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CENTER BLAST DEFLECTOR REPLACEMENT	0027 00
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THIS WORK PACKAGE COVERS

Removal, Cleaning and Inspection, Installation

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INITIAL SETUP

Maintenance Level

Unit

Tools and Special Tools

Tool Kit, General Mechanic’s (Item 10, WP 0032 00)

Shop Equipment, Common No. 1 (Item 8, WP 0032 00)

Lifting Device (500-lb capacity)

Materials/Parts

Rag, Wiping (Item 7, WP 0033 00)

Locknut (16)

References

WP 0011 00

TM 9-2320-364-20

Personnel Required

Two

Equipment Conditions

Vehicle parked on level ground (TM 9-2320-364-10)

Parking/Emergency Brake applied (TM 9-2320-364-10)

Engine off (TM 9-2320-364-10)

If equipped, Battery Disconnect Switch in OFF position (TM 9-2320-364-10)

Air Tanks drained (TM 9-2320-364-10)

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**CENTER BLAST DEFLECTOR REPLACEMENT - CONTINUED****0027 00****REMOVAL**

1. Remove two glad hands (11), nuts (9), and hoses (8) from bracket under center blast deflector (17).
2. Remove two nuts (14), washers (13), bolts (12), and electrical connector (10) from bracket under center blast deflector (17).
3. Remove nut (4), washer (5), and bolt (1) from pitman arm (2).

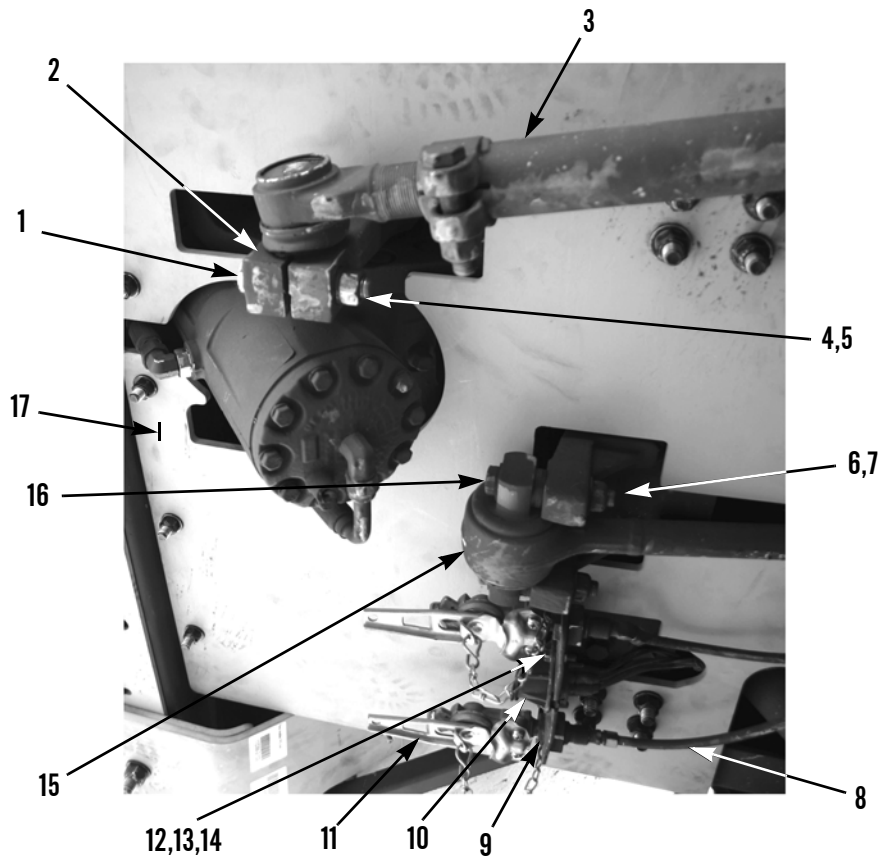
**WARNING**

Do not move vehicle while the steering link is disconnected. Failure to follow this warning may result in personnel injury or death.

**CAUTION**

Do not move vehicle while the steering link or torque rod is disconnected. If vehicle is moved, components may become misaligned.

4. Disconnect steering link rod (3) from pitman arm (2).
5. Remove two nuts (6), washers (7), and bolts (16) from torque rod (15). Swing torque rod down and away from center blast deflector (17).



