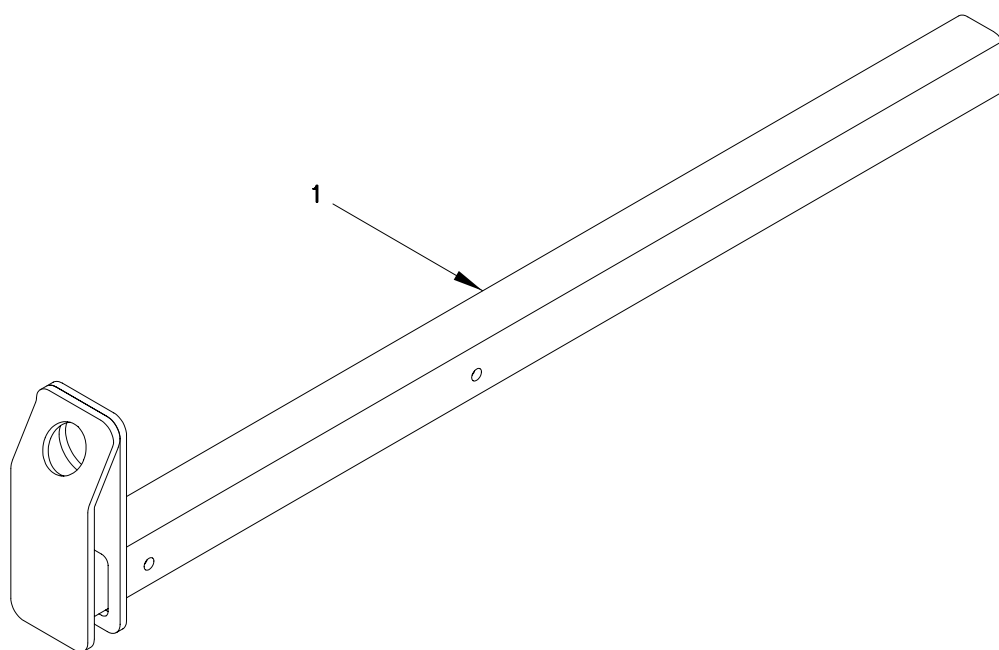


1501LT09D

Figure 30. Group 1501 CHASSIS & REAR PANEL ASSEMBLY (Sheet 4 of 4)
0143 00-4

GROUP 1501 CHASSIS & REAR PANEL ASSEMBLY – Continued**0143 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	XCOFH		19207	12486588	CHASSIS	1
2	XAOZZ		19207	12486511	.FRAME,LHST	1
3	PAOZZ	3990-01-540-1432	19207	12486736	.RAMP,CROP	2
4	PAOZZ		19207	12486602	.PIN,LYNCH	8
5	PAOZZ	5310-00-225-6993	81349	M45913/1- 8CG5C	.NUT,SELF-LOCKING,HE	22
6	PAOZZ	5305-01-540-0890	80205	MS90725-163	.BOLT	14
7	PAOZZ		19207	12486777	.TRANSPORT BRACKET	4
8	PAOZZ	5310-00-763-8920	96906	MS51967-20	.NUT,PLAIN,HEXAGON	6
9	PAOZZ	5305-01-325-8388	80205	MS90725-113	.SCREW, HEX CAP	12
10	PAOZZ		19207	12486512	.PANEL,REAR ASSEMBLY	1
11	PAOZZ		19207	12378642-005	.SHACKLE, ANCHOR TIE	2
12	PAOZZ		80205	MS90725-111	.SCREW, HEX CAP	3
13	PAOZZ	4010-01-540-2119	19207	12486533	.LANDYARD ASSY	1
14	PAOZZ		19207	12486816	.PLATE,PIN LOCK	4
15	PAOZZ	5310-01-352-9593	80205	NAS1149C0463R		4
					.WASHER,FLAT	
16	PAOZZ	5305-00-225-3839	80205	MS90725-8	.SCREW,HEX CAP	6
17	PAOZZ	5315-01-406-7423	19207	12412608	.PIN, LOCK	4
18	PAOZZ		19207	12486342	.PIN,RAIL HAND LOCK	2
19	PAOZZ	5310-01-103-6042	96906	MS51412-4	.WASHER,FLAT	2
20	PAOZZ	4010-00-451-3533	81349	M83420/4-002	.ROPE,WIRE	8
21	PAOZZ	4030-00-145-5721	96906	MS51844-64	.SWAGING SLEEVE,W	8
22	PAOZZ	5310-00-088-1251	81349	M45913/1- 4CG5C	.NUT,SELF-LOCKING,HE	2
23	PAOZZ	4030-01-540-1269	19207	12378642-006	.SHACKLE, ANCHOR TIE	2
24	PAOZZ		0FW39	1-647- 010004217		2
25	PAOZZ	4030-01-088-2952	96906	MS51844-62	ROLL PIN,1/4 X 1.5	8
26	PAOZZ	5315-01-539-8499	19207	12486720	.SWAGING SLEEVE,WIRE	2
27	PAOZZ		19207	12486435-002	.PIN ASSEMBLY,FRONT	1
28	PAOZZ		19207	12486437	.GUIDE PLATE,CROP RH	2
29	PAOZZ		0FW39	118650	.PIN,LOCK,CROP GUIDE	2
30	PAOZZ		19207	12486435-001	.PIN,ROLL,1/4 X 2.5 SLTD	1
31	PAOZZ		81349	M45913/1- 10CG5C	.GUIDE PLATE,CROP LH	8
					.NUT,SELF-LOCKING HE	
END OF FIGURE						

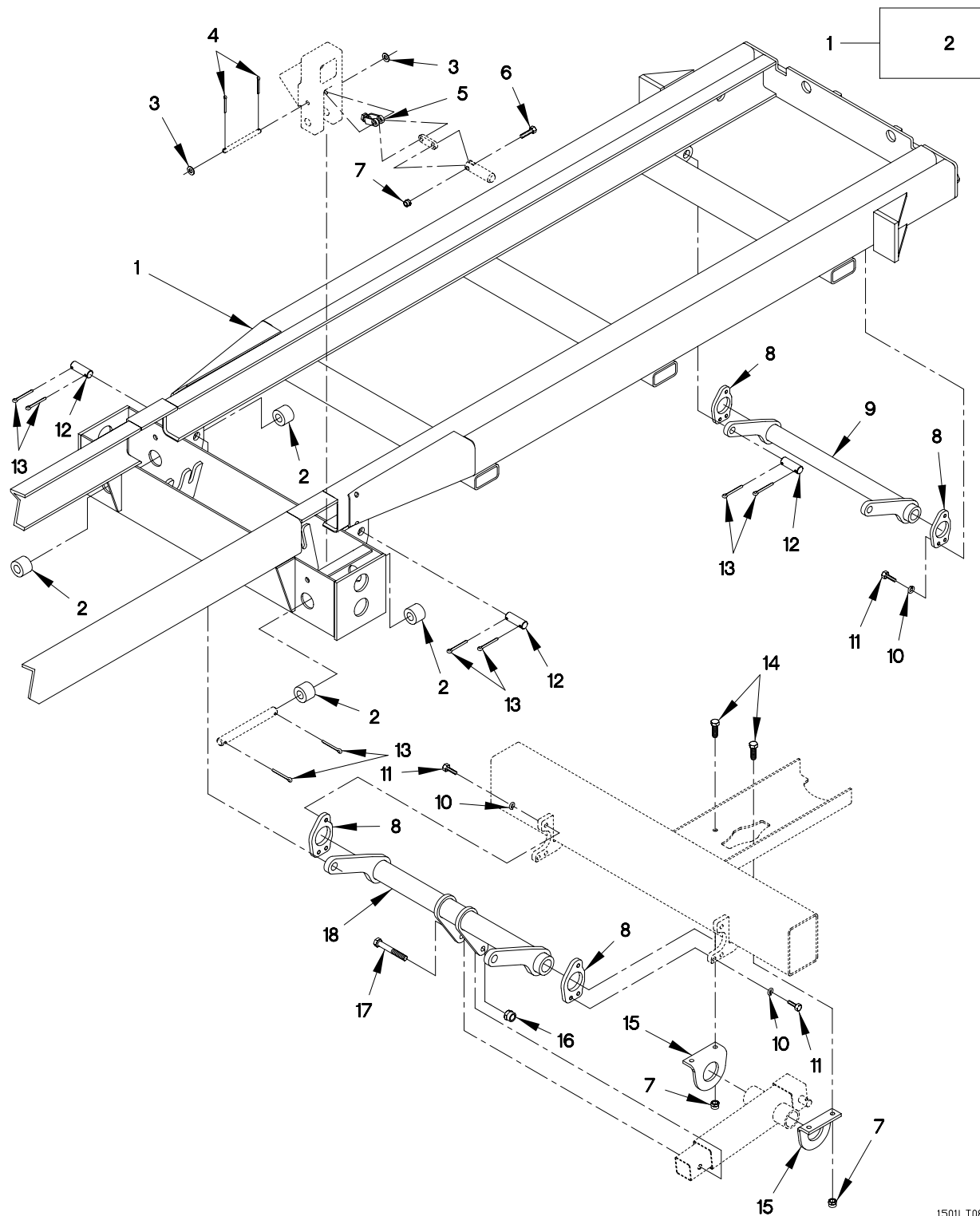


1501LT01A

Figure 31. Group 1501 OUTRI GGER
0144 00-1 Blank/ 2

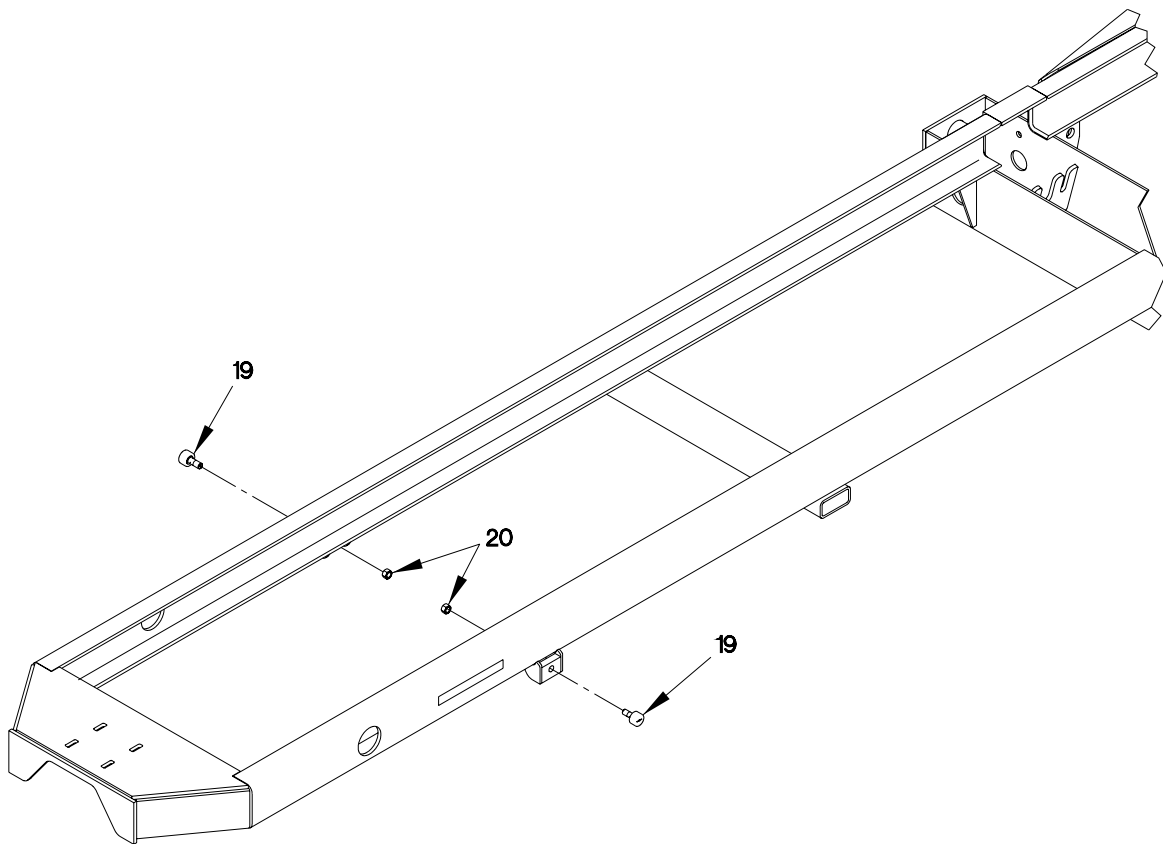
GROUP 1501 OUTRI GGER – Continued**0144 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ		19207	12486528	OUTRIGGER WELDMENT	1
END OF FIGURE						



1501LT08A

Figure 32. Group 1501 FLATRACK RAIL ASSEMBLY & BRACKETS (Sheet 1 of 2)
0145 00-1

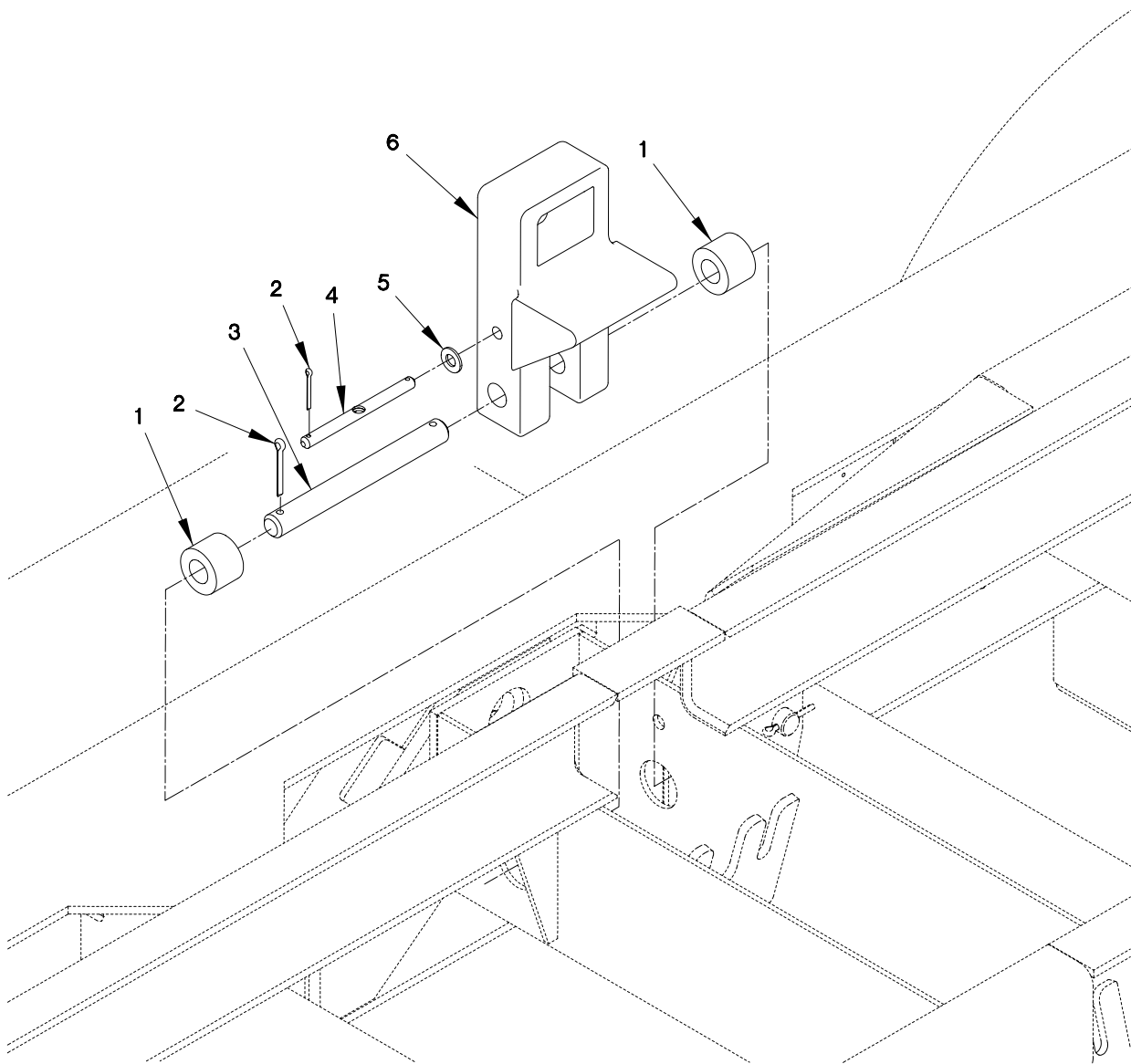


1501LT08B

Figure 32. Group 1501 FLATRACK RAIL ASSEMBLY & BRACKETS (Sheet 2 of 2)
0145 00-2

GROUP 1501 FLATRACK RAIL ASSEMBLY & BRACKETS – Continued 0145 00

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PFOZZ		19207	12486514	RAIL ASSEMBLY	1
2	XAOZZ		19207	12486514-116	.BUSHING,LATCH PIVOT	4
3	PAOZZ	5310-01-167-4064	19207	12414473-015	WASHER, PLAIN	4
4	PAOZZ		19207	12443617-027	PIN,COTTER, 5/32	4
5	PAOZZ	5340-01-540-0312	19207	12486350	CLEVIS YOKE	2
6	PAOZZ	5305-00-071-2071	80204	B1821BH050C20		2
				0N	SCREW,CAP,HEXAGON H	
7	PAOZZ	5310-01-407-7178	19207	12412476-11	NUT,SELF-LOCKING,HE	6
8	PAOZZ		19207	12486426	BRACKET,ROCKSHAFT	4
9	PAOZZ		19207	12486431	ROCKSHAFT,REAR	1
10	PAOZZ	5310-00-926-5880	80205	MS35338-162	WASHER, LKG HLCL	12
11	PAOZZ	5305-00-071-2067	80204	B1821BH050C12		12
				5N	SCREW,CAP,HEXAGON H	
12	PAOZZ	5315-01-540-1921	19207	12486621	PIN,RADIUS ROD	4
13	PAOZZ	5315-00-209-7273	80205	MS24665-625	PIN,COTTER	12
14	PAOZZ	5305-00-071-2069	80204	B1821BH050C15		4
				0N	SCREW,CAP,HEXAGON H	
15	PAOZZ		19207	12486433	BRACKET,JACK RAIL	2
16	PAOZZ	5310-01-407-7181	19207	12412476-13	NUT,SELF-LOCKING,HE	1
17	PAOZZ	5305-00-724-7266	80204	B1821BH063C50		1
				0N	SCREW,CAP,HEXAGON H	
18	PAOZZ	3040-01-540-2430	19207	12486430	RAIL,ROCKSHAFT	1
19	PAOZZ	3120-01-540-1977	19207	12486623	CAM FOLLOWER	2
20	PAOZZ	5310-00-880-7744	96906	MS51967-5	NUT,PLAIN,HEXAGON	2
END OF FIGURE						

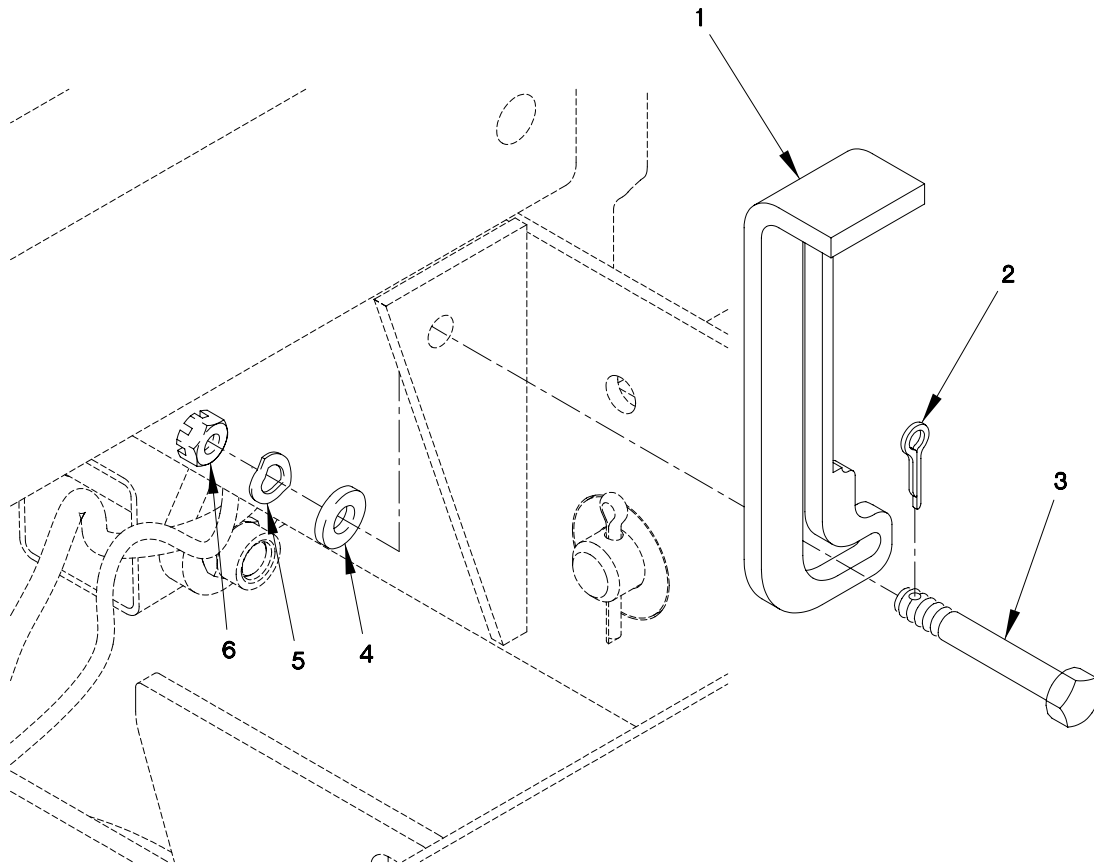


1501LT10A

Figure 33. Group 1501 FLAT RACK LOCK
0146 00-1 Blank/ 2

GROUP 1501 FLAT RACK LOCK – Continued**0146 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	XAOZZ		19207	12486514-116	BUSHING,LATCH PIVOT	4
2	PAOZZ	5315-00-209-7273	80205	MS24665-625	PIN,COTTER	4
3	PAOZZ	5315-01-540-0943	19207	12486418	PIN,PIVOT,FR LOCK	2
4	PAOZZ		19207	12486419	PIN,AIR POD,LOCK	2
5	PAOZZ	5310-01-167-4064	19207	12414473-015	WASHER, PLAIN	2
6	PAOZZ	5340-01-539-8490	19207	12486515	LOCK,,FLATRACK	2
END OF FIGURE						

