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UPPER BRUSH GUARD REPLACEMENT0018 00

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THIS WORK PACKAGE COVERS

Removal, Cleaning and Inspection, Installation

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INITIAL SETUP

Maintenance Level

Unit

References

WP 0011 00

Tools and Special Tools

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

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

Sling (Item 9, WP 0032 00)

Lifting Device (500-lb capacity)

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)

Lower Brush Guard removed (WP 0019 00)

Materials/Parts

Adhesive, Thread (Item 1, WP 0033 00)

Rag, Wiping (Item 7, WP 0033 00)

Locknut (6)

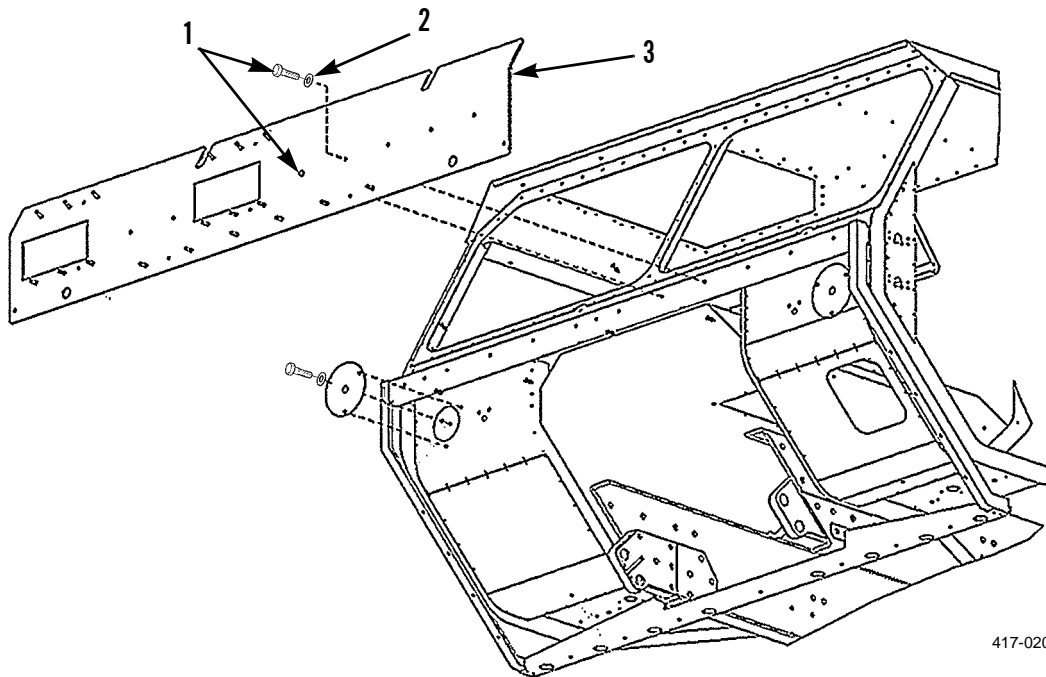
**UPPER BRUSH GUARD REPLACEMENT - CONTINUED****0018 00****REMOVAL****WARNING**

Use 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**

Upper brush guard weighs 147 lb (67 kg).

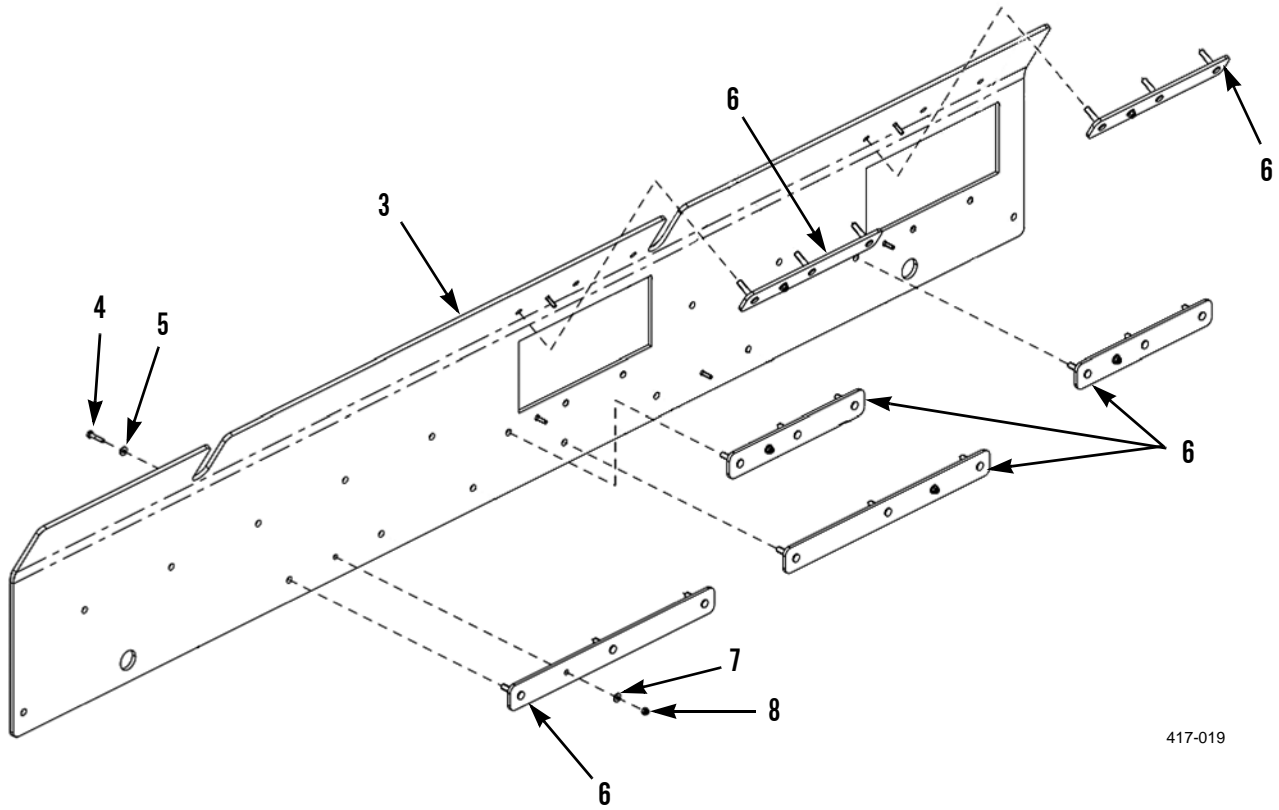
1. Attach sling and lifting device to upper brush guard (3).
2. Remove two bolts (1) and washers (2) from locations shown in upper brush guard (3).
3. Remove upper brush guard (3) from front of vehicle.