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**CENTER BLAST DEFLECTOR REPLACEMENT - CONTINUED****0027 00****REMOVAL - CONTINUED****WARNING**

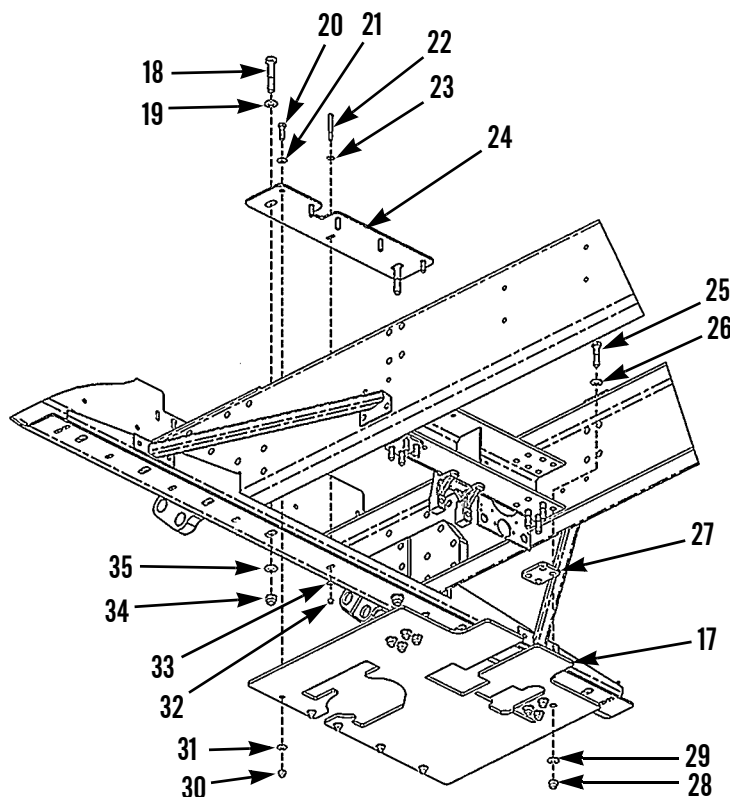
Use extreme caution when handling heavy parts. Provide adequate support and use assistance during procedure. Ensure that any lifting device used is in good condition and of suitable load capacity. Keep clear of heavy parts supported only by lifting device. Failure to follow this warning may cause injury or death to personnel.

6. Attach and secure lifting device under center blast deflector (17).
7. Remove eight locknuts (28), washers (29), bolts (25), and washers (26) from center blast deflector (17). Discard locknuts.

**NOTE**

Center blast deflector weighs 83 lb (37.6 kg).

8. Remove five locknuts (30), washers (31), bolts (20), and washers (21) from center blast deflector (17). Discard locknuts.
9. Using lifting device, remove center blast deflector (17) and two spacers (27) from under vehicle.
10. Remove two locknuts (34), washers (35), bolts (18), and washers (19) from crossmember. Discard locknuts.
11. Remove locknut (32), washer (33), bolt (22), washer (23), and mounting plate (24) from crossmember. Discard locknut.



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**CENTER BLAST DEFLECTOR REPLACEMENT - CONTINUED**

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**0027 00****CLEANING AND INSPECTION**

Clean and inspect all parts IAW *General Maintenance Instructions* (WP 0011 00).

**INSTALLATION****WARNING**

Do not move vehicle while the steering link is disconnected. Failure to follow this warning may result in personnel injury or death.

**CAUTION**

Do not move vehicle while the steering link or torque rod is disconnected. If vehicle is moved, components may become misaligned.

1. Install mounting plate (24), two washers (19), bolts (18), washers (35), and new locknuts (34) on crossmember.
2. Install washer (23), bolt (22), washer (33), and new locknut (32) on crossmember.

**WARNING**

Use extreme caution when handling heavy parts. Provide adequate support and use assistance during procedure. Ensure that any lifting device used is in good condition and of suitable load capacity. Keep clear of heavy parts supported only by lifting device. Failure to follow this warning may cause injury or death to personnel.