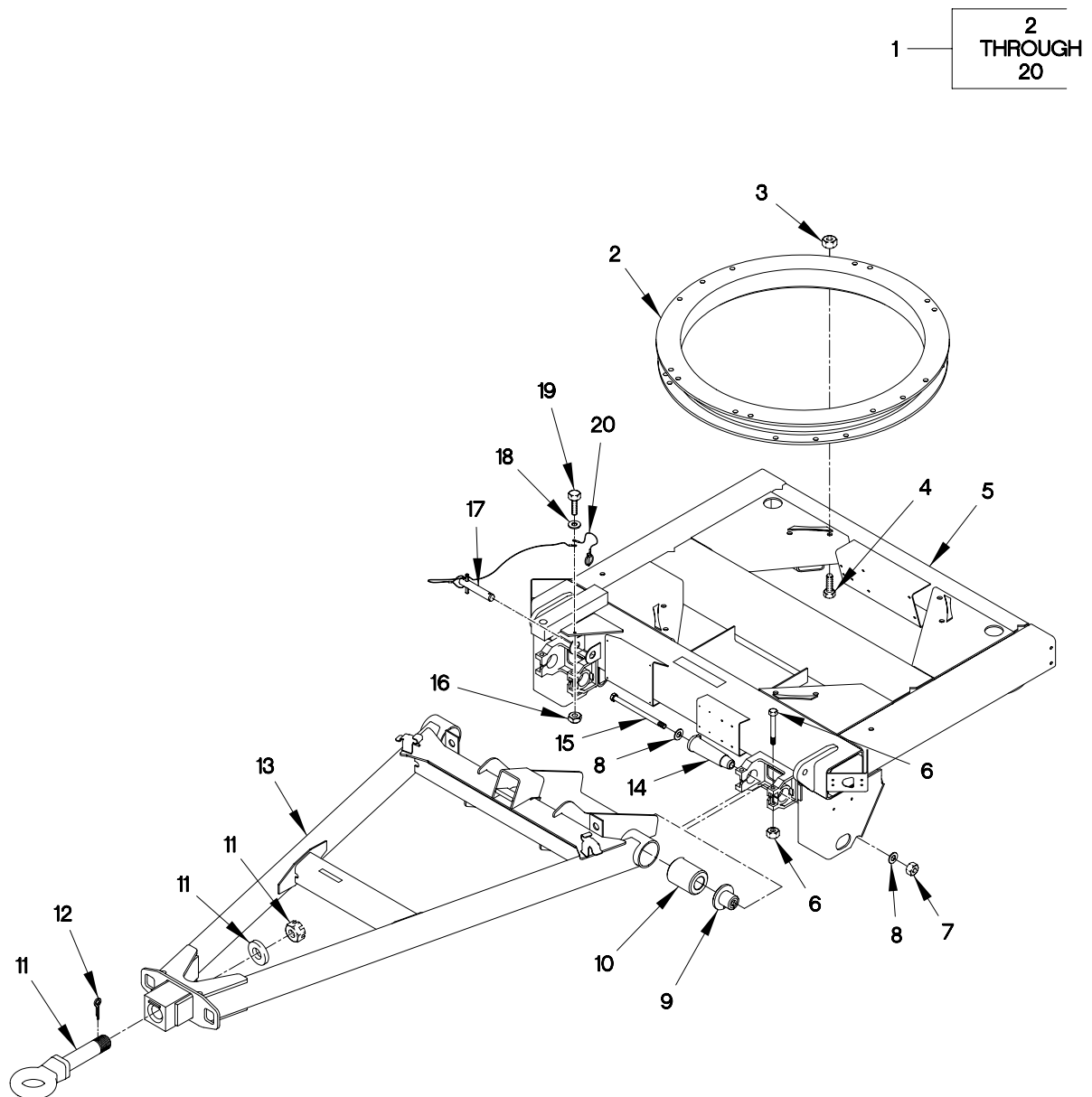


1501LT05A

Figure 34. Group 1501 FLAT RACK LOCK & RETAINER
0147 00-1 Blank/ 2

GROUP 1501 FLAT RACK LOCK & RETAINER – Continued**0147 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ		19207	12486412-001	PLATE,LOCK,LH	1
1	PAOZZ		19207	12486412-002	PLATE,LOCK,RH	1
2	PAOZZ	5315-00-234-1864	80205	MS24665-302	PIN, COTTER	2
3	PAOZZ	5306-00-150-9995	80205	AN8-15	BOLT,MACHINE	2
4	PAOZZ		5047	W221NAAW050		2
				NN436 BNQA1	WASHER,FLAT	
5	PAOZZ	5310-01-312-1057	81349	M12133/2-505	WASHER,SPRING TENS	2
6	PAOZZ		5047	N220N05FAMNN		2
				5630 2BCH1	NUT,HEX	
END OF FIGURE						

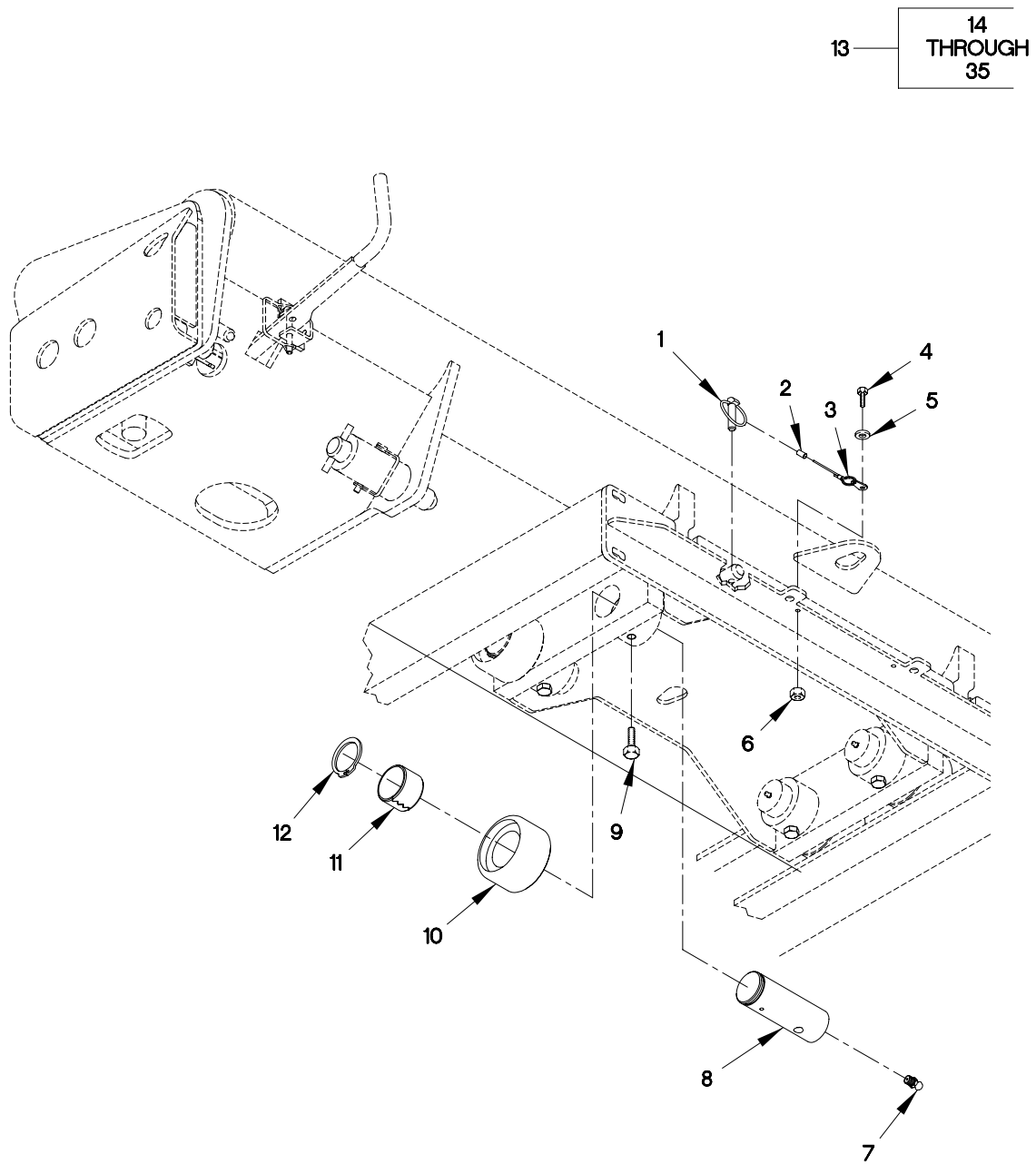


1501LT06A

Figure 35. Group 1501 TURNTABLE & DRAWBAR ASSEMBLY
0148 00-1 Blank/ 2

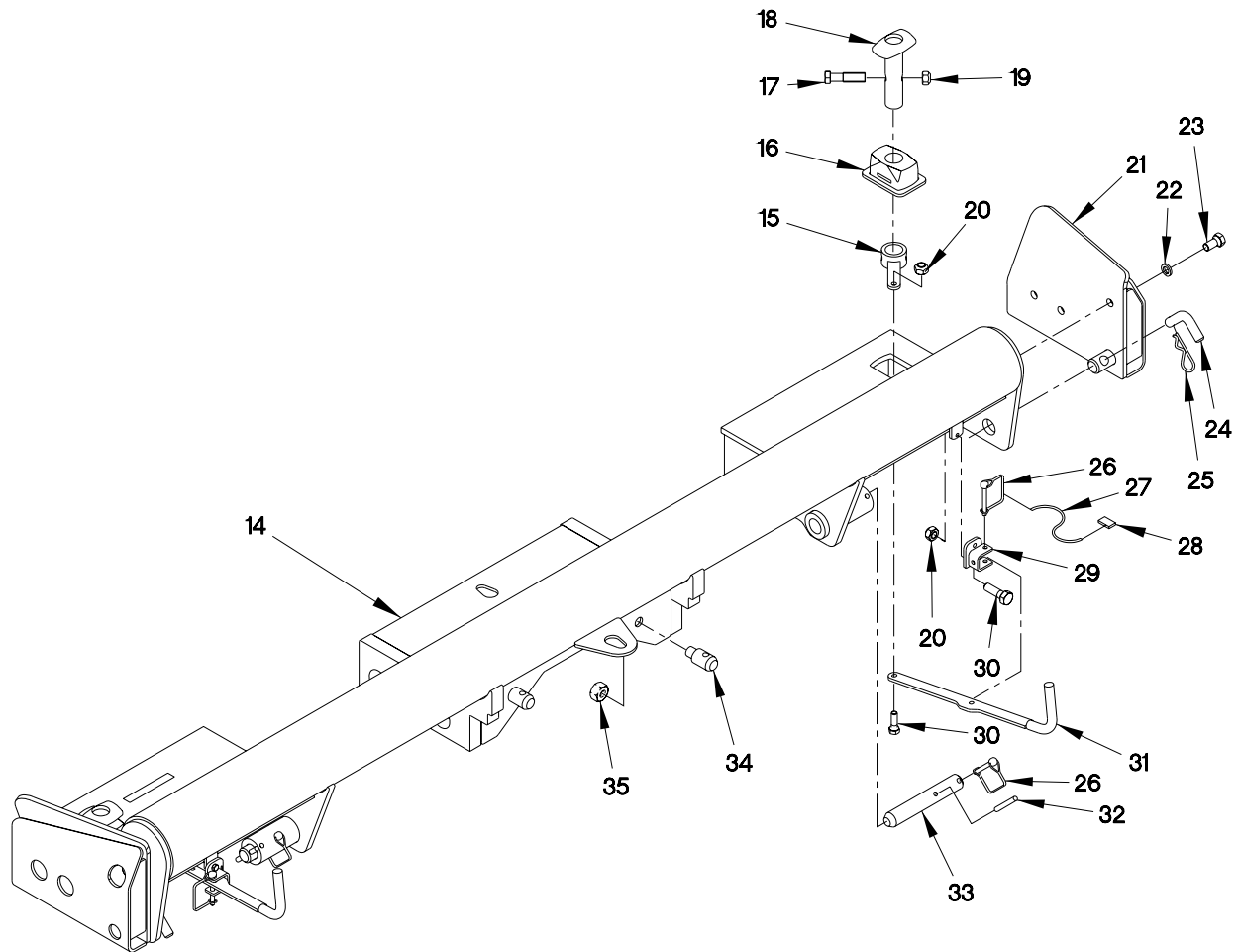
GROUP 1501 TURNTABLE & DRAWBAR ASSEMBLY – Continued**0148 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	XCOOO		19207	12486589	TURNTABLE ASSEMBLY	1
2	PAOZZ		19207	12486615	.TURNTABLE	1
3	PAOZZ	5310-01-407-7181	19207	12412476-13	.NUT,SELF-LOCKING,HE	8
4	PAOZZ	5305-01-540-0890	80205	MS90725-163	.BOLT	8
5	PAOZZ		19207	12486319	.FRAME FRONT SUSP	1
6	PAOZZ	5305-01-540-2008	19207	12486359-506	.BOLT&SLFLKG HEX NUT	4
7	PAOZZ	5310-01-540-1433	19207	12486359-502	.NUT,SLFLKG HEX NUT	2
8	PAOZZ	5310-01-540-2063	19207	12486359-503	.WASHER,FLAT	4
9	PAOZZ	3120-01-540-1417	19207	12486359-508	.FLANGE	2
10	PAOZZ	3120-01-539-8481	19207	12486359-504	.BUSHING	2
11	PAOZZ	5306-01-269-8693	19207	DB-1249-49	.BOLT,EYE	1
12	PAOZZ	5315-01-383-0048	74410	XB-121	.PIN,COTTER	1
13	PAOZZ		19207	12486320	.DRAWBAR	1
14	PAOZZ		19207	12486359-507	.TAPPER PIN	1
15	PAOZZ	5305-01-540-2092	19207	12486359-501	.BOLT	2
16	PAOZZ	5310-00-088-1251	81349	M45913/1-4CG5C	.NUT,SELF-LOCKING,HE	1
17	PAOZZ	5315-01-540-2949	19207	12486329	.PIN,LOCK ASSEMBLY	1
18	PAOZZ	5310-01-352-9593	80205	NAS1149C0463R	.WASHER,FLAT	1
19	PAOZZ	5305-00-489-0743	96906	MS51849-96	.SCREW, HEX CAP	1
20	PAOZZ	4010-01-539-9335	19207	12486534	.LANDYARD ASSY	1
END OF FIGURE						



1501LT07A

Figure 36. Group 1501 SHUTTLE GUIDE & BRACKET (Sheet 1 of 2)
0149 00-1

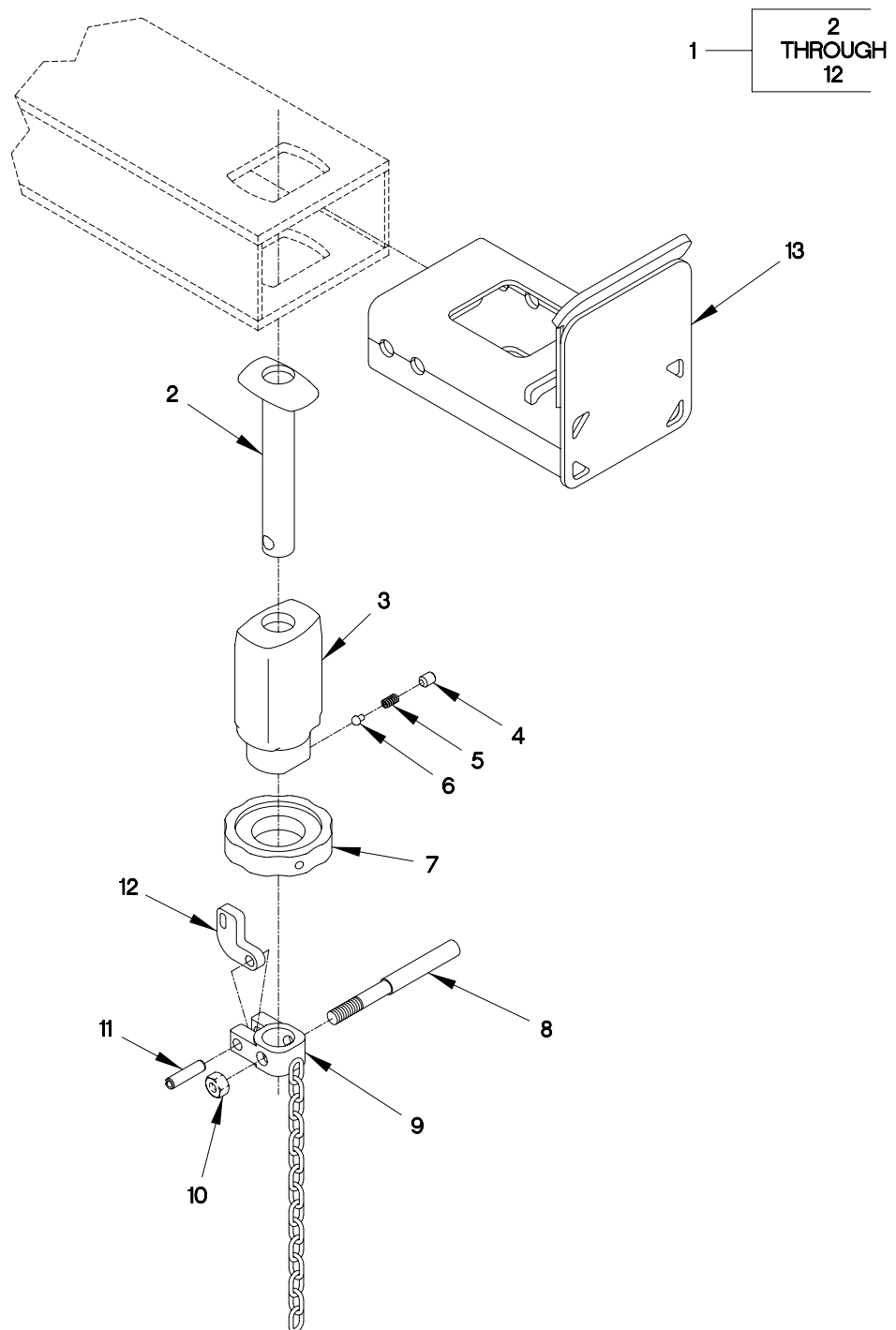


1501LT07B

Figure 36. Group 1501 SHUTTLE GUIDE & BRACKET (Sheet 2 of 2)
0149 00-2

GROUP 1501 SHUTTLE GUIDE & BRACKET – Continued**0149 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ		19207	12486602-001	PIN,LYNCH	2
2	PAOZZ	4030-01-088-2952	96906	MS51844-62	SWAGING SLEEVE,WIRE	4
3	PAOZZ	4010-00-451-3533	81349	M83420/4-002	ROPE,WIRE	2
4	PAOZZ	5305-01-357-8159	96906	MS51849-77C	SCREW,MACHINE-STEEL	2
5	PAOZZ	5310-01-352-9593	80205	NAS1149C0463R		2
					WASHER,FLAT	
6	PAOZZ	5310-01-436-3290	80205	MS17830-010C	NUT,PLAIN,HEXAGON	2
7	PAOZZ	4730-00-050-4203	81343	AS15001-1	FITTING,LUBRICATION	4
8	PAOZZ		19207	12486364	SHAFT,ROLLER,SHUTTL	4
9	PAOZZ		80205	MS90725-111	SCREW, HEX CAP	4
10	PAOZZ	3130-01-540-1910	19207	12486366	ROLLER	4
11	PAOZZ	3120-01-540-1487	19207	12486375	BUSHING,SPRING	4
12	PAOZZ		96906	MS3217-4200	RING,RETAINING	4
13	PAOOO	2590-01-539-8740	19207	12486644	SHUTTLE	1
14	PAOZZ		19207	12486652	.SHUTTLE,LHST	1
15	PAOZZ	5365-01-540-2121	19207	12486704	.TWISTLOCK BUSHING	2
16	PAOZZ	5340-01-540-1854	19207	12486700	.TWISTLOCK BODY	2
17	PAOZZ	5305-00-724-6761	80205	MS90725-167	.SCREW,CAP,HEXAGON	2
18	PAOZZ		19207	12486705-001	.CAP TWISTLOCK RH	1
18	PAOZZ	5340-01-539-9878	19207	12486705-002	.CAP TWISTLOCK LH	1
19	PAOZZ	5310-01-407-7181	19207	12412476-13	.NUT,SELF-LOCKING,HE	2
20	PAOZZ	5310-01-473-7114	19207	12412476-08	.NUT,SELF-LOCKING,HE	20
21	PAOZZ	2590-01-539-8879	19207	12486658	.GUIDE,LH	1
21	PAOZZ		19207	12486659	.GUIDE,RH	1
22	PAOZZ	5310-00-820-6653	80205	MS35338-50	.WASHER,LOCK	6
23	PAOZZ	5305-00-044-5503	96906	MS90725-160	.SCREW,CAP,HEXAGON	6
24	PAOZZ	5315-01-539-9357	19207	12486670	.PIN,L-SHAPE	2
25	PAOZZ	5315-01-540-1478	19207	12486647	.PIN,HAIR 3/16 DIA	2
26	PAOZZ	5315-01-406-7423	19207	12412608	.PIN, LOCK	4
27	PAOZZ	4010-00-451-3533	81349	M83420/4-002	.ROPE,WIRE	8
28	PAOZZ	4030-01-088-2952	96906	MS51844-62	.SWAGING SLEEVE,WIRE	4
	PAOZZ		19207	12486809	.BRACKET,HANDLE,RH	1
29	PAOZZ		19207	12486810	.BRACKET,HANDLE,LH	1
30	PAOZZ	5305-00-725-4092	80205	MS90726-158	.SCREW,CAP,HEXAGON	4
31	PAOZZ		19207	12486804-001	.ROD,PUSH RH	1
31	PAOZZ		19207	12486804-002	.ROD,PUSH LH	1
32	PAOZZ	5315-00589834	80205	MS16562-271	.PIN,SPRING	2
33	PAOZZ	5315-01-540-3735	19207	12486384	.PIN,LOCK,SHUTTLE	2
34	PAOZZ	5315-01-539-9488	19207	12486761	.PIN,SHUTTLE HOLD	2
35	PAOZZ	5310-01-540-3022	19207	12412476-14	.NUT,SELF-LOCKING HX	2
END OF FIGURE						

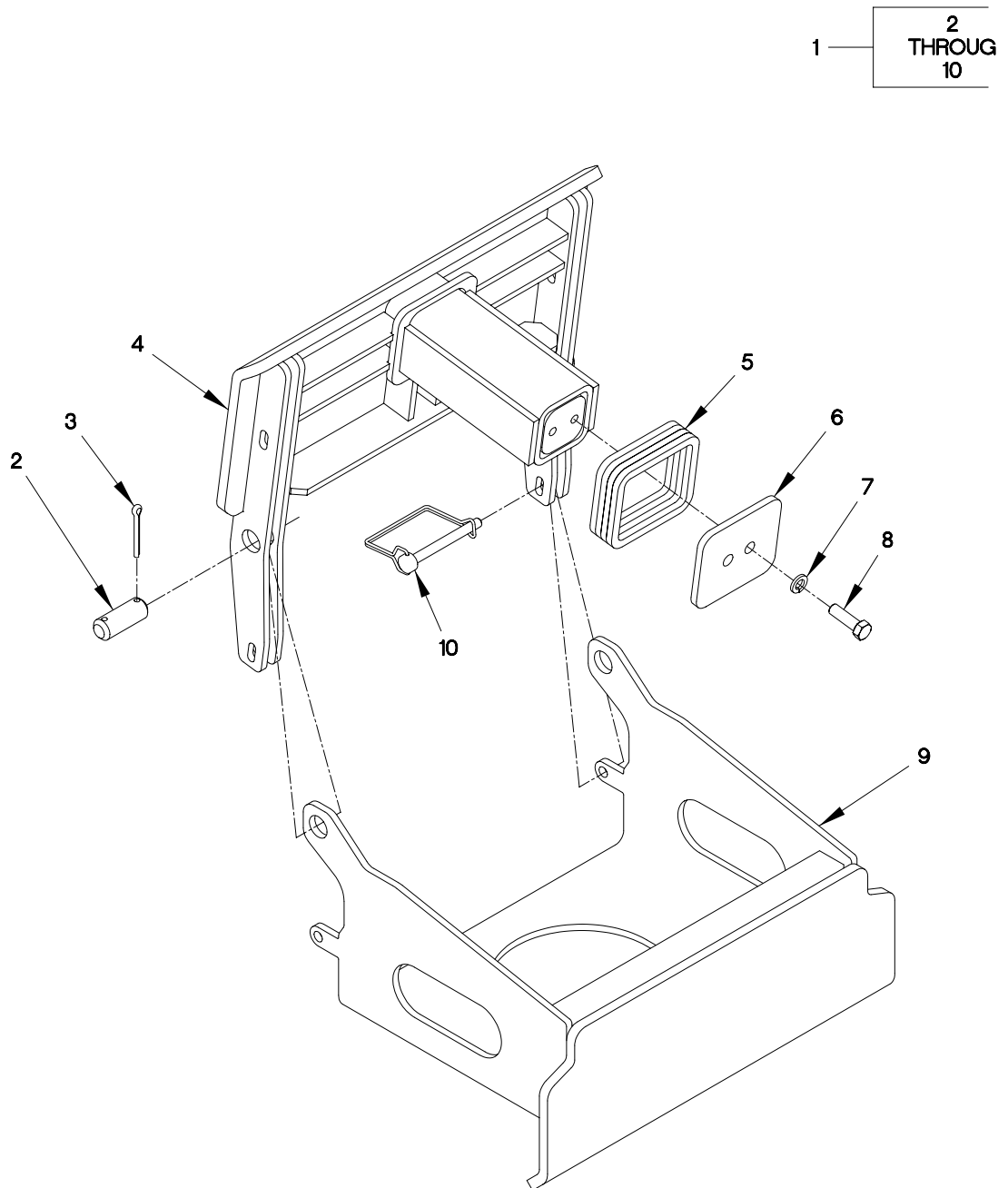


1501LT03A

Figure 37. Group 1501 TWIST LOCK ASSEMBLY & FRONT GUIDE
0150 00-1 Blank/ 2

GROUP 1501 TWIST LOCK ASSEMBLY & FRONT GUIDE – Continued 0150 00

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOOO		19207	12486557-001	TWIST LOCK ASSEMBLY	1
1	PAOOO		19207	12486557-002	TWIST LOCK ASSEMBLY	1
2	PAOZZ	5340-01-540-3779	19207	12486550	.CAP,TWIST LOCK ASSY	1
3	PAOZZ		19207	12486548	.TWIST LOCK BODY	1
4	PAOZZ	5305-01-512-0392	96906	MS90725-55	.SCREW,CAP,HEXAGON H	1
5	PAOZZ	5360-01-540-0956	19207	12486547	.SPRING,DETENT,TWIST	1
6	PAOZZ	5340-01-540-1323	19207	12486556	.PIN,DETENT,TWIST LO	1
7	PAOZZ		19207	12486557-102	.SCREW,HAND,TWIST LO	1
8	PAOZZ		19207	12486557-104	.HANDLE,TWIST LOCK	1
9	PAOZZ	5340-01-540-0721	19207	12486812	.HANDLE BLOCK ASSY	1
10	PAOZZ		5047	N220N04CAPNN		2
				5630 3NCH1	.NUT,LOCK	
11	PAOZZ	5315-00-702-3529	80205	MS16562-280	.PIN,SPRING	1
12	PAOZZ	5340-01-540-1250	19207	12486557-103	.PLATE,LOCK,TWIST LO	1
13	PAOZZ	5340-01-540-1255	19207	12486714	GUIDE,FRONT	2
END OF FIGURE						



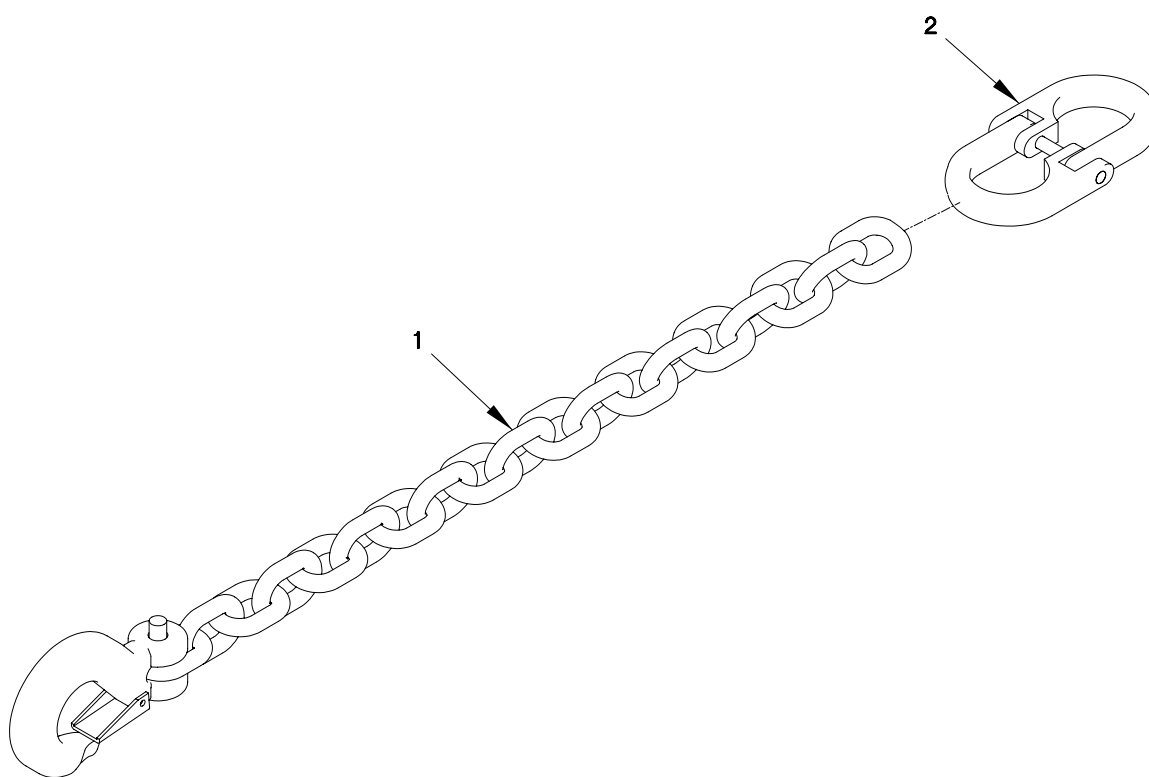
1501LT04A

Figure 38. Group 1501 BUMP STOP INSTALLATION
0151 00-1 Blank/ 2

GROUP 1501 BUMP STOP INSTALLATION – Continued

0151 00

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOOO		19207	12486697	BUMP STOP ASSY	1
2	PAOZZ	5315-01-540-0949	19207	12486696	.PIN,BUMP STOP	2
3	PAOZZ	5315-00-239-8032	80205	MS24665-513	.PIN,COTTER	4
4	PAOZZ	5305-01-540-0242	19207	12486694	.STOP,BUMP	1
5	PAOZZ	5365-01-540-0265	19207	12486787	.SHIM,BUMP STOP	4
6	PAOZZ		19207	12486786	.CAP,BUMP STOP	1
7	PAOZZ	5310-00-926-5877	96906	MS35338-160	.WASHER,LOCK	2
8	PAOZZ	5305-01-540-0242	5047	S210NA38CAK23		2
				354 BNCH3	.SCREW,HEX HEAD	
9	PAOZZ		19207	12486695	.EXTENSION,BUMP STOP	1
10	PAOZZ	5315-01-406-7423	19207	12412608	.PIN, LOCK	2
END OF FIGURE						

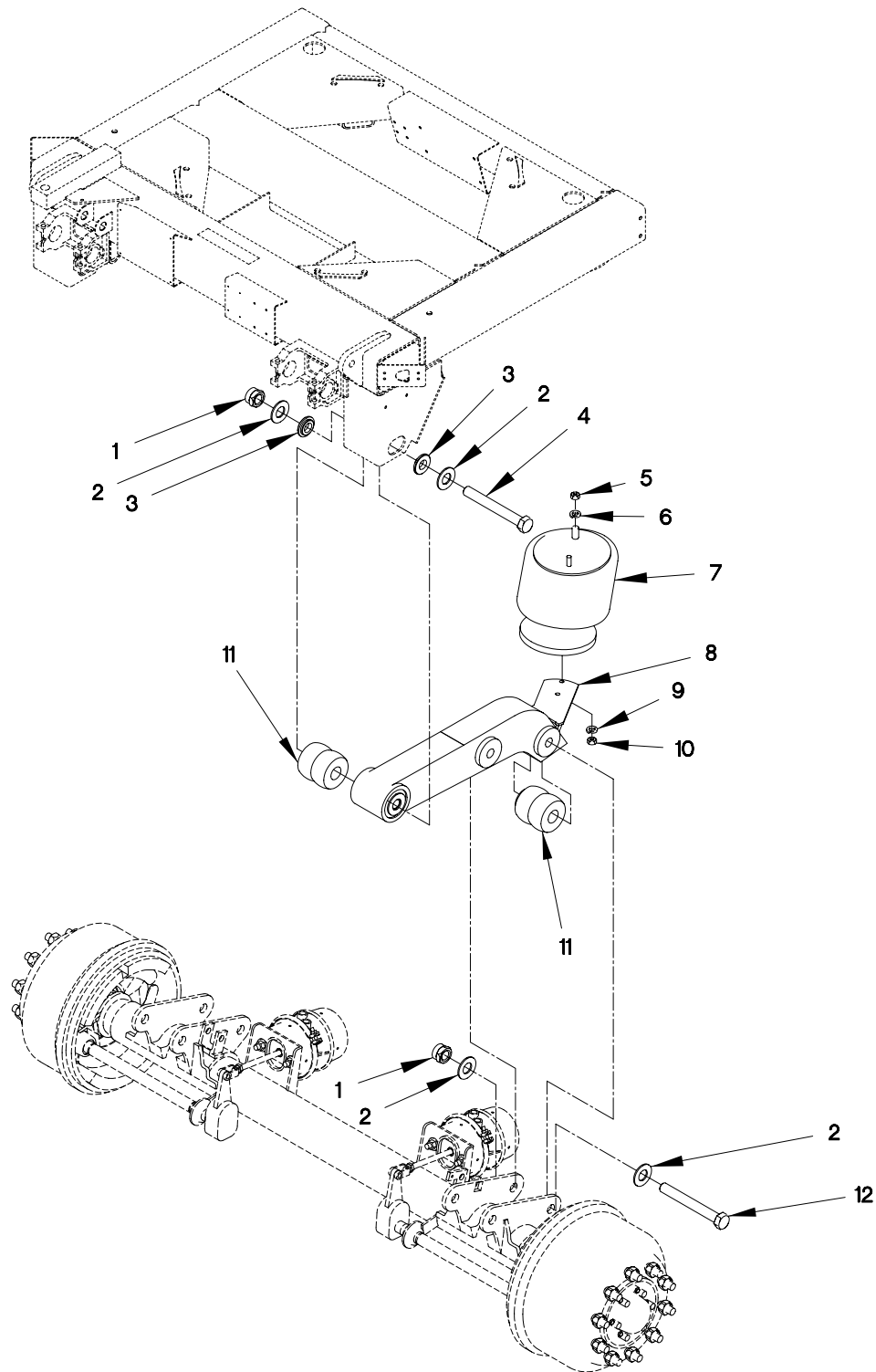


1503LT02A

Figure 39. Group 1503 SAFETY CHAIN ASSEMBLY
0152 00-1 Blank/ 2

GROUP 1503 SAFETY CHAIN ASSEMBLY – Continued**0152 00**

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
1	PAOZZ	4010-01-540-2045	19207	12441163-002	CHAIN,SAFETY ASSEMB	2
2	PAOZZ	2040-01-442-4055	19207	12443057	CONNECTING,LINK	2
END OF FIGURE						

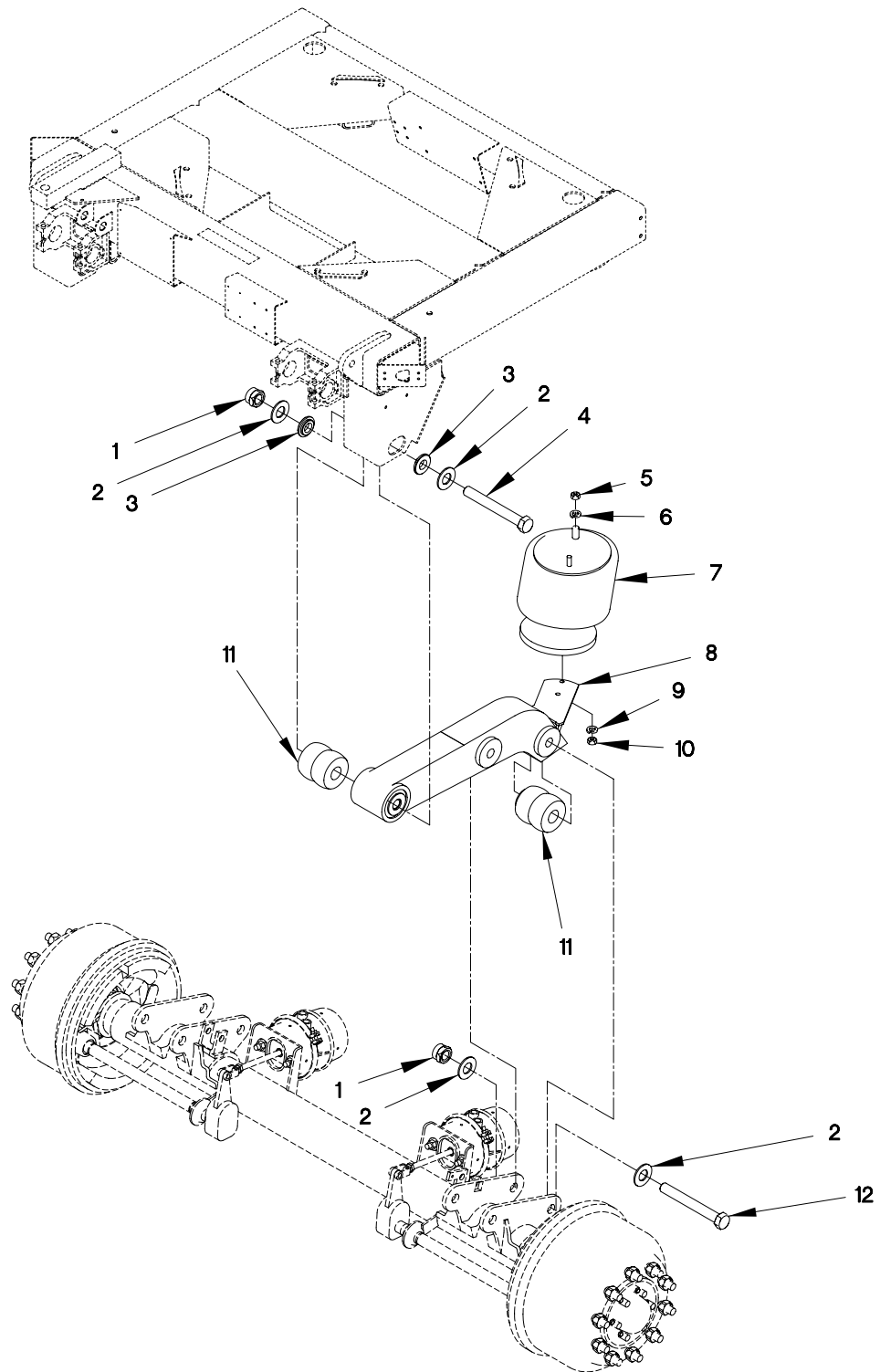


1601LT02A

Figure 40. Group 1601 TURNTABLE (FRONT) AXLE SUSPENSION
0153 00-1 Blank/ 2

GROUP 1601 TURNTABLE (FRONT) AXLE SUSPENSION – Continued 0153 00

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ	5310-01-540-3407	19207	12486400-516	NUT,HEX,SELF-LOCK	2
2	PAOZZ		19207	12486400-510	WASHER,FLAT	8
3	PAOZZ		19207	12486400-519	BUSHING,ALIGNMENT	4
4	PAOZZ		19207	12486400-517	SCREW,HEX,CAP	2
5	PAOZZ		19207	12486400-523	NUT,HEX	2
6	PAOZZ		19207	12486400-522	WASHER,LOCK	2
7	PAOZZ		19207	12486400-513	SPRING,AIR	2
8	PAOZZ		19207	12486400-511	BEAM,EQUALIZING,LH	1
8	PAOZZ		19207	12486400-512	BEAM,EQUALIZING,RH	1
9	PAOZZ		19207	12486400-520	WASHER,LOCK	2
10	PAOZZ		19207	12486400-521	NUT,HEX,SELF-LOCK	2
11	PAOZZ		19207	12486400-525	BUSHING,RUBBER	6
12	PAOZZ	19207	12486400-515	SCREW,HEX CAP	2	
END OF FIGURE						