**NOTE**

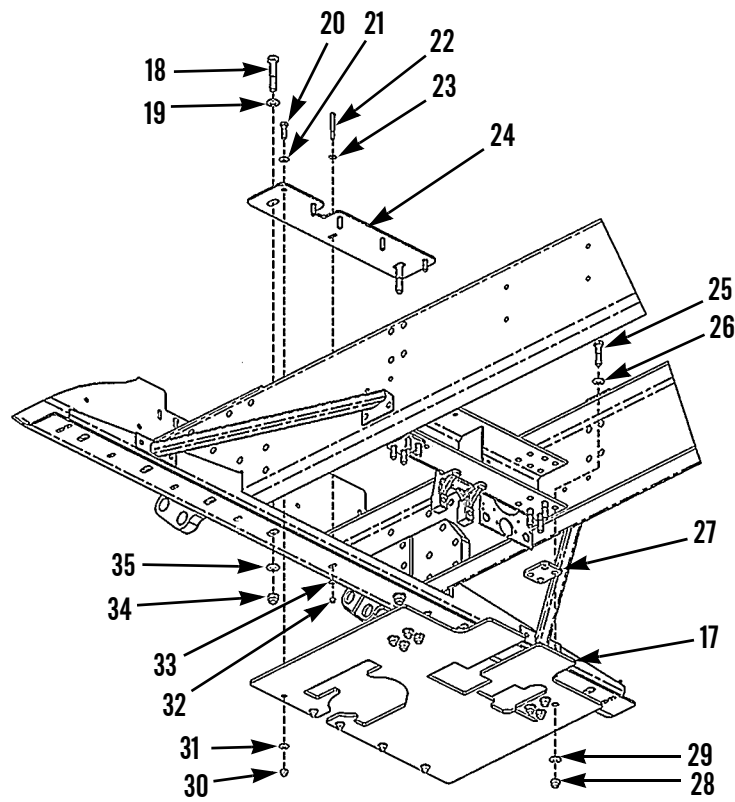
Center blast deflector weighs 83 lb (37.6 kg).

3. Attach and secure lifting device under center blast deflector (17).
4. Use lifting device to install center blast deflector (17).
5. Position spacer (27) between center blast deflector (17) and vehicle.
6. Install eight washers (26), bolts (25), washers (29), and new locknuts (28) on center blast deflector (17).
7. Install five washers (21), bolts (20), washers (31), and new locknuts (30) on center blast deflector (17).

## CENTER BLAST DEFLECTOR REPLACEMENT - CONTINUED

0027 00

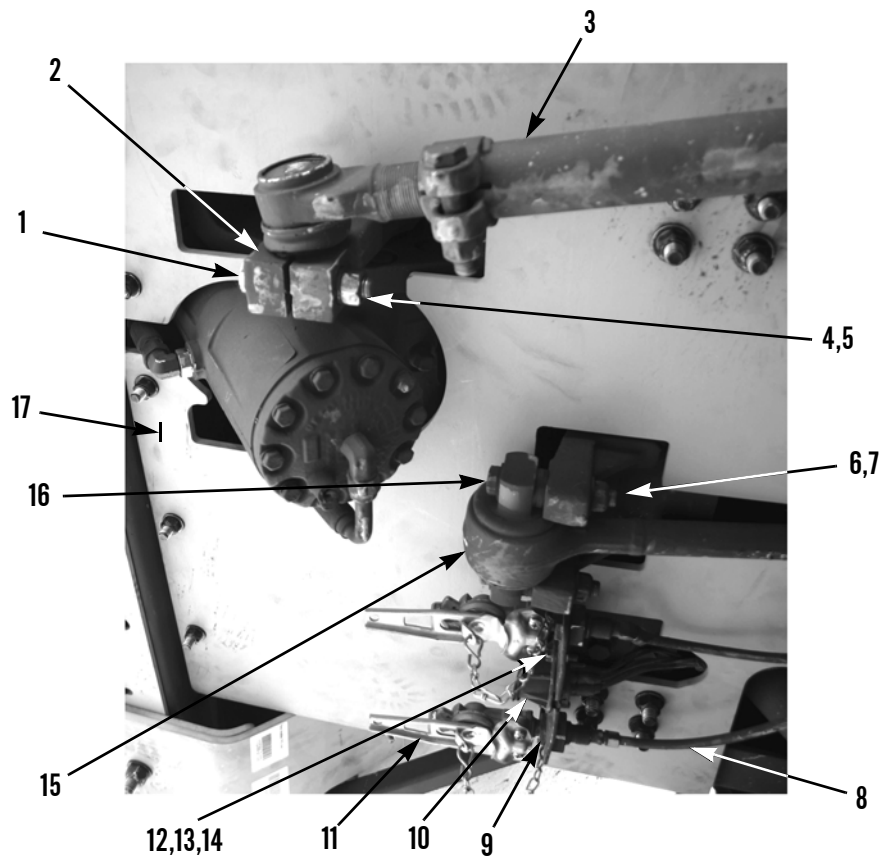
## INSTALLATION - CONTINUED



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**CENTER BLAST DEFLECTOR REPLACEMENT - CONTINUED****0027 00****INSTALLATION - CONTINUED**

8. Swing torque rod up into position under center blast deflector (17).
9. Install two bolts (16), washers (7), and nuts (6) on torque rod (15).
10. Connect steering link rod (3) to pitman arm (2).
11. Install bolt (1), washer (5), and nut (4) on pitman arm (2).
12. Install electrical connector (10), two bolts (12), washers (13), and nuts (14) on bracket under center blast deflector (17).
13. Install two hoses (8), nuts (9), and glad hands (11) on bracket under center blast deflector (17).



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**END OF WORK PACKAGE**