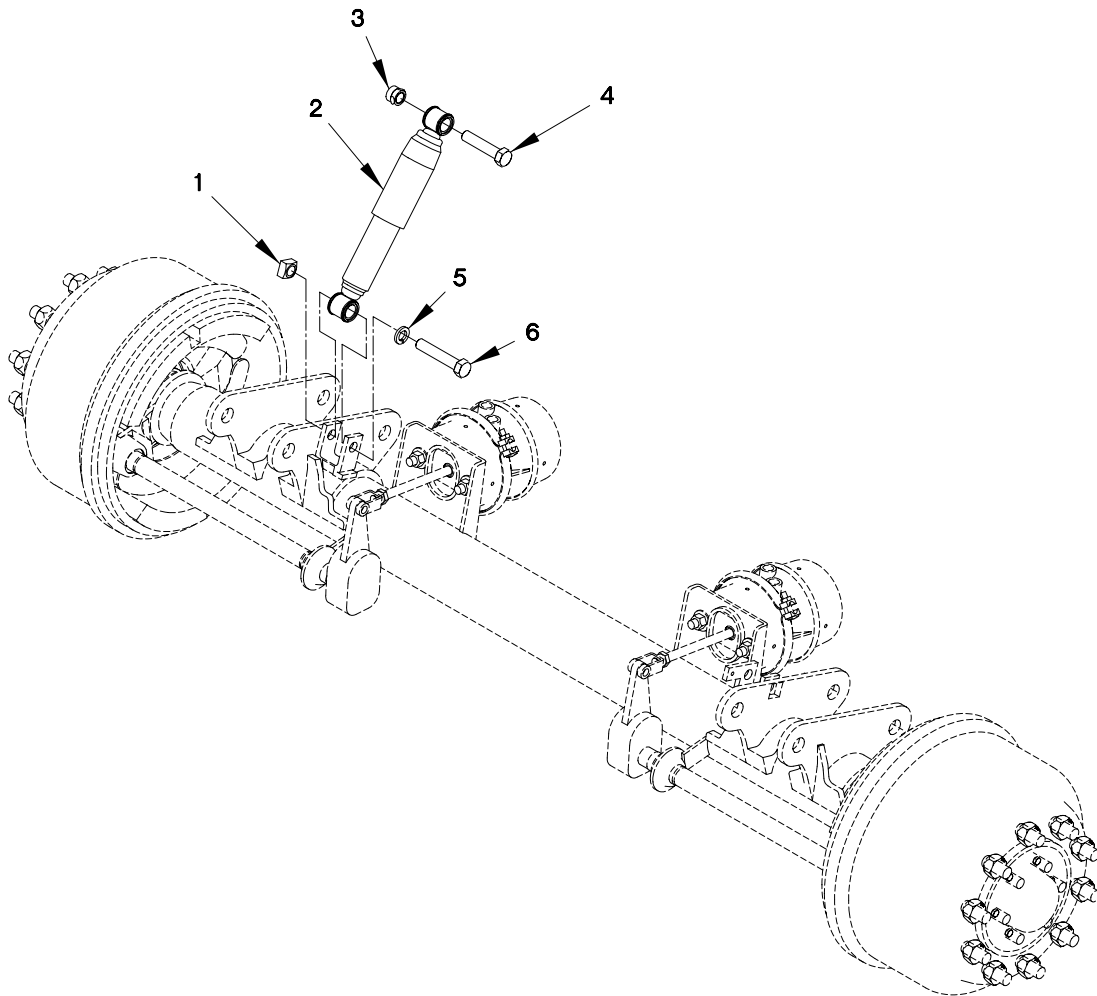


1601LT02A

Figure 41. Group 1601 REAR AXLE SUSPENSION
0154 00-1 Blank/ 2

GROUP 1601 REAR AXLE SUSPENSION – Continued**0154 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	XCOOO		19207	12486400	SUSPENSION ASSY	1
2	XAFZZ		19207	12486400-001	..SUSPENSION,LEFT FRONT AXLE	1
2	XAFZZ		19207	12486400-002	..SUSPENSION,RIGHT REAR AXLE	1
3	PAOZZ		19207	12486400-516	..NUT,HEX,SELF-LOCK	6
4	PAOZZ		19207	12486400-510	..WASHER,FLAT	12
5	PAOZZ		19207	12486400-519	..BUSHING,ALIGNMENT	4
6	PAOZZ		19207	12486400-517	..SCREW,HEX,CAP	2
7	PAOZZ	4730-01-086-4064	79470	1469X4X4	ELBOW,PIPE TO TUBE	2
8	PAOZZ	5310-01-540-3407	19207	12486400-523	..NUT,HEX	2
9	PAOZZ		19207	12486400-522	..WASHER,LOCK	4
10	PAOZZ		19207	12486400-513	..SPRING,AIR	2
11	PAOZZ		19207	12486400-511	..BEAM,EQUALIZING,LH ASSEMBLY,LEFT HAND	1
11	PAOZZ		19207	12486400-512	..BEAM,EQUALIZING,RH ASSEMBLY,RIGHT HAND	1
12	PAOZZ		19207	12486400-520	..WASHER,LOCK	2
13	PAOZZ		19207	12486400-521	..NUT,HEX,SELF-LOCK	2
14	PAOZZ		19207	12486400-525	..BUSHING,RUBBER	6
15	PAOZZ		19207	12486400-515	..SCREW,HEX CAP	4
END OF FIGURE						

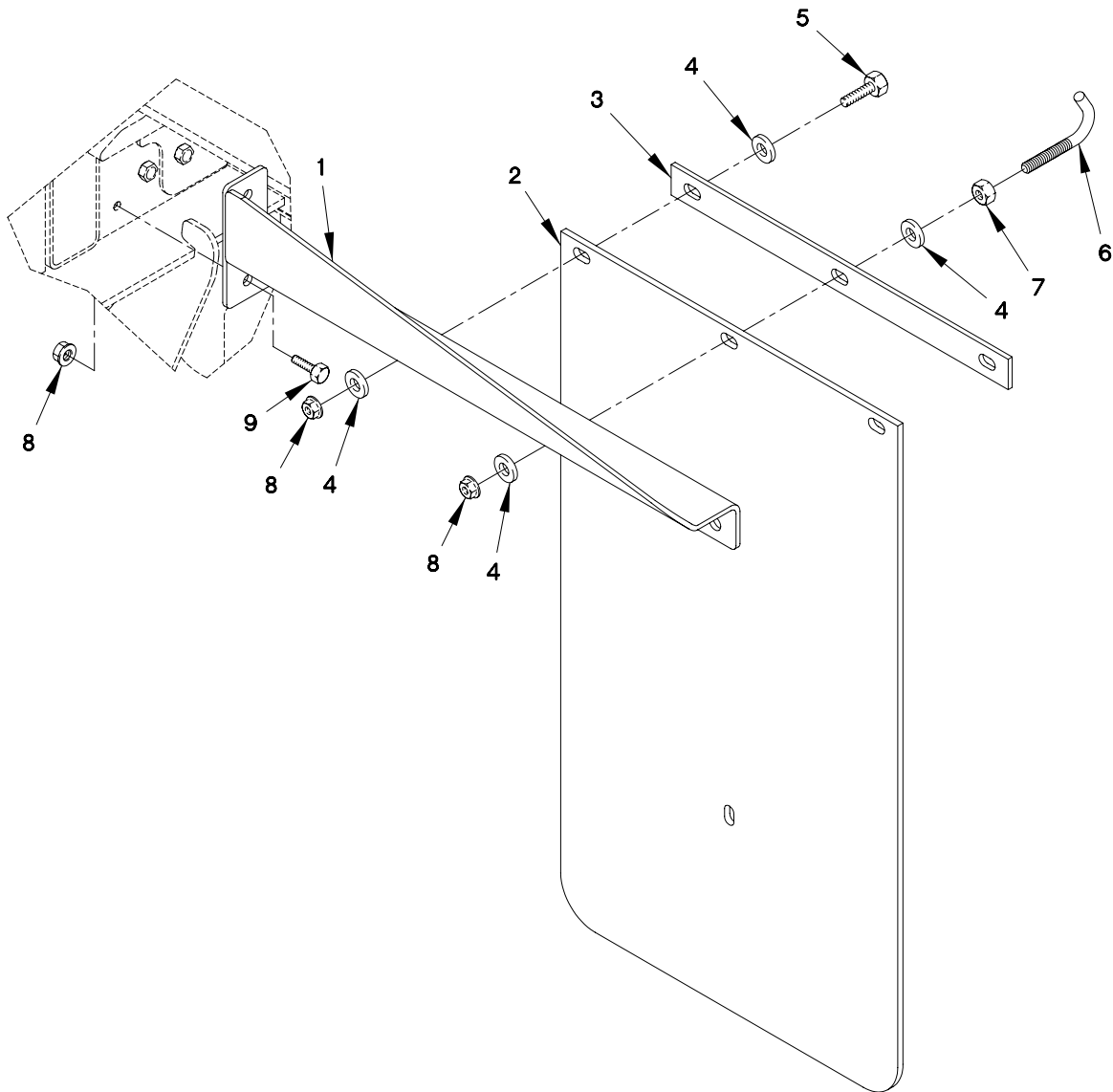


1604LT01A

Figure 42. Group 1604 SHOCK ABSORBERS
0155 00-1 Blank/ 2

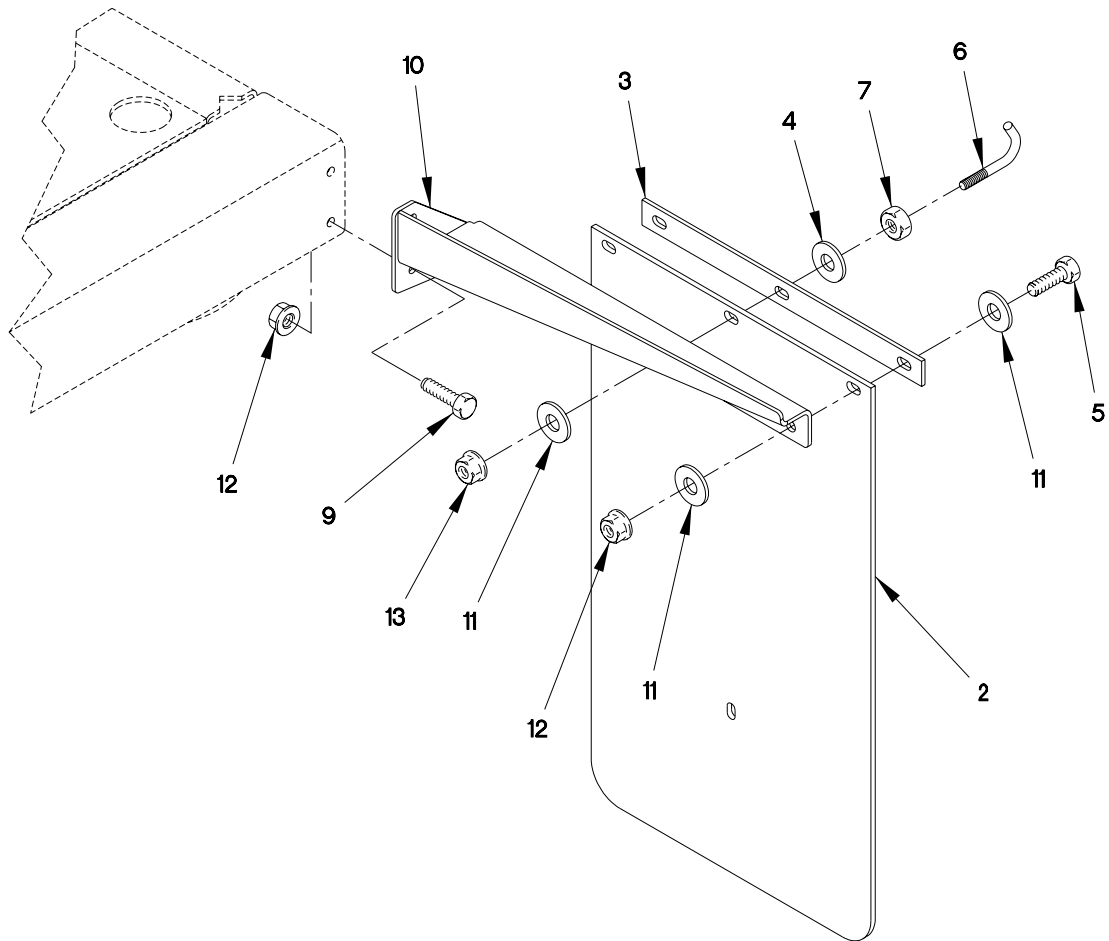
GROUP 1604 SHOCK ABSORBERS – Continued**0155 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ		19207	12486400-504	NUT,SQUARE,3/4-10	4
2	PAOZZ		19207	12486400-514	SHOCK ABSORBER	4
3	PAOZZ		19207	12486400-524	NUT,HEX,SELF-LOCK	4
4	PAOZZ		19207	12486400-526	SCREW,HEX	4
5	PAOZZ		19207	12486400-522	WASHER,LOCK	4
6	PAOZZ		19207	12486400-518	SCREW,HEX	4
END OF FIGURE						



1802LT01A

Figure 43. Group 1802 TURNTABLE SPLASH GUARDS (Sheet 1 of 2)
0156 00-1



1802LT01B

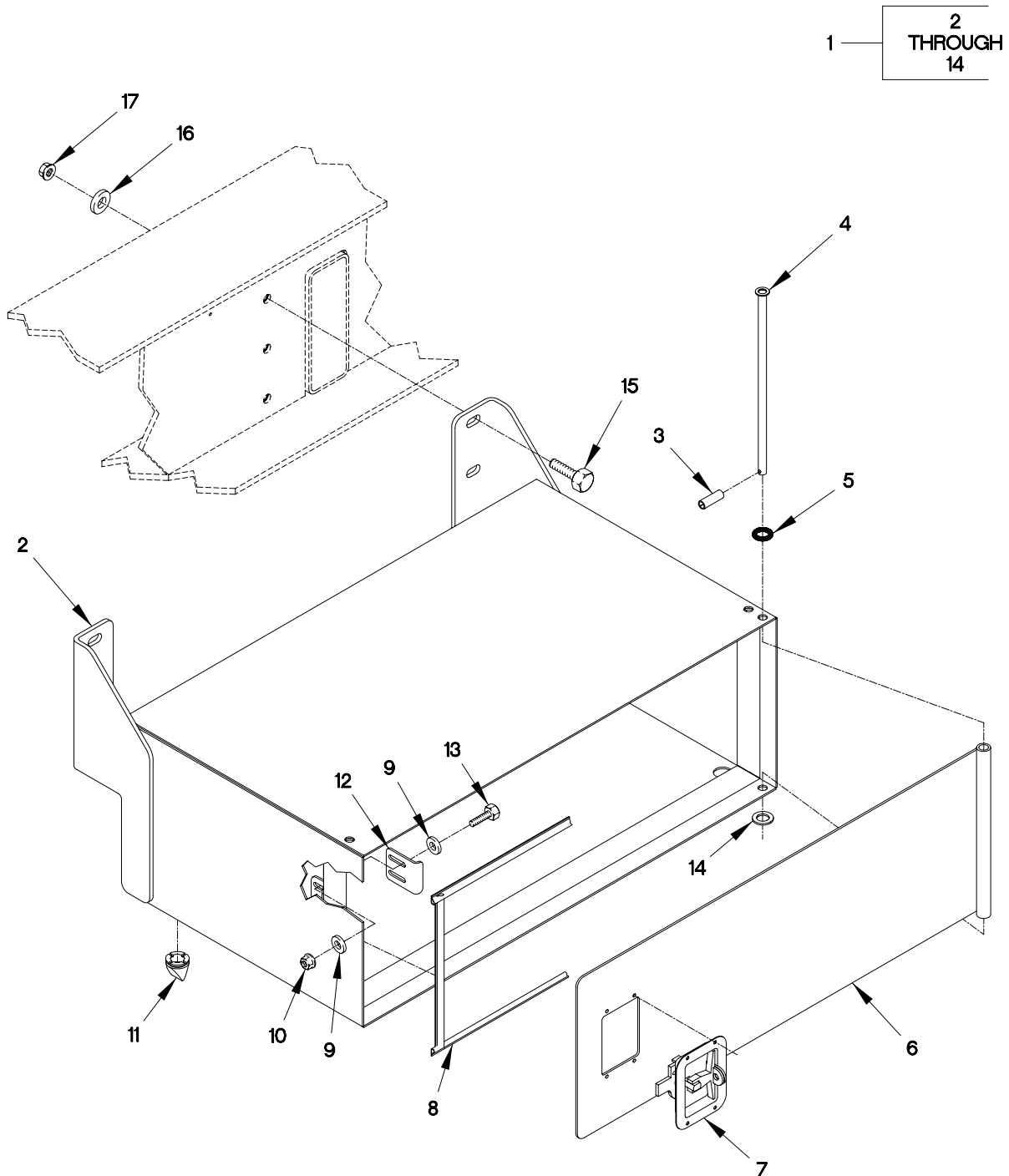
Figure 43. Group 1802 TURNTABLE SPLASH GUARDS (Sheet 2 of 2)
0156 00-2

GROUP 1802 TURNTABLE SPLASH GUARDS – Continued**0156 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ		19207	12486351-001	BRACKET,MUD FLAP,LH REAR	1
1	PAOZZ		19207	12486351-002	BRACKET,MUD FLAP,RH REAR	1
2	PAOZZ		19207	12486541	GUARD,SPLASH,LHST	4
3	PAOZZ	5340-01-540-1470	19207	12486721	BRACKET,SPLASH GUAR	4
4	PAOZZ	5310-00-167-0804	80205	AN960C616	WASHER, FLAT	15
5	PAOZZ	5305-00-269-3213	80205	MS90725-62	SCREW,CAP HEXAGON H	9
6	PAOZZ	5306-01-540-1422	19207	12486722	HOOK,SPLASH GUARD	4
7	PAOZZ	5310-00-477-6768	96906	MS35649-2384	NUT, PLAIN, HEXAGO	2
8	PAOZZ	5310-01-445-6346	19207	12412476-09	NUT,SELF-LOCKING,HE	15
9	PAOZZ	5305-01-540-1757	80204	B1821BH038C10		8
				0N	SCREW,CAP,HEXAGON H	
10	PAOZZ	5340-01-540-1427	19207	12486542-001	BRACKET,MUD FLAP,RH FRONT	1
10	PAOZZ	5340-01-540-1254	19207	12486542-002	BRACKET,MUD FLAP,LH FRONT	1
11	PAOZZ	5310-00-167-0804	80205	AN960C616	WASHER, FLAT	12
12	PAOZZ	5310-00-087-4652	81349	M45913/1-		10
				6CG5C	NUT,SELF-LOCKING,HE	
13	PAOZZ		5047	N220N04CAKNN		2
				5630 1BCH1	NUT,HEX	
END OF FIGURE						

GROUP 1808 TOOL BOX ASSEMBLY

0157 00

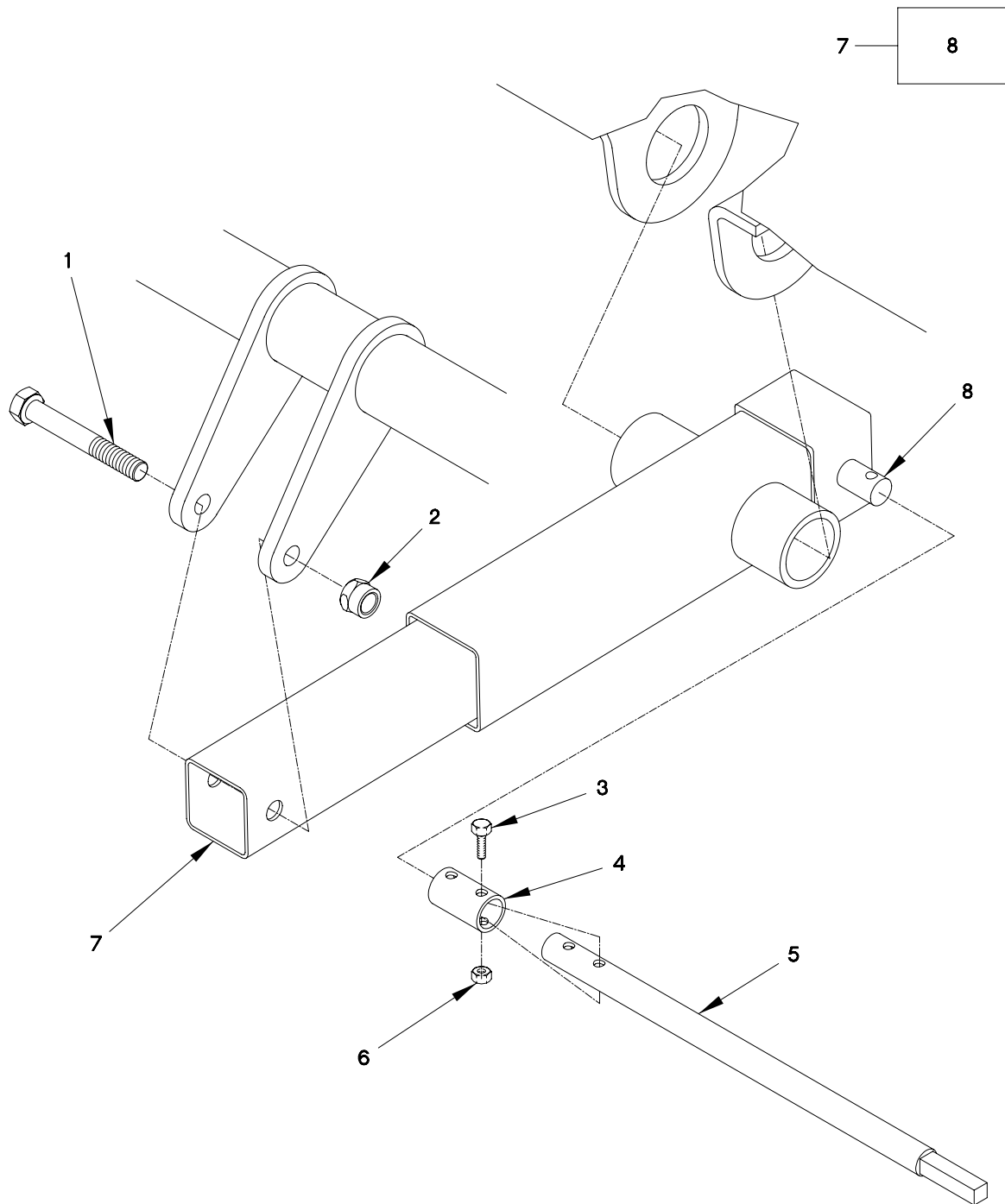


1808LT01A

Figure 44. Group 1808 TOOL BOX ASSEMBLY
0157 00-1 Blank/ 2

GROUP 1808 TOOL BOX ASSEMBLY – Continued**0157 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOOO		19207	12486485	TOOLBOX ASSEMBLY	1
2	XAFFF		19207	12486474	.TOOL BOX	1
3	PAOZZ	5315-00-058-9782	80205	MS16562-236	.PIN,ROLL	1
4	PAOZZ	5315-01-540-3759	19207	12486487	.ROD,TOOLBOX	1
5	PAOZZ	5331-01-188-9652	81343	MS28775-205	.O-RING	1
6	PAOZZ	2540-01-540-4053	19207	12486483	.TOOLBOX DOOR	1
7	PAOZZ		19207	12486520	.LATCH,FOLDING	1
8	MOOZZ		19207	12486559	.WEATHER STRIP	1
9	PAOZZ		80205	NAS1149F0463B	.WASHER,FLAT	4
10	PAOZZ	5310-00-088-1251	81349	M45913/1-4CG5C	.NUT,SELF-LOCKING,HE	2
11	PAOZZ		19207	12486573	.VALVE,VACUATOR	4
12	PAOZZ	5340-01-539-8494	19207	12486605	.MOUNT,ADJ,STRIKER	1
13	PAOZZ	5305-00-489-0743	96906	MS51849-96	.SCREW, HEX CAP	2
14	PAOZZ	5310-01-539-9991	80205	NAS1149F0763B	.WASHER,FLAT	1
15	PAOZZ	5305-01-325-8388	80205	MS90725-113	SCREW, HEX CAP	6
16	PAOZZ		80205	NAS1149C0863R	WASHER,FLAT	6
17	PAOZZ	5310-01-407-7178	19207	12412476-11	NUT,SELF-LOCKING,HE	6
END OF FIGURE						

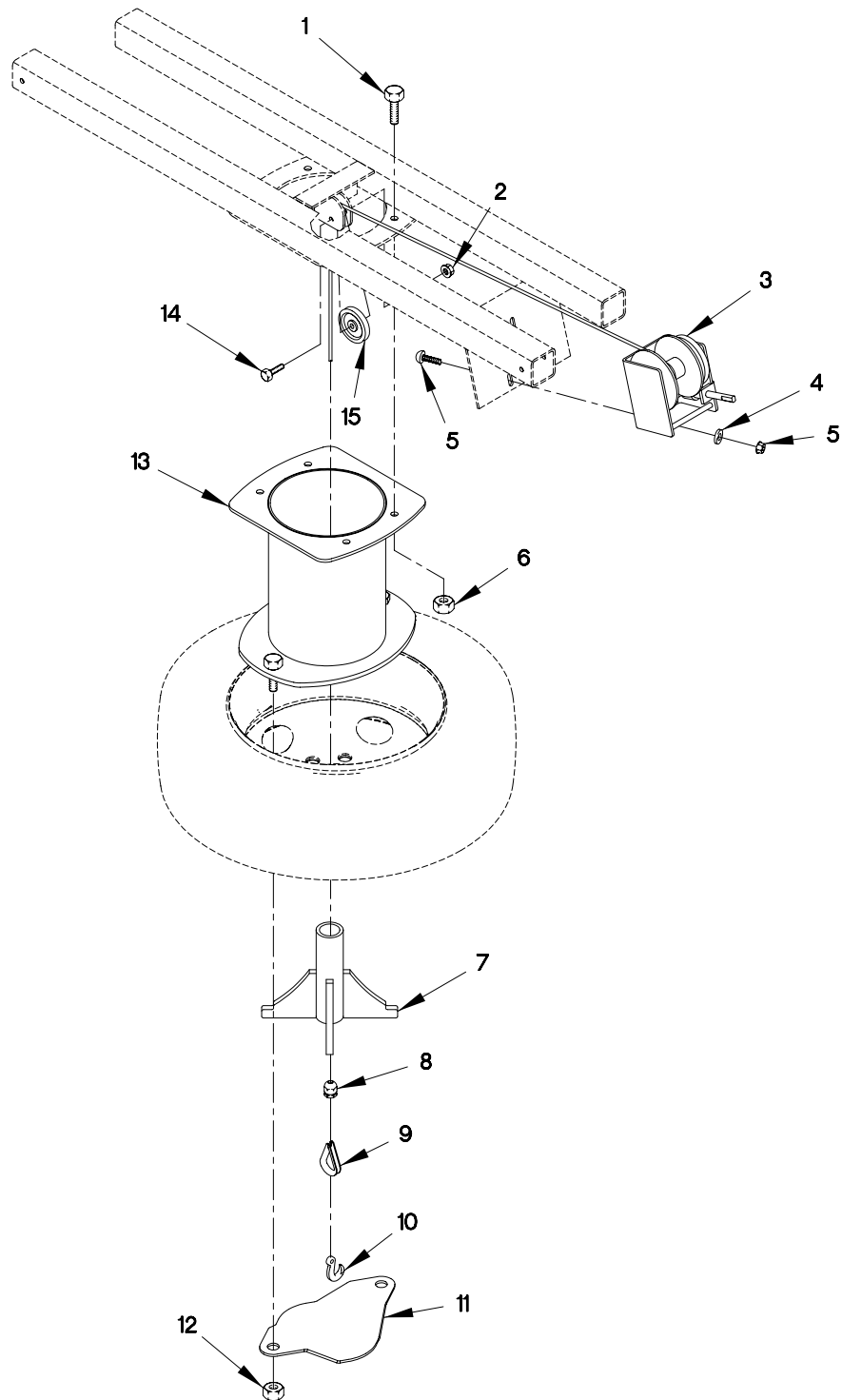


2001LT02A

Figure 45. Group 2001 RAIL LIFT JACK
0158 00-1 Blank/ 2

GROUP 2001 RAIL LIFT JACK – Continued**0158 00**

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
1	PAOZZ	5305-00-724-7266	80204	B1821BH063C50 0N	SCREW,CAP,HEXAGON H	1
2	PAOZZ	5310-01-407-7181	19207	12412476-13	NUT,SELF-LOCKING,HE	1
3	PAOZZ	5306-00-226-4832	80204	B1821BH063F17 5N	SCREW,HEX HEAD	2
4	PAOZZ	3010-01-540-3113	19207	12486373	COLLAR,CRANKSHAFT	1
5	PAOZZ	3040-01-539-8014	19207	12486444	TUBE,EXT,RAIL JACK	1
6	PAOZZ	5310-01-473-7114	19207	12412476-08	NUT,SELF-LOCKING,HE	2
7	PAOZZ		19207	12486617	JACK,RAIL LIFT	1
8	PAOZZ		7443	134947	.SHAFT	1
END OF FIGURE						

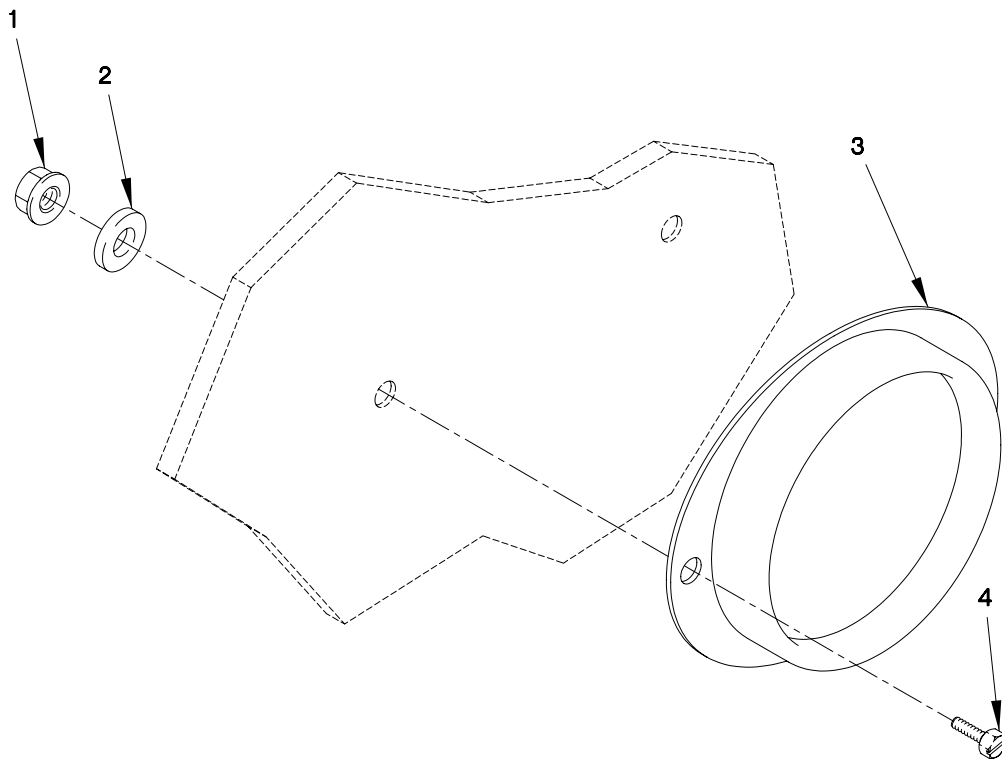


2001LT01A

Figure 46. Group 2001 SPARE TIRE CARRIER & WINCH
0159 00-1 Blank/ 2

GROUP 2001 SPARE TIRE CARRIER & WINCH – Continued**0159 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ		80205	MS90725-111	SCREW, HEX CAP	1
2	PAOZZ	5310-00-087-4652	81349	M45913/1- 6CG5C	NUT,SELF-LOCKING,HE	2
3	PAOZZ	3950-01-540-2964	19207	12486522	WINCH,TIRE CARRIER	1
4	PAOZZ	5310-00-167-0804	80205	AN960C616	WASHER, FLAT	1
5	PAOZZ	5305-00-269-3211	80205	MS90725-60	SCREW,ROLLER ASSEMB	2
6	PAOZZ	5310-01-407-7178	19207	12412476-11	NUT,SELF-LOCKING,HE	1
7	PAOZZ	4910-01-539-7847	19207	12486507	BRACKET,TIRE LIFT	1
8	PAOZZ	4030-01-540-1262	19207	12486757	CLAMP,SPLIT	1
9	PAOZZ		19207	12486390	THIMBLE	1
10	PAOZZ		19207	12486506	HOOK,SPECIAL	1
11	PAOZZ		19207	12486749	PLATE,SUPPORT,TIRE	1
12	PAOZZ	5310-01-045-3709	58536	A52427-R-0.750	NUT,PLAIN,SINGLE CARRIER,TIRE	2
13	PAOZZ		19207	12486510		1
14	PAOZZ	5305-00-725-2317	80204	B1821BH038C15		1
15	PAOZZ		19207	0N 12486529	SCREW,CAP,HEXAGON H PULLY,TIRE CARRIER	1
END OF FIGURE						

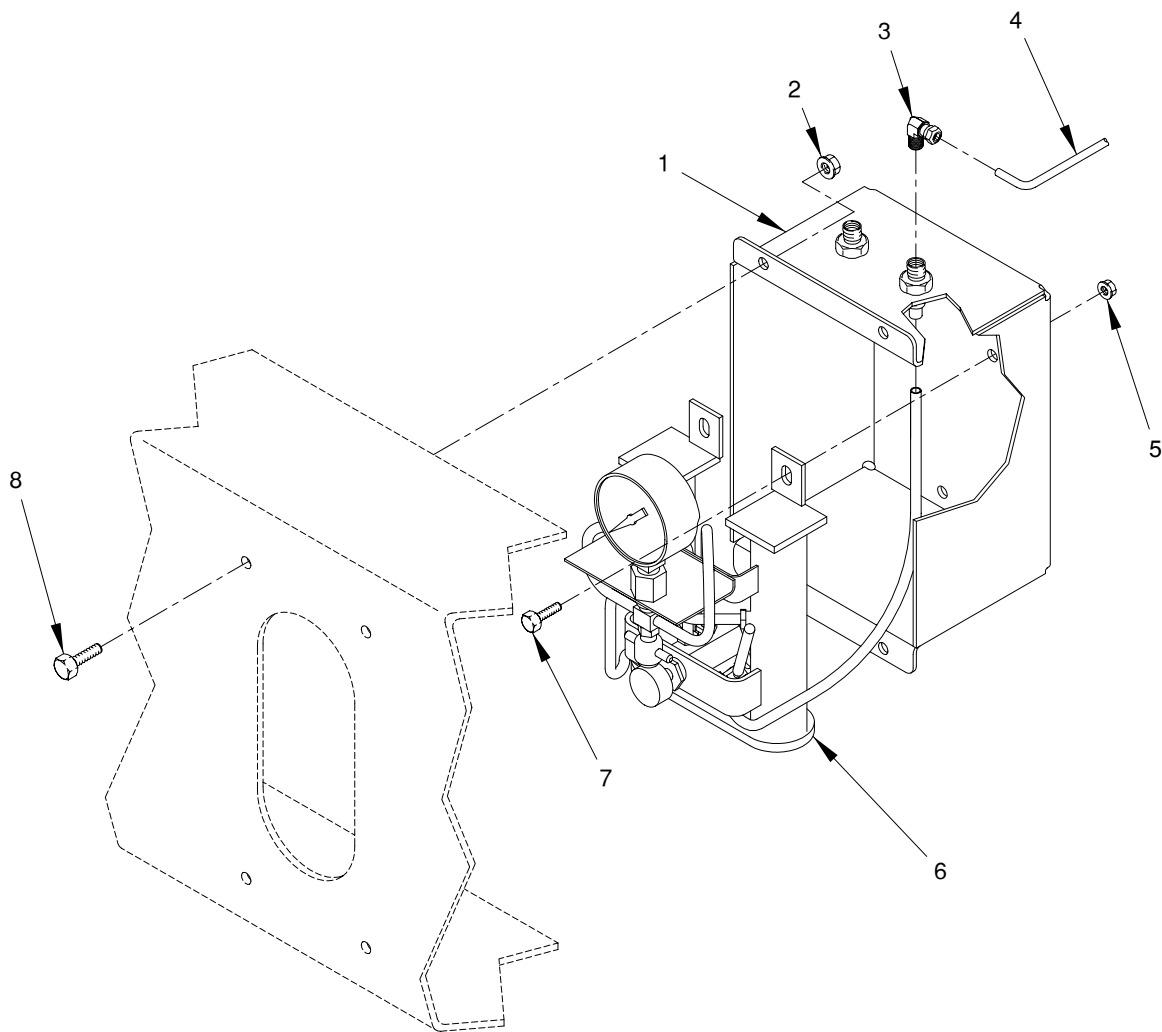


2202LT01A

Figure 47. Group 2202 REFLECTORS
0160 00-1 Blank/ 2

GROUP 2202 REFLECTORS – Continued**0160 00**

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
1	PAOZZ	5310-01-481-5015	96906	MS17830-C4	NUT,PLAIN,HEXAGON	8
2	PAOZZ	5310-01-352-9593	80205	NAS1149C0463R	WASHER,FLAT	8
3	PAOZZ	9905-00-205-2795	58536	AA52428-1	REFLECTOR,INDICATIN RED	2
3	PAOZZ	9905-00-202-3639	58536	AA52428-2	REFLECTOR,INDICATIN AMBER	2
4	PAOZZ	5305-01-357-8160	96906	MS51849-97C	SCREW,MACHINE	8
END OF FIGURE						



4706LT01A

Figure 48. Group 4706 OVERLOAD INDICATOR & COVER
0160 00-1 Blank/ 2

GROUP 4706 OVERLOAD INDICATOR & COVER – Continued**0161 00**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR					
NO	CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
1	PAOZZ		19207	12486771	LOAD INDICATOR BOX	1
2	PAOZZ	5310-00-088-1251	81349	M45913/1- 4CG5C	NUT,SELF-LOCKING,HE	4
3	PAOZZ	4730-01-086-4064	79470	1469X4X4	ELBOW,PIPE TO TUBE	2
4	MOOZZ		0FW39	12420572-004X	TUBING,NONMETALLIC	V
5	PAOZZ	5310-01-466-0565	0FW39	12412476-04	NUT,SELF-LOCKING,CO	3
6	PAOZZ		19207	12486410	INDICATOR,LOAD	1
7	PAOZZ		80204	S300NA44CAA17		3
				574 NNCH1	SCREW,HEX	
8	PAOZZ	5305-01-540-1515	80204	S210NA38CAD14		4
				354 BNCH1	SCREW,HEX,CAP	
END OF FIGURE						

UNIT MAINTENANCE
NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG. ITEM		STOCK NUMBER	FIG. ITEM	
2040-01-442-4055	39	2	5305-00-071-2071	20	3
2440-01-360-7372	28	1	5305-00-225-3839	2	2
2530-01-483-3949	26	8	5305-00-269-3211	23	7
3040-01-382-8736	19	1	5305-00-269-3213	25	5
4010-00-451-3533	30	20	5305-00-489-0743	25	1
4030-00-145-5721	30	21	5305-00-724-5911	30	6
4030-01-088-2952	30	25	5305-00-724-6761	36	17
4720-01-479-7709	19	3	5305-00-724-7266	32	17
4720-01-479-7711	19	3	5305-00-725-2317	47	14
4730-00-050-4203	36	7	5305-00-725-4092	36	30
4730-00-069-1187	23	10	5305-00-984-4980	1	4
4730-00-200-0257	24	12	5305-00-984-6191	1	22
4730-00-202-6491	20	14	5305-00-984-6214	22	3
4730-00-439-1722	16	3	5305-00-995-3442	1	23
4730-01-085-6577	20	12	5305-01-325-8387	16	2
4730-01-086-4064	23	2	5305-01-325-8388	30	9
4730-01-091-8032	26	3	5305-01-357-8159	4	4
4730-01-091-9212	21	13	5305-01-357-8160	48	4
4730-01-095-3430	21	14	5305-01-367-1294	23	6
4730-01-095-7717	26	10	5305-01-485-6049	21	11
4730-01-096-9128	26	5	5306-00-150-9995	34	3
4730-01-096-9398	24	10	5306-00-226-4825	1	6
4730-01-102-4123	16	9	5306-00-226-4832	46	3
4730-01-115-6643	17	7	5306-01-269-8693	35	11
4730-01-123-2946	20	15	5310-00-045-3299	1	18
4730-01-134-3568	26	9	5310-00-087-4652	43	12
4730-01-134-3571	26	13	5310-00-088-1251	21	7
4730-01-134-6989	23	12	5310-00-167-0721	1	11
4730-01-213-7733	18	4	5310-00-167-0804	16	5
4730-01-268-2402	24	4	5310-00-193-7577	1	15
4730-01-274-1825	16	11	5310-00-225-6993	30	5
4730-01-283-1877	20	9	5310-00-477-6768	43	7
4730-01-311-0242	16	7	5310-00-516-5566	47	12
4730-01-372-6528	24	3	5310-00-550-1130	1	9
4730-01-384-1441	19	1	5310-00-576-5752	1	25
4820-01-363-2117	18	5	5310-00-637-9541	25	6
5305-00-044-5503	36	23	5310-00-761-6882	1	10
5305-00-068-0502	1	8	5310-00-763-8920	20	18
5305-00-068-0511	43	5	5310-00-809-8544	1	24
5305-00-071-2067	32	11	5310-00-820-6653	20	7
5305-00-071-2069	32	14	5310-00-823-8804	21	6

UNIT MAINTENANCE
NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5310-00-852-8593	1	26	6150-00-772-8814	5	1
5310-00-880-7744	1	12	6220-01-521-7648	4	1
5310-00-926-5877	38	7	9905-00-202-3639	48	3
5310-00-926-5880	32	10	9905-00-205-2795	48	3
5310-00-933-8120	23	5			
5310-00-934-9739	1	16			
5310-00-934-9757	1	14			
5310-00-984-7042	3	2			
5310-01-103-6042	30	19			
5310-01-167-4064	32	3			
5310-01-312-1057	34	5			
5310-01-352-9575	4	3			
5310-01-352-9593	30	15			
5310-01-407-7177	1	1			
5310-01-407-7178	20	8			
5310-01-407-7181	32	16			
5310-01-436-3290	4	2			
5310-01-445-6346	16	6			
5310-01-466-0565	22	6			
5310-01-473-7114	36	20			
5310-01-481-5015	48	1			
5315-00-013-7214	12	3			
5315-00-058-9782	45	3			
5315-00-209-7273	32	13			
5315-00-234-1864	34	2			
5315-00-239-8032	38	3			
5315-00-252-5986	12	1			
5315-00-702-3529	37	11			
5315-01-215-7505	37	13			
5315-01-383-0048	35	12			
5315-01-406-7423	30	17			
5330-01-487-4641	12	13			
5331-01-188-9652	45	5			
5430-01-479-5606	18	1			
5925-00-900-1904	1	19			
5925-01-214-3228	1	20			
5935-00-846-3884	1	7			
5935-00-856-3513	1	5			
5963-01-500-2303	16	1			
5975-01-480-5396	1	21			
6110-01-479-8558	1	17			

**UNIT MAINTENANCE
PART NUMBER INDEX**

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
005-079-00	12	9	021-038-02	11	8
005-079-00	14	9	021-038-02	13	8
005-096-00	12	15	031-026-01	11	3
005-096-00	14	15	031-026-01	13	3
005-097-00	12	12	031-026-02	11	4
005-097-00	14	12	031-026-02	13	4
005-098-00	11	14	031-027-01	11	4
005-098-00	13	14	031-027-01	13	4
005-099-00	11	13	031-027-02	11	4
005-099-00	13	13	031-027-02	13	4
005-100-00	11	9	034-032-00	12	7
005-100-00	13	9	034-032-00	14	7
005-134-00	12	4	034-058-01	20	17
005-134-00	14	4	034-192-08	12	8
006-099-00	12	10	034-192-08	14	8
006-099-00	14	10	040-180-00	15	9
006-114-00	11	15	046-096-00	15	5
006-114-00	13	15	046-097-00	15	4
006-115-00	11	12	055-040-98	12	2
006-115-00	13	12	055-040-98	14	2
007-139-00	12	6	056-017-00	15	3
007-139-00	14	6	056-018-00	15	6
007-157-00	11	10	061-006-00	12	17
007-157-00	13	10	061-006-00	14	17
007-194-00	11	5	069-020-00	12	11
007-194-00	13	5	069-020-00	14	11
008-290-13	11	2	069-078-00	12	5
008-290-13	13	2	069-078-00	14	5
010-052-00	12	13	071-122-00	15	8
010-052-00	14	13	071-124-00	11	7
010-055-00	11	3	071-124-00	13	7
010-055-00	13	3	1-647-010004217	30	24
014-056-00	12	14	10-8 100202BA	16	9
014-056-00	14	14	118650	30	29
014-058-00	12	16	12-8 130140B	16	7
014-058-00	14	16	12-8 130140B	17	2
014-065-00	15	7	12378642-005	30	11
014-068-00	15	2	12378642-006	30	23

**UNIT MAINTENANCE
PART NUMBER INDEX**

PART NUMBER	FIG. ITEM		PART NUMBER	FIG. ITEM	
12378849	19	4	12419079-005	7	4
12378849-001	19	4	12419965-001	19	3
12412476-04	22	6	12419965-002	19	3
12412476-04	49	5	12420062-020	16	4
12412476-06	1	1	12420062-020	17	9
12412476-06	2	3	12420062-021	20	16
12412476-06	7	3	12420572-004X	20	13
12412476-06	21	1	12420572-004X	21	12
12412476-06	27	1	12420572-004X	22	4
12412476-06	35	16	12420572-004X	23	1
12412476-06	45	10	12420572-004X	24	2
12412476-06	49	2	12420572-004X	25	12
12412476-08	36	20	12420572-004X	27	4
12412476-08	46	6	12420572-004X	28	3
12412476-09	16	6	12420572-004X	49	4
12412476-09	23	8	12420572-006X	16	10
12412476-09	44	8	12420572-006X	17	5
12412476-11	20	8	12420572-006X	20	10
12412476-11	32	7	12420572-006X	26	6
12412476-11	45	17	12420572-008X	17	6
12412476-11	47	6	12420572-008X	26	4
12412476-13	32	16	12420572-010X	16	8
12412476-13	35	3	12421167-001	23	11
12412476-13	36	19	12421379-013	18	3
12412476-13	46	2	12422657-002	4	1
12412476-14	36	35	12422958	3	1
12412608	30	17	12422973-001	4	5
12412608	36	26	12422973-002	4	5
12412608	38	10	12422997	28	1
12414314-009	20	6	12423014-005	8	1
12414473-015	32	3	12423014-006	8	4
12414667-001	19	1	12423014-007	8	2
12414668-001	19	1	12423014-008	8	3
12417661-002	19	5	12441163-002	39	1
12417661-002	26	2	12442787	26	8
12419079-001	7	5	12442962-006	18	1
12419079-004	7	2	12442963	23	3

**UNIT MAINTENANCE
PART NUMBER INDEX**

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
12442971-001	1	3	12486365	9	1
12443057	39	2	12486366	36	10
12443610	16	1	12486369	17	3
12443612-001	10	1	12486370	11	1
12443617-027	32	4	12486390	47	9
12484560-001	28	6	12486397	18	2
12420062-022	19	7	12486400	41	1
12420062-023	19	7	12486370	13	1
12486319	35	5	12486373	46	4
12486320	35	13	12486375	36	11
12486321-102	11	11	12486384	36	33
12486321-102	13	11	12486400-001	41	2
12486321-103	11	11	12486400-002	41	2
12486321-103	13	11	12486400-504	42	1
12486321-104	11	6	12486400-510	40	2
12486321-104	13	6	12486400-510	41	4
12486322	29	1	12486400-511	40	8
12486329	35	17	12486400-511	41	11
12486330	6	1	12486400-512	40	8
12486338	6	2	12486400-512	41	11
12486339	6	3	12486400-513	40	7
12486340	6	4	12486400-513	41	10
12486342	30	18	12486400-514	42	2
12486350	32	5	12486400-515	40	12
12486351-001	44	1	12486400-515	41	15
12486351-002	44	1	12486400-516	40	1
12486359-501	35	15	12486400-516	41	3
12486359-502	35	7	12486400-517	40	4
12486359-503	35	8	12486400-517	41	6
12486359-504	35	10	12486400-518	42	6
12486359-506	35	6	12486400-519	40	3
12486359-507	35	14	12486400-519	41	5
12486359-508	35	9	12486400-520	40	9
12486361	25	2	12486400-520	41	12
12486362	21	4	12486400-521	40	10
12486363	27	2	12486400-521	41	13
12486364	36	8	12486400-522	40	6

**UNIT MAINTENANCE
PART NUMBER INDEX**

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
12486400-522	41	9	12486514	32	1
12486400-522	42	5	12486514-116	32	2
12486400-523	40	5	12486514-116	33	1
12486400-523	41	8	12486514-117	20	1
12486400-524	42	3	12486515	33	6
12486400-525	40	11	12486520	45	7
12486400-525	41	14	12486522	47	3
12486400-526	42	4	12486528	31	1
12486410	49	6	12486529	47	15
12486411	21	5	12486533	30	13
12486412-001	34	1	12486534	35	20
12486412-002	34	1	12486541	44	2
12486416	10	5	12486542-001	44	10
12486417	20	2	12486542-002	44	10
12486418	33	3	12486547	37	5
12486419	33	4	12486548	37	3
12486420	20	4	12486550	37	2
12486421	10	3	12486556	37	6
12486426	32	8	12486557-001	37	1
12486430	32	18	12486557-002	37	1
12486431	32	9	12486557-102	37	7
12486432	10	4	12486557-103	37	12
12486433	32	15	12486557-104	37	8
12486435-001	30	30	12486559	45	8
12486435-002	30	27	12486571	20	5
12486437	30	28	12486573	45	11
12486444	46	5	12486588	30	1
12486447	22	2	12486589	35	1
12486474	45	2	12486602	30	4
12486483	45	6	12486602-001	36	1
12486485	45	1	12486603	25	7
12486487	45	4	12486605	45	12
12486506	47	10	12486614	29	2
12486507	47	7	12486615	35	2
12486510	47	13	12486616	29	3
12486511	30	2	12486617	46	7
12486512	30	10	12486621	32	12

**UNIT MAINTENANCE
PART NUMBER INDEX**

PART NUMBER	FIG. ITEM		PART NUMBER	FIG. ITEM	
12486623	32	19	139222	8	5
12486633	24	6	1468X6X6	26	5
12486644	36	13	1468X8	26	3
12486647	36	25	1469X4X4	23	2
12486652	36	14	1469X4X4	25	11
12486658	36	21	1469X4X4	27	3
12486659	36	21	1469X4X4	41	7
12486670	36	24	1469X4X4	49	3
12486694	38	4	1512-0-4	1	20
12486695	38	9	209P-6-4	20	14
12486696	38	2	264NTA-4	21	14
12486697	38	1	264NTA-4	27	8
12486700	36	16	2678	1	21
12486704	36	15	30056-10	1	19
12486705-001	36	18	300634AM	2	1
12486705-002	36	18	4 130137B	24	5
12486714	37	13	4 130137B	25	9
12486720	30	26	4-4-100102BA	21	13
12486721	44	3	4-4-100102BA	23	9
12486722	44	6	4-4-100102BA	24	1
12486730	23	4	4-4-100102BA	27	5
12486736	30	3	4-4-4 100424BA	24	3
12486749	47	11	4-4-4 100424BA	27	7
12486757	47	8	4-4-4 100425BA	20	15
12486760	25	4	4-4-4 140438B	24	4
12486761	36	34	4-4-4 140438B	25	10
12486771	49	1	4-6 100102BA	24	10
12486777	30	7	4-6 100102BA	28	4
12486786	38	6	4-6 100202BA	20	12
12486787	38	5	4-6 100202BA	22	1
12486804-001	36	31	4-6 100202BA	28	5
12486804-002	36	31	48X6X6	16	3
12486809	36	29	48X6X6	17	8
12486810	36	29	48X6X6	20	19
12486812	37	9	48X6X6	26	11
12486816	30	14	6 130109AB	18	4
12486817	25	3	6 130109AB	22	5
134947	46	8	6 130109AB	26	1

**UNIT MAINTENANCE
PART NUMBER INDEX**

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
6-4 100202BA	23	10	B1821BH038C125N	44	5
6-4 100203BA	23	12	B1821BH038C150N	47	14
8-6-010102B	19	6	MS16562-271	36	32
8-6-8 100424BA	26	9	MS16562-280	37	11
8-8 100202BA	17	7	B1821BH050C125N	32	11
90006396	21	10	B1821BH050C150N	32	14
90054466	24	7	B1821BH050C200N	20	3
6-4 130139B	24	12	B1821BH050C200N	32	6
6-6 100202BA	16	11	B1821BH063C500N	32	17
6-6 100202BA	17	4	B1821BH063C500N	46	1
6-6 100202BA	20	11	DB-1249-49	35	11
6-6-6 100401BA	26	13	DT-VR(SS)	1	17
6-6-6 100425BA	20	9	K71-136-00	15	1
6-6-6 100425BA	26	7	M12133/2-505	34	5
6-6-6 140438B	28	2	M45913/1-10CG5C	30	31
6-6-6-140424B	24	11	M45913/1-4CG5C	21	7
7728814	5	1	M45913/1-4CG5C	30	22
8-4 130137B	24	9	M45913/1-6CG5C	44	12
8-6 100202BA	26	10	M45913/1-6CG5C	47	2
8-6 140137B	17	1	M45913/1-8CG5C	30	5
8-6 140137B	19	2	M83420/4-002	30	20
8-6 140137B	26	12	M83420/4-002	36	3
90054516	21	8	M83420/4-002	36	27
90054859	24	8	MS16562-236	45	3
93900198	21	9	MS17830-010C	4	2
A 13 DIN125-ST	33	5	MS17830-010C	28	7
A52427-L-0.750	47	12	MS17830-010C	36	6
AA52428-1	48	3	MS17830-C4	48	1
AA52428-2	48	3	MS24665-140	12	1
AN8-15	34	3	MS24665-140	14	1
AN960C616	16	5	MS24665-302	34	2
AN960C616	44	4	MS24665-359	12	3
AN960C616	44	11	MS24665-359	14	3
AN960C616	47	4	MS24665-513	38	3
AS15001-1	36	7	MS24665-625	32	13
B1821BH031C075N	1	6	MS24665-625	33	2
B1821BH031C175N	46	3	MS27183-7	1	24

**UNIT MAINTENANCE
PART NUMBER INDEX**

PART NUMBER	FIG. ITEM		PART NUMBER	FIG. ITEM	
MS27183-9	21	6	MS51967-2	1	10
MS28775-205	45	5	MS51967-2	10	2
MS3217-4200	36	12	MS51967-20	20	18
MS35206-223	1	4	MS51967-20	30	8
MS35206-243	1	22	MS51967-5	1	12
MS35206-267	22	3	MS51967-5	32	20
MS35207-268	1	23	MS75021-2	1	7
MS35333-36	1	15	MS90725-10	21	11
MS35333-38	1	13	MS90725-111	30	12
MS35333-39	1	25	MS90725-111	36	9
MS35333-40	1	9	MS90725-111	47	1
MS35333-41	1	11	MS90725-113	30	9
MS35338-138	23	5	MS90725-113	45	15
MS35338-141	3	2	MS90725-160	36	23
MS35338-160	38	7	MS90725-163	30	6
MS35338-162	32	10	MS90725-167	36	17
MS35338-42	1	18	MS90725-6	1	8
MS35338-46	25	6	MS90725-60	23	7
MS35338-50	20	7	MS90725-60	25	8
MS35338-50	36	22	MS90725-60	47	5
MS35649-103	1	26	MS90725-62	25	5
MS35649-2384	44	7	MS90725-64	16	2
MS35649-242	1	16	MS90725-8	2	2
MS35649-282	1	14	MS90725-8	21	3
MS51412-4	30	19	MS90725-8	30	16
MS51844-62	30	25	MS90726-158	36	30
MS51844-62	36	2	N-30256-C	18	5
MS51844-62	36	28	N220N04CAKNN56301BCH1	44	13
MS51844-64	30	21	N220N04CAPNN56303NCH1	37	10
MS51849-137C	3	3	N220N05FAMNN56302BCH1	34	6
MS51849-64C	23	6	NAS1149C0363R	4	3
MS51849-77C	4	4	NAS1149C0363R	21	2
MS51849-77C	36	4	NAS1149C0463R	30	15
MS51849-96	25	1	NAS1149C0463R	35	18
MS51849-96	27	6	NAS1149C0463R	36	5
MS51849-96	35	19	NAS1149C0463R	48	2
MS51849-96	45	13	NAS1149C0863R	45	16
MS51849-97C	48	4	NAS1149F0463B	45	9

UNIT MAINTENANCE
PART NUMBER INDEX

PART NUMBER	FIG. ITEM	PART NUMBER	FIG. ITEM
NAS1149F0763B	45 14		
S210NA38CAD14354BNCH1	1 2		
S210NA38CAD14354BNCH1	49 8		
S210NA38CAD17354BNCHI	7 1		
S210NA38CAK17354BNCH1	44 9		
S210NA38CAK23354BNCH3	38 8		
S210NA38CAP23354BNCH1	35 4		
S300NA44CAA17574NNCHI	49 7		
S300NB20CAK10912NNCG1	37 4		
SAEJ560	1 5		
W221NAAW050NN436BNQA1	34 4		
XB-121	35 12		

BASIC ISSUE ITEMS (BII) LIST

0164 00**SECTION I. INTRODUCTION****SCOPE**

This appendix lists BII items for the LHST to help you inventory the items for safe and efficient operation of the equipment.

GENERAL

The BII information is the following list:

Basic Issue Items (BII).

These essential items are required to place the LHST in operation, operate it, and for emergency repairs. Although shipped separately packaged, BII must be with the LHST during operation and when it is transferred between property accounts. Listing these items is your authority to request/requisition them for replacement based on authorization of the end item by the TOE/MTOE. Illustrations are furnished to help you find and identify the items.

EXPLANATION OF COLUMNS

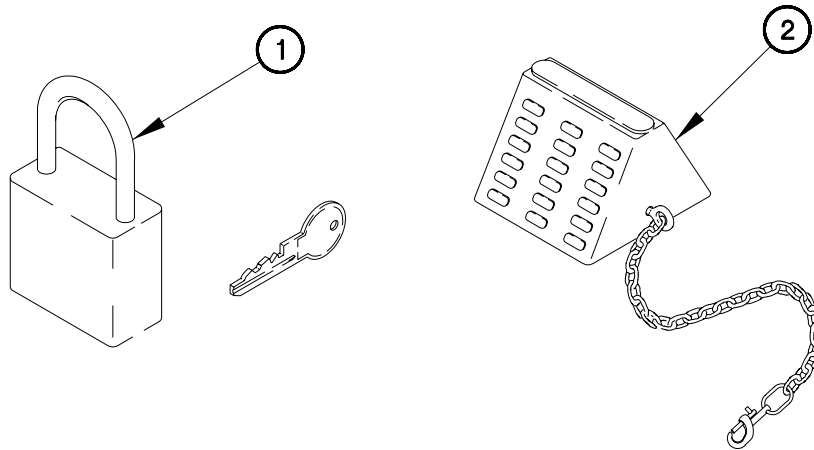
Column (1) – Illustration Number. Gives you the number of the item illustrated.

Column (2) – National Stock Number. Identifies the stock number of the item to be used for requisitioning purposes.

Column (3) – Description, CAGEC, and Part Number. Identifies the Federal item name (in all capital letters) followed by a minimum description when needed. The stowage location of COEI is also included in this column. The last line below the description is the CAGEC (commercial and Government entity code) (in parentheses) and the part number.

Column (4) – U/M (Unit of Measure). Indicates how the item is issued for the National Stock Number shown in column (2).

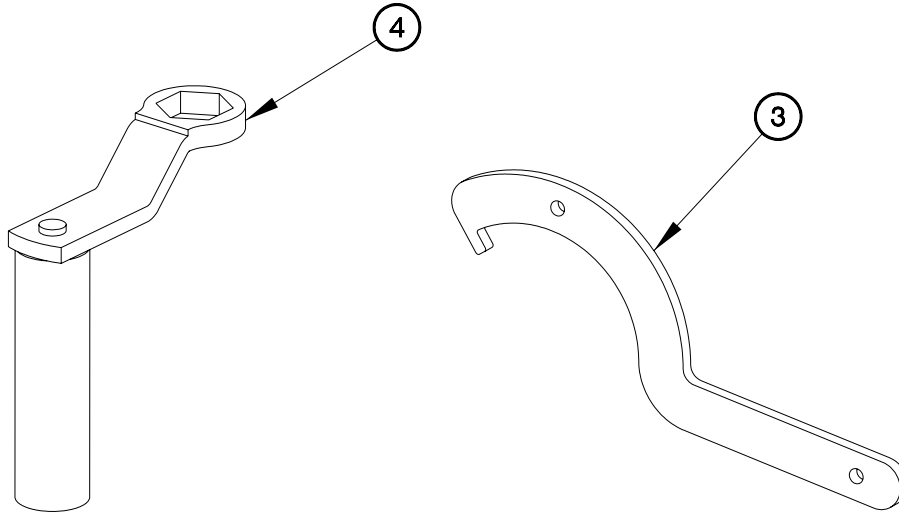
Column (5) – Qty REQD. Indicates the quantity required.

BASIC ISSUE ITEMS (BII) LIST-Continued**0164 00****SECTION II. BASIC ISSUE ITEMS (BII)**

CD165B01

Table 1. Basic Issue Items List

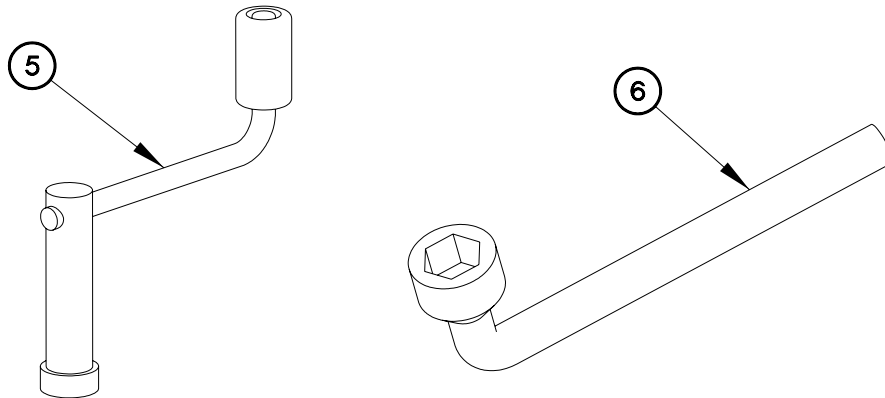
(1) ILLUS NUMBER	(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION, CAGEC, AND PART NUMBER	(4) U/M	(5) QTY REQD
1	5340-01-468-5390	PADLOCKS SET (19207) 12422368	EA	1
2	2540-01-500-6119	CHOCK BLOCKS A- 52475-2	EA	2

BASIC ISSUE ITEMS (BII) LIST-Continued**0164 00****SECTION II. BASIC ISSUE ITEMS (BII) - Continued**

CD165B02

Table 1. Basic Issue Items List - Continued

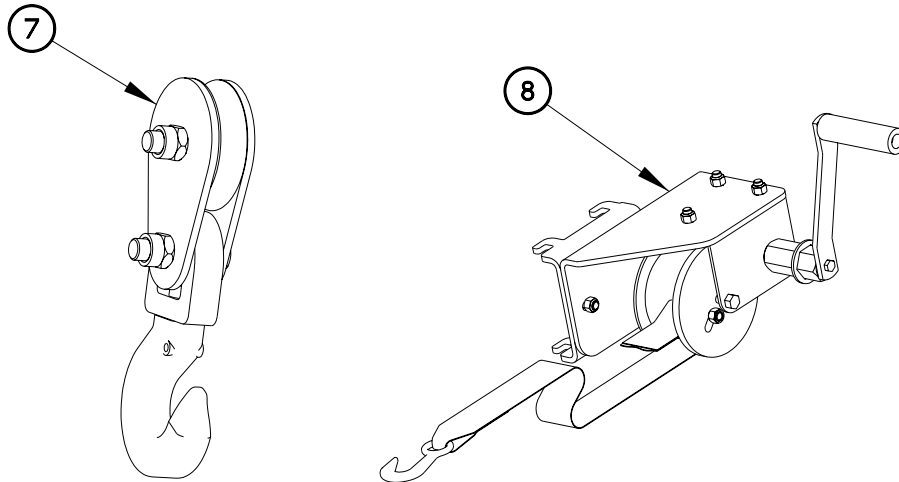
(1) ILLUS NUMBER	(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION, CAGEC, AND PART NUMBER	(4) U/M	(5) QTY REQD
3		TOOL, TWIST LOCK (19207) 12486776	EA	1
4		CRANK, TIRE/SHUTTLE (19207)12486769	EA	1

BASIC ISSUE ITEMS (BII) LIST-Continued**0164 00****SECTION II. BASIC ISSUE ITEMS (BII) - Continued**

CD165B03

Table 1. Basic Issue Items List - Continued

(1) ILLUS NUMBER	(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION, CAGEC, AND PART NUMBER	(4) U/M	(5) QTY REQD
5		HANDLE, CRANK (19207) 12486755	EA	1
6		WRENCH, 15/16, SHUTTLE GUIDE (19207) 12486731	EA	1

BASIC ISSUE ITEMS (BII) LIST-Continued**0164 00****SECTION II. BASIC ISSUE ITEMS (BII) - Continued**

CD165D04

Table 1. Basic Issue Items List - Continued

(1) ILLUS NUMBER	(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION, CAGEC, AND PART NUMBER	(4) U/M	(5) QTY REQD
7	3940-01-391-1848	SNATCH BLOCK (19207) 12378672-004	EA	1
8		WINCH ASSEMBLY, SHUTTLE (19207) 12486356	EA	1

EXPENDABLE/DURABLE ITEMS LIST**0165 00****INTRODUCTION****Scope**

This work package lists expendable and durable items that you will need to operate and maintain the LHS trailers. This listing is for information only and is not authority to requisition the listed items. These items are authorized to you by CTA 50-970, Expendable/Durable Items (except Medical, Class V Repair Parts, and Heraldic Items), or CTA 50-909, Field and Garrison Furnishings and Equipment, or CAT 8-100, Army Medical Department Expendable/Durable Items.

Explanation of Columns in the Expendable/Durable Items List

Column (1) -- Item Number. This number is assigned to each entry in the list and is referenced in the narrative instructions to identify the item (e.g., "Antiseize Compound (Item 2, WP 0166 00)").

Column (2) -- Level. This column identifies the lowest level of maintenance that requires the listed item (C = Operator/Crew, O = Field, F = Sustainment).

Column (3) -- National Stock Number (NSN). This is the NSN assigned to the item; use it to requisition the item.

Column (4) -- Item Name, Description, Part Number/(CAGEC). This column provides the other information you need to identify the item. The last line below the description is the part number and Commercial and Government Entity Code (CAGEC) (in parentheses).

Column (5) -- Unit of Issue (U/I). This code shows the physical measurement or count of an item, such as gallon, dozen, gross, etc.

EXPENDABLE AND DURABLE ITEMS LIST**Table 1. Expendable and Durable Items List**

(1) Item No.	(2) Level	(3) National Stock Number (NSN)	(4) Item Name, Description, Part Number/(CAGEC)	(5) U/I
1	O		Anaerobic Adhesive SAF-T-Lok T77 Type 1 Grade L (AN0211 IAW ASTM-D-5363)	BT
2	O	8030-00-597-5367	Antiseize Compound (73165) 51008	CN
3	O	5977-00-758-9555	Brush Set (35510) 71035	EA
4	O	4730-01-348-6542	Bushing, Pipe (93061) 209P-8-4	EA
5	O	8030-01-418-9008	Corrosion Prevention Compound (09137) WD-40	CN
6	O	7520-01-209-1152	Dispenser, Pressure Sensitive Adhesive Tape (55203) 5006-0-9	CN

EXPENDABLE/DURABLE ITEMS LIST - Continued**0165 00****Table 1. Expendable and Durable Items List - (Cont)**

(1) Item NO.	(2) Level	(3) National Stock Number (NSN)	(4) Item Name, Description, Part Number/(CAGEC)	(5) U/I
7	O		Grease, Automotive and Artillery (GAA) (81349) (MIL-G-10924)	
		9150-01-197-7688	2-1/4 oz tube	TU
		9150-01-197-7690	1.75 lb can	CN
		9150-01-197-7689	6.5 lb can	CN
		9150-01-197-7692	35 lb can	CN
8	O	9150-00-530-6814	Grease, Wire Rope-Exposed Gear (81349) (MIL-G-18458) 35 lb can	CN
9	O		Nut (1-512-010007-11)	EA
10	O		Oil, Lubricating, Gear, GO 75W (81349) (MIL-L-2105)	
		9150-01-035-5390	1 qt can	CN
		9150-01-035-5391	5 gl can	CN
11	O	7920-00-205-1711	Rag, Wiping (64067) 50 lb bale	EA
12			Screw (101387)	EA
13	O	8030-01-218-0321	Sealing Compound (05972) (592)	TU
14	O	8030-00-204-9149	Sealing Compound (05972) (592-14)	TU
15	O	8030-01-218-0321	Sealing Compound (61603) 392030	TU
16	O	7930-00-634-3935	Soap, Laundry (81348) P-S-1792 200 lb drum	DR
17	O	3439-00-006-7764	Solder, Tin Alloy (81346) ASTM B32	SL
18	O		Solvent, Dry Cleaning SD (P-D-680)	
		6850-00-281-1985	1 gl can	CN
		6850-00-664-5685	1 qt can	CN
19	O	5640-00-103-2254	Tape, Duct (39428) 1791K70	EA
20	O	5975-01-379-4997	Ties, Cable, Plastic (06383) PLT 35-C-O	HD
21	O		Washer (1-861-010032-19)	EA
22	O	6145-01-148-2263	Wire, Electrical (80009) 175-0825-00 50 ft	LG

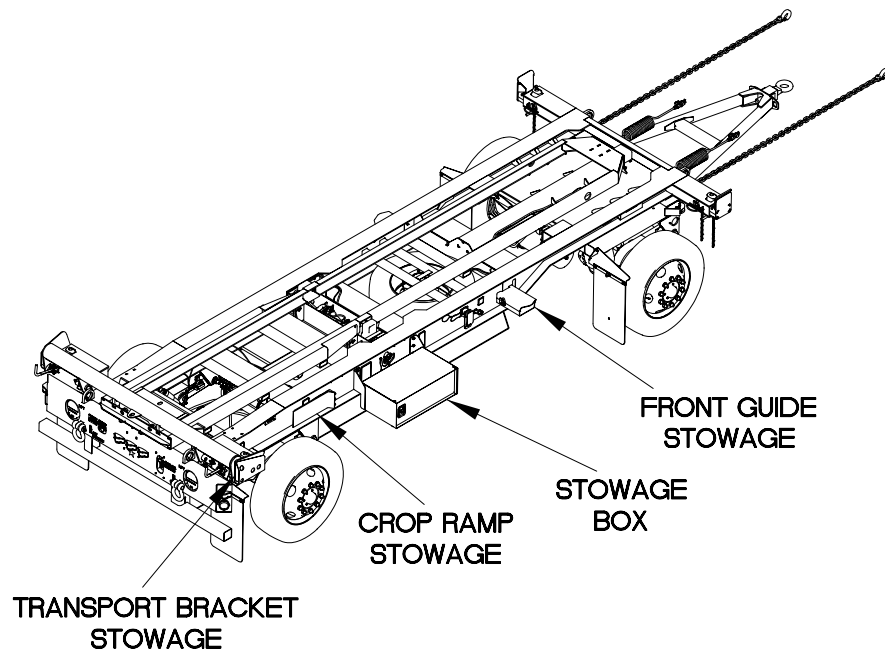
END OF WORK PACKAGE**0165 00-2**

STOWAGE AND DECAL/DATA PLATE GUIDE**0166 00****INTRODUCTION****Scope**

This work package shows the location for stowage of equipment and material required to be carried on the Load Handling System Trailer (LHST) and locations of decals, stencils, and data plates that are required to be in place on the trailer.

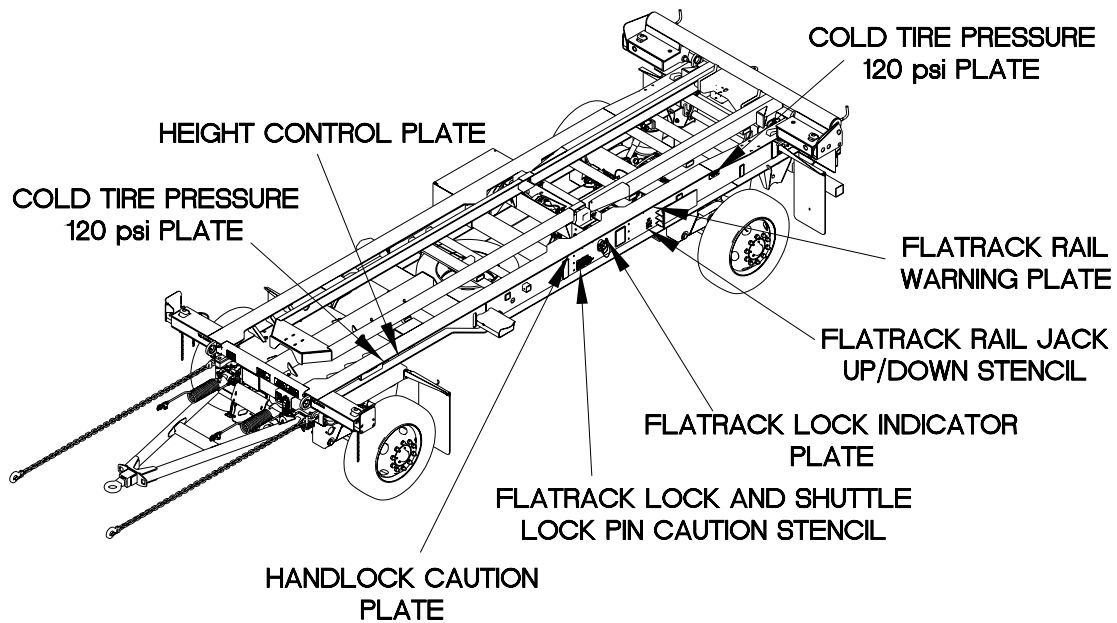
General

The equipment stowage locator is designed to help inventory items required for safe and efficient operation. The equipment locator is representative of COEI and applicable AAL stowage on the LHST.

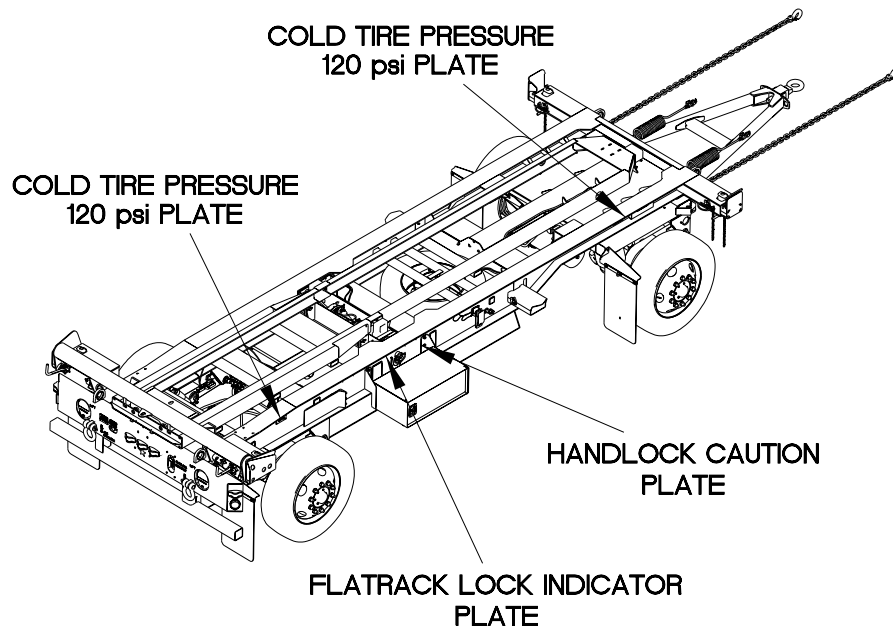
STOWAGE LOCATIONS

CD167B01

DECALS/STENCILS/DATA PLATES

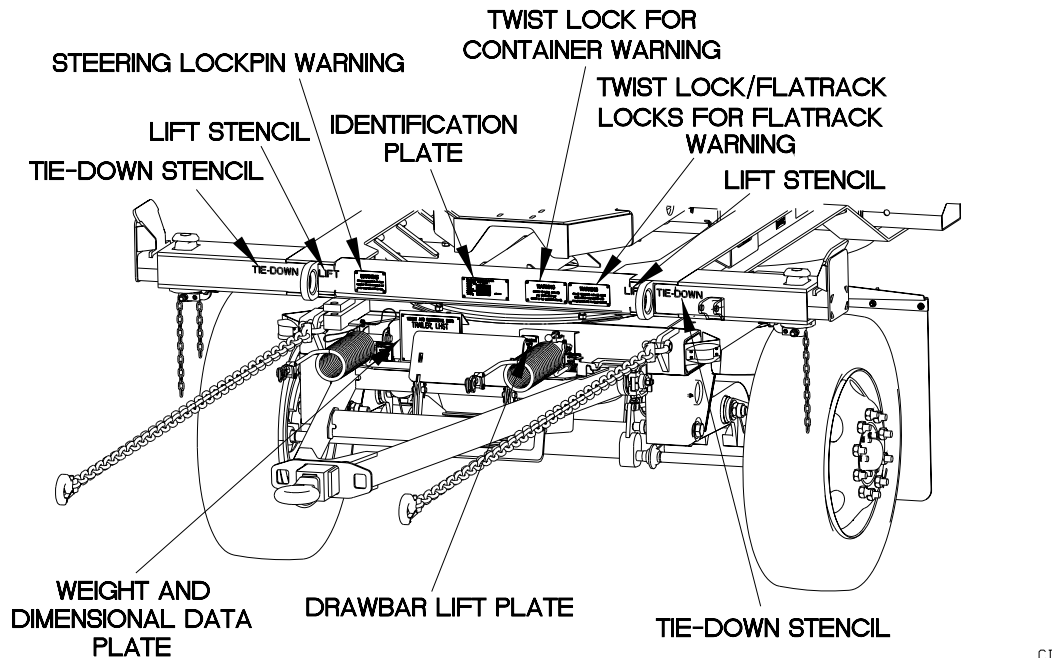


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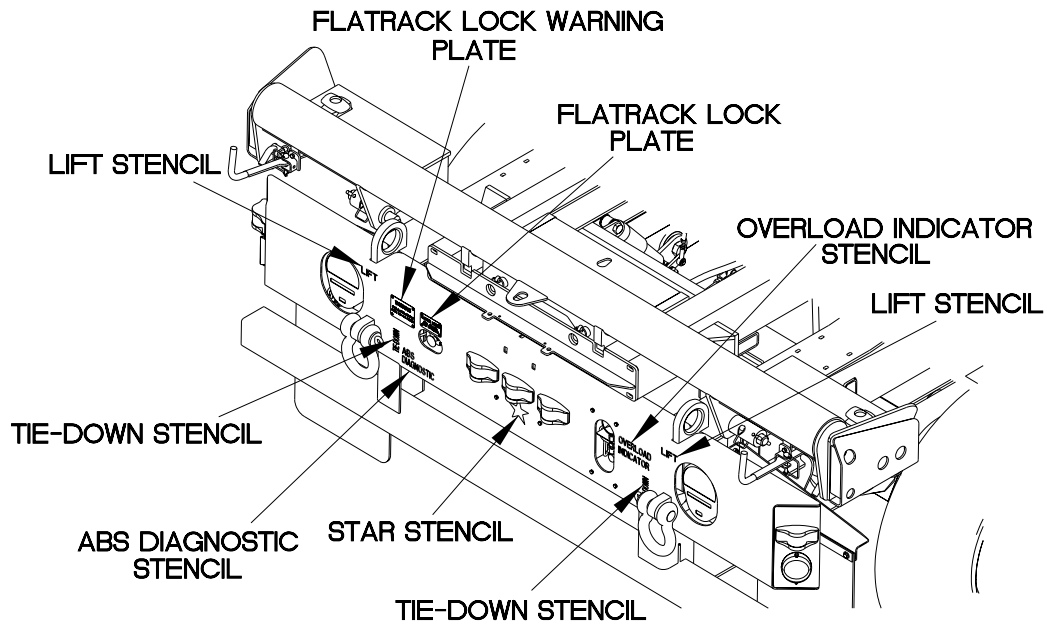


CD167B03

DECALS/STENCILS/DATA PLATES



CD167B04



CD167B05

TOOL IDENTIFICATION LIST**0167 00****INTRODUCTION****Scope**

This work package lists common tools and supplements and special tools/fixtures needed to maintain the LHS trailer.

Explanation of columns in the Tool Identification List

Column (1) -- Item Number. This number is assigned to the entry in the list and is referenced in the initial setup to identify the item (e.g., "Adjusting Tool, Brake Shoe (Item 1, WP 0161 00)").

Column (2) -- Item Name. This column lists the item by noun nomenclature and other descriptive features (e.g., "Gloves, Rubber").

Column (3) -- National Stock Number (NSN). This is the National Stock Number (NSN) assigned to the item; use it to requisition the item.

Column (4) -- Part Number/(CAGEC). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity) which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items. The manufacturer's Commercial and Government Entity Code (CAGEC) is also included.

Column (5) -- Reference. This column identifies the authorizing supply catalog or RPSTL for items listed in this work package.

TOOL IDENTIFICATION LIST**Table 1. Tool Identification List**

(1) Item No.	(2) Item Name	(3) National Stock Number (NSN)	(4) Part Number/ (CAGEC)	(5) Reference
1	Bar, Socket Wrench Handle	5120-00-243-2419	DX5741A (56442)	6695-92-A08
2	Bar, Wrecking	5120-00-293-0665	55-130 (57068)	SC 4910-95-CL-A72
3	Drill, Portable, Electric	5130-00-293-1849	W-D-661 (81348)	SC 4910-95-CL-A74
4	Drill, Set, Twist	5130-00-293-0983	58 (13130)	SC 4910-95-CL-A74
5	Gage, Pressure, 0-150 psi	6685-00-474-5721	111T1D05A0 1 (59018)	

TOOL IDENTIFICATION LIST-Continued**0167 00****TOOL IDENTIFICATION LIST - Continued****Table 1. Tool Identification List (Cont)**

(1)	(2)	(3)	(4)	(5)
Item No.	Item Name	National Stock Number (NSN)	Part Number/ (CAGEC)	Reference
6	Gloves, Rubber	8415-00-641-4601	ZZ-G-381 (81348)	SC 4910-95-CL-A74
7	Gloves, Welder's	8415-00-268-7859	A-A-50022 (58536)	SC 4910-95-CL-A72
8	Goggles, Industrial	4240-00-052-3776	A-A-1110 (58536)	SC 4910-95-CL-A74
9	Inflator-Gage, Tire w/Hose	4910-01-038-2820	11677140-5 (19207)	
10	Jack, Dolly Type, Hydraulic	5120-01-374-0532	D-51013 (OE3L5)	
11	Jack, Leveling Support	2590-00-23107418	10876244 (19207)	
12	Lift, Transmission and Differential	4910-00-585-3622	49 (79260)	SC 4910-95-A62
13	Multiplier, Torque Wrench	5120-00-574-9318	292 (87641)	SC 4910-95-CL-A72
14	Screwdriver, Crosstip	5120-00-234-8912	11655777-9 (19207)	5180-92-S02
15	Screwdriver, Crosstip	5120-00-234-8913	11655777-12 (19207)	
16	Sling, Cargo	1670-00-823-5043	63J4261-13 (07878)	CTA-50-970
17	Sling, Multiple Leg	3940-00-777-5743	A170 (32413)	
18	Socket Set, Impact	5130-01-117-0466	4151MMY (55719)	SC 4910-95-A31
19	Socket Set, Socket Wrench	5120-00-169-4586	Z62D (45225)	SC 4910-95-A81
20	Soldering and Brazing Outfit, Resistance Heating	3439-00-460-7198	W-TCP-K (97049)	SC 4940-95-CL-B20
21	Tool Kit, Blind Rivet	5180-01-201-4978	D-100-MIL-1(64878)	SC 4910-95-CL-A72

TOOL IDENTIFICATION LIST-Continued**0167 00****TOOL IDENTIFICATION LIST - Continued****Table 1. Tool Identification List (Cont)**

(1)	(2)	(3)	(4)	(5)
Item No.	Item Name	National Stock Number (NSN)	Part Number/ (CAGEC)	Reference
22	Tool Kit, Genl Mech (2 Level Maintenance)	5180-01-454-3787	12B470000 (59678)	SC 9999-01-SKO
23	Tool Kit, Genl Mech (3 Level Maintenance)	5180-00-177-7033	SC 5180-90-CL-N26 (50980)	SC 9999-01-SKO
24	Trestle, Motor Vehicle Maintenance	4910-00-251-8013	306 (79805)	SC 4910-95-CL-A74
25	Vice, Machinist's	5120-00-293-1439	504M2 (79416)	SC 4910-95-CL-A74
26	Wrench Set, Socket	5120-00-148-3706	ANSI-B107.5	4940-95-B21
27	Wrench Set, Crowfoot Ratcheting	5120-00-293-0013	GGG-W-646 (80244)	
28	Wrench, Adjustable, 12 in	5120-00-264-3796	11655778-5 (19207)	
29	Wrench, Adjustable, 8 in	5120-00-240-5328	11655778-3 (19207)	
30	Wrench, Impact, Pneumatic	5130-01-334-7693	2906P1 (65853)	
31	Wrench, Torque, 50-250- lb-ft	5120-01-042-0982	B107.14M (05047)	SC 4910-95-CL-A74
32	Wrench, Torque, 0-175 lb-ft	5120-00-640-6364	1753LDF (08194)	SC 4910-95-CL-A74
33	Wrench, Torque, 0-200 lb-in	5120-00-853-4538	B10714M	SC 4910-95-CL-A72
34	Wrench, Torque, 0-600 lb-ft	5120-00-221-7983	SW130-301 (10001)	SC 4910-95-CL-A72
35	Wrench, Torque, 0-75 lb-in	5120-01-112-9532	TQS6A (55719)	SC 4910-95-CL-A72

END OF WORK PACKAGE

MANDATORY REPLACEMENT PARTS**0168 00****SCOPE**

This work package includes a list of all mandatory replacement parts referenced in the task initial setups and procedures. These are items that must be replaced during maintenance whether they have failed or not. This includes items based on usage intervals such as miles, time, rounds, fired, etc.

Table 1. Mandatory Replacement Parts List

Item No.	Part Number/ (CAGEC)	National Stock Number (NSN)	Nomenclature	Qty
1	12486359-506		Bolt and Self-Locking Nut	As Indicated in Task
2	071-124-00 (7M245)	5330-01-528-3271	Gasket, Hub Cap	As Indicated in Task
3	481-00-200		Kit, Pressure Protection Valve	As Indicated in Task
4	93600072 (19207)	5310-00-584-5272	Washer, Lock	As Indicated in Task
5	93600077 (19207)	5310-00-584-7888	Washer, Lock	As Indicated in Task
6	005-079-00		Washer, Lock	As Indicated in Task
7	005-100-00 (7M245)	5310-01-528-2962	Washer, Lock	As Indicated in Task
8	12414570-009 (19207)	5310-01-439-6781	Washer, Lock	As Indicated in Task
9	12414570-013 (19207)	5310-01-374-4515	Washer, Lock	As Indicated in Task
10	D70336/3-52 (81349)	5310-01-439-2543	Washer, Lock	As Indicated in Task
11	MS35333-36 (96906)	5310-00-193-7577	Washer, Lock	As Indicated in Task
12	MS35333-40 (96906)	5310-00-550-1130	Washer, Lock	As Indicated in Task
13	MS35333-41 (96906)	5310-00-167-0721	Washer, Lock	As Indicated in Task

MANDATORY REPLACEMENT PARTS - Continued**0168 00****Table 1. Mandatory Replacement Parts List (Cont)**

Ite m No.	Part Number/ (CAGEC)	National Stock Number (NSN)	Nomenclature	Qty
14	MS35335-58 (96906)	5310-00-209-1366	Washer, Lock	As Indicated in Task
15	MS35335-60 (96906)	5310-00-209-1239	Washer, Lock	As Indicated in Task
16	MS35338-42 (96906)	5310-00-045-3299	Washer, Lock	As Indicated in Task
17	MS35338-46 (96906)	5310-01-637-9541	Washer, Lock	As Indicated in Task
18	MS35338-50 (96906)	5310-00-820-6653	Washer, Lock	As Indicated in Task
19	MS35338-60 (96906)	5310-00-274-8702	Washer, Lock	As Indicated in Task
20	MS35338-138 (80205)	5310-00-933-8120	Washer, Lock	As Indicated in Task
21	MS35338-141 (96906)	5310-00-984-7042	Washer, Lock	As Indicated in Task
22	MS35338-160 (96906)	5310-00-926-5877	Washer, Lock	As Indicated in Task
23	MS35338-162 (96906)	5310-00-926-5880	Washer, Lock	As Indicated in Task
24	93400492 (19207)	5310-01-061-1310	Nut, Self-Locking	As Indicated in Task
25	93400506 (19207)	5310-01-309-6495	Nut, Self-Locking	As Indicated in Task
26	12412476-04 (19207)	5310-01-466-0565	Nut, Self-Locking	As Indicated in Task
27	12412476-06 (19207)	5310-01-407-7177	Nut, Self-Locking	As Indicated in Task

MANDATORY REPLACEMENT PARTS - Continued**0168 00****Table 1. Mandatory Replacement Parts List (Cont)**

Item No.	Part Number/ (CAGEC)	National Stock Number (NSN)	Nomenclature	Qty
28	12412476-08 (19207)	5310-01-473-7114	Nut, Self-Locking	As Indicated in Task
29	12412476-09 (19207)	5310-01-445-6346	Nut, Self-Locking	As Indicated in Task
30	12412476-11 (19207)	5310-01-407-7178	Nut, Self-Locking	As Indicated in Task
31	12412476-13 (OFW39)	5310-01-407-7181	Nut, Self-Locking	As Indicated in Task
32	12412476-14		Nut, Self-Locking	As Indicated in Task
33	12486359-502		Nut, Self-Locking	As Indicated in Task
34	M45913/1-4CG5C (81349)	5310-00-088-1251	Nut, Self-Locking	As Indicated in Task
35	MS17830-4C (96906)	5310-01-389-6996	Nut, Self-Locking	As Indicated in Task
36	MS17830-010C (96906)	531000-436-3290	Nut, Self-Locking	As Indicated in Task
37	N220N03CAPNN 56303NCH1		Nut, Self-Locking	As Indicated in Task
38	N220N03FAPNN 56306BCH1		Nut, Self-Locking	As Indicated in Task
39	N220N04CAPNN 56303NCH1		Nut, Self-Locking	As Indicated in Task
40	MS28775-205 (81343)	5331-01-188-9652	O-Ring	As Indicated in Task

MANDATORY REPLACEMENT PARTS - Continued**0168 00****Table 1. Mandatory Replacement Parts List (Cont)**

Item No.	Part Number/ (CAGEC)	National Stock Number (NSN)	Nomenclature	Qty
41	137214 (24617)	5315-00-013-7214	Pin, Cotter	As Indicated in Task
42	12443617-041		Pin, Cotter	As Indicated in Task
43	CVAN65-701-1899324 Piece 174 (53711)		Pin, Cotter	As Indicated in Task
44	MS24665-302 (80205)	5315-00-234-1864	Pin, Cotter	As Indicated in Task
45	MS24665-513 (96906)	5315-00-239-8032	Pin, Cotter	As Indicated in Task
46	MS24665-625 (80205)	5315-00-209-7273	Pin, Cotter	As Indicated in Task
47	MS24665-733 (80205)	5315-01-390-5849	Pin, Cotter	As Indicated in Task
48	XB-121 (74410)	5315-01-383-0048	Pin, Cotter	As Indicated in Task
49	12443617-027		Pin, Cotter	As Indicated in Task
50	M24243/1-F604 (81349)		Rivet, Blind	As Indicated in Task
51	010-052-00 (15460)	5330-01-487-4641	Seal, Grease	As Indicated in Task
52	010-055-00 (7M245)		Seal, Unitized	As Indicated in Task
53	12486559		Strip, Weather	As Indicated in Task

END OF WORK PACKAGE

TM 9-2330-334-13&P

TORQUE LIMITS

0169 00

GENERAL TORQUE SPECIFICATIONS															
THIS CHART PROVIDES TIGHTENING TORQUES FOR GENERAL PURPOSE APPLICATIONS WHEN SPECIAL TORQUES ARE NOT SPECIFIED ON PROCESS OR DRAWING.															
ASSEMBLY TORQUES APPLY TO PLATED NUTS AND CAPSCREWS ASSEMBLED WITHOUT SUPPLEMENTAL LUBRICATION (AS RECEIVED CONDITION). THEY DO NOT APPLY IF SPECIAL GRAPHITE MOLY-DISULFIDE OR OTHER EXTREME PRESSURE LUBRICANTS ARE USED.															
WHEN FASTENERS ARE DRY (SOLVENT CLEANED), ADD 33% TO AS RECEIVED CONDITION TORQUE.															
BOLT HEAD IDENTIFICATION MARKS INDICATE GRADE AND MAY VARY FROM MANUFACTURER TO MANUFACTURER.															
THICK NUTS MUST BE USED ON GRADE 8 CAPSCREWS.															
USE VALUE IN [] IF USING PREVAILING TORQUE NUTS.															
TORQUE IS SPECIFIED IN FOOT POUNDS															
UNC Size		SAE Grade 2		SAE Grade 5		SAE Grade 8		UNF Size		SAE Grade 2		SAE Grade 5		SAE Grade 8	
1/4-20	4	[5]	6	[7]	9	[11]	1/4-28	5	[6]	7	[9]	10	[12]		
5/16-18	8	[10]	13	[16]	18	[22]	5/16-24	9	[11]	14	[17]	20	[25]		
3/8-16	15	[19]	23	[29]	35	[43]	3/8-24	17	[21]	25	[31]	35	[44]		
7/16-14	24	[30]	35	[43]	55	[62]	7/16-20	27	[34]	40	[50]	60	[75]		
1/2-13	35	[43]	55	[62]	80	[100]	1/2-20	40	[50]	65	[81]	90	[112]		
9/16-12	55	[62]	80	[100]	110	[137]	9/16-18	60	[75]	90	[112]	130	[162]		
5/8-11	75	[94]	110	[137]	170	[212]	5/8-18	85	[106]	130	[162]	180	[225]		
3/4-10	130	[162]	200	[250]	280	[350]	3/4-16	150	[188]	220	[275]	320	[400]		
7/8-9	125	[156]	320	[400]	460	[575]	7/8-14	140	[175]	360	[450]	500	[625]		
1-8	190	[237]	408	[506]	680	[850]	1-14	210	[263]	540	[675]	760	[950]		
1-1/8-7	270	[337]	600	[750]	960	[1200]	1-1/8-12	300	[375]	660	[825]	1080	[1350]		
1-1/4-7	380	[475]	840	[1050]	1426	[1782]	1-1/4-12	420	[525]	920	[1150]	1500	[1875]		
1-3/8-6	490	[612]	110	[1375]	1780	[2225]	1-3/8-12	560	[700]	1260	[1575]	2010	[2512]		
1-1/2-6	650	[812]	1460	[1825]	2360	[2950]	1-1/2-12	730	[912]	1640	[2050]	2660	[3325]		
METRIC															
COARSE THREAD METRIC CLASS 10.9 FASTENERS AND CLASS 10.0 NUTS AND THROUGH HARDENED FLAT WASHERS, PHOSPHATE COATED, ROCKWELL "C" 38-45.															
USE VALUE IN [] IF USING PREVAILING TORQUE NUTS.															
Nominal Thread Diameter mm		Standard Torque				Nominal Thread Diameter mm		Standard Torque							
		Newton-Meters		Foot-Pounds				Newton-Meters		Foot-Pounds					
6		10	[14]	7	[10]	20		385	[450]	290	[335]				
7		16	[22]	12	[16]	24		670	[775]	500	[625]				
8		23	[32]	17	[24]	27		980	[1105]	730	[825]				
10		46	[60]	34	[47]	30		1330	[1470]	990	[1090]				
12		80	[101]	60	[75]	33		1790	[1950]	1340	[1450]				
14		125	[155]	90	[115]	36		2325	[2515]	1730	[1870]				
16		200	[240]	150	[180]	39		3010	[3210]	2240	[2380]				
18		275	[330]	205	[245]										

0169 00-1/2-Blank

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Right Stoplight Does Not Illuminate	0022 00
Left Taillight Does Not Illuminate	0023 00
Left Stoplight Does Not Illuminate	0024 00
Right Blackout Taillight Does Not Illuminate	0025 00
Right Blackout Stoplight Does Not Illuminate	0026 00
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RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS <small>For use of this form, see AR 25-30; the proponent agency is OAASA</small>						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).		DATE Date you filled out this form	
TO: (Forward to proponent of publication or form) (Include ZIP Code)						FROM: (Activity and location) (Include ZIP Code) Enter your mailing address			
PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS									
PUBLICATION/FORM NUMBER						DATE Publication Date		TITLE Publication Title	
ITEM	PAGE	PARA-GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON			
10	15-33 19-6	15-7 19-2		4		<p>Item 10. Change Illustration. Reason: Text calls out 90-degree fitting. Art shows straight fitting. Text is correct.</p> <p>Step (4) of removal says to disconnect four hydraulic hoses from manifold. The correct number of hydraulic hoses is five. correct the text to reflect the actual quantity of hydraulic hoses. The supporting illustration is correct.</p>			
<i>* Reference to line numbers within the paragraph or subparagraph.</i>									
TYPED NAME, GRADE OR TITLE Your title					TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION Your telephone number			SIGNATURE Your signature	

TO: <i>(Forward direct to addressee listed in publication)</i>				FROM: <i>(Activity and location) (Include ZIP Code)</i>				DATE	
				Enter your mailing address				Date you filled out this form.	
PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS									
PUBLICATION NUMBER				DATE			TITLE		
				Publication Date			Your Title		
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION	
PART III - REMARKS <i>(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)</i>									
TYPED NAME, GRADE OR TITLE				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION			SIGNATURE		
Your title				Your telephone number			Your signature		

TO: <i>(Forward direct to addressee listed in publication)</i>				FROM: <i>(Activity and location) (Include ZIP Code)</i>				DATE	
PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS									
PUBLICATION NUMBER				DATE		TITLE			
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION	
PART III - REMARKS <i>(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)</i>									
TYPED NAME, GRADE OR TITLE				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION			SIGNATURE		

By Order of the Secretary of the Army:

Official:

A handwritten signature in black ink, appearing to read "Joyce E. Morrow".

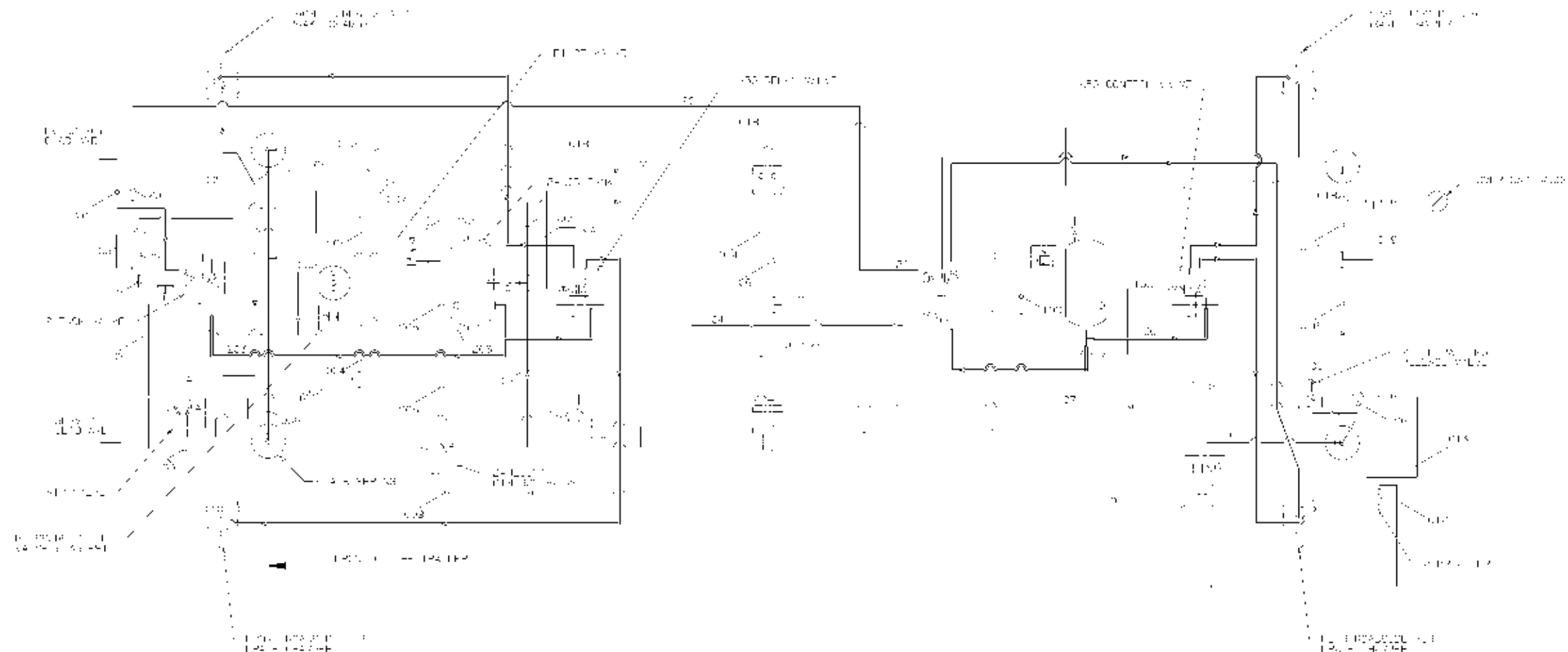
JOYCE E. MORROW
*Administrative Assistant to the
Secretary of the Army*
0630607

PETER J. SCHOOMAKER
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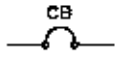
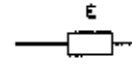
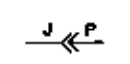
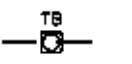



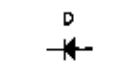
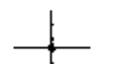

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1	4/07/05	Initial Design	[Signature]	4/07/05
2	4/07/05	Revised Design	[Signature]	4/07/05
3	4/07/05	Final Design	[Signature]	4/07/05
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REVISIONS		DATE	APPROVED
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2	PRODUCT BASELINE		
EOP: 605-11248			

				
CIRCUIT BREAKER	SPLICE	CONNECTOR	TERMINAL BLOCK	LAMP
				
LED	BLACKOUT MARKER	DIODE	CONNECTION	GROUND

EQUIPMENT LIST REF			
REFERENCE DESIGNATION	DESCRIPTION	SHEET NUMBER	LOCATION
CB1	CIRCUIT BREAKER (ABS POWER)	2	B6
CB2	CIRCUIT BREAKER (B.O. STOP)	2	D6
CB3	CIRCUIT BREAKER (REAR MARKERS)	2	C8
CB4	CIRCUIT BREAKER (RIGHT TURN/STOP)	2	C5
CB5	CIRCUIT BREAKER (B.O. LEFT TURN)	2	D5
CB6	CIRCUIT BREAKER (B.O. RIGHT TURN)	2	D5
CB7	CIRCUIT BREAKER (MARKER)	2	C6
CB8	CIRCUIT BREAKER (LEFT TURN/STOP)	2	B6
E125	SPLICE	2	D5
E126	SPLICE	2	C5
E127	SPLICE	2	C2
E128	SPLICE	2	C3
E129	SPLICE	2	C3
E130	SPLICE	2	E3
E131	SPLICE	2	E3
E132	SPLICE	2	B2
E133	SPLICE	2	C3

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