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**UPPER BRUSH GUARD REPLACEMENT - CONTINUED****0018 00****REMOVAL - CONTINUED**

4. Support upper brush guard (3) as needed to allow removal of stud plates (6).
5. Remove six locknuts (8), washers (7), bolts (4), washers (5), and six stud plates (6) from upper brush guard (3). Discard locknuts.
6. Remove sling and lifting device from upper brush guard (3).



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**CLEANING AND INSPECTION**

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

## UPPER BRUSH GUARD REPLACEMENT - CONTINUED

0018 00

## INSTALLATION



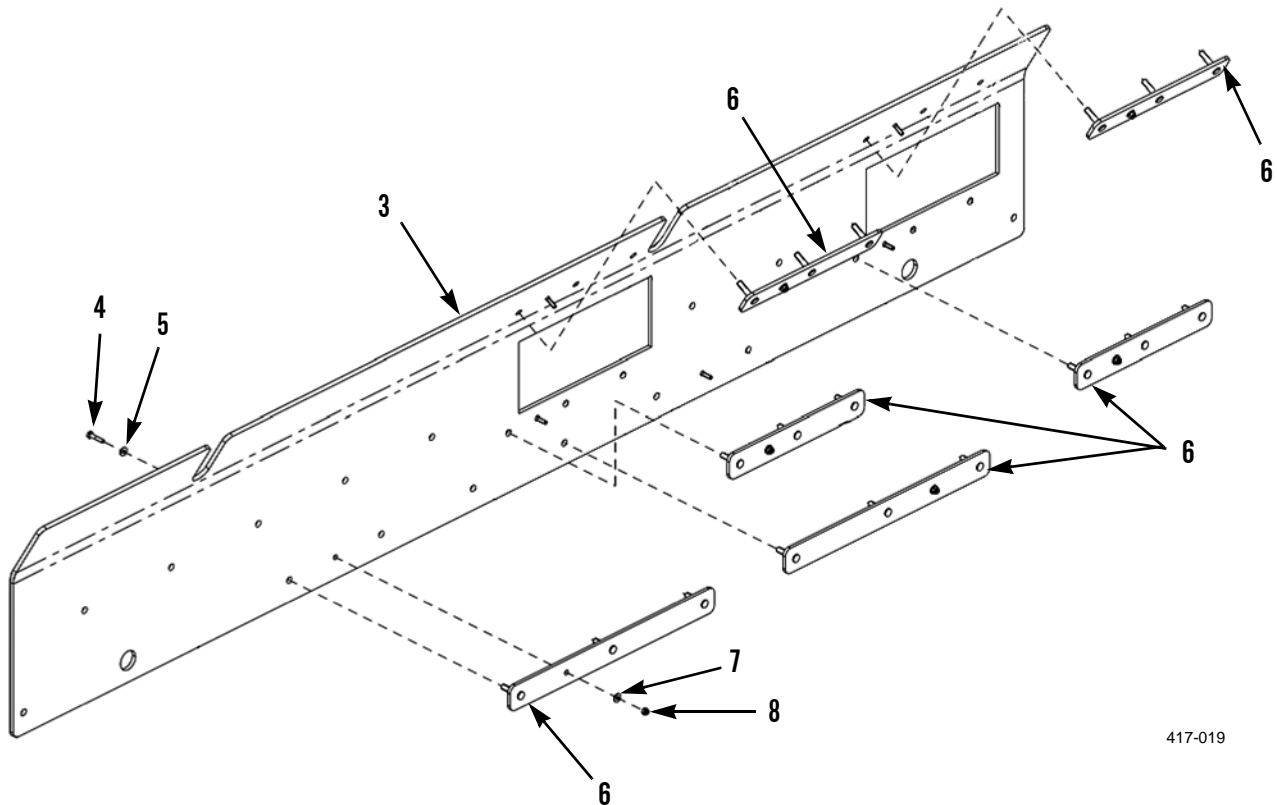
## WARNING

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

Upper brush guard weighs 147 lb (67 kg).

1. Attach sling and lifting device to upper brush guard (3). Support upper brush guard as needed to allow installation of stud plates (6).
2. Install six stud plates (6) to upper brush guard (3) with six washers (5), bolts (4), washers (7), and new locknuts (8).



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**UPPER BRUSH GUARD REPLACEMENT - CONTINUED****0018 00****INSTALLATION - CONTINUED**

3. Use lifting device and align upper brush guard (3) with front of vehicle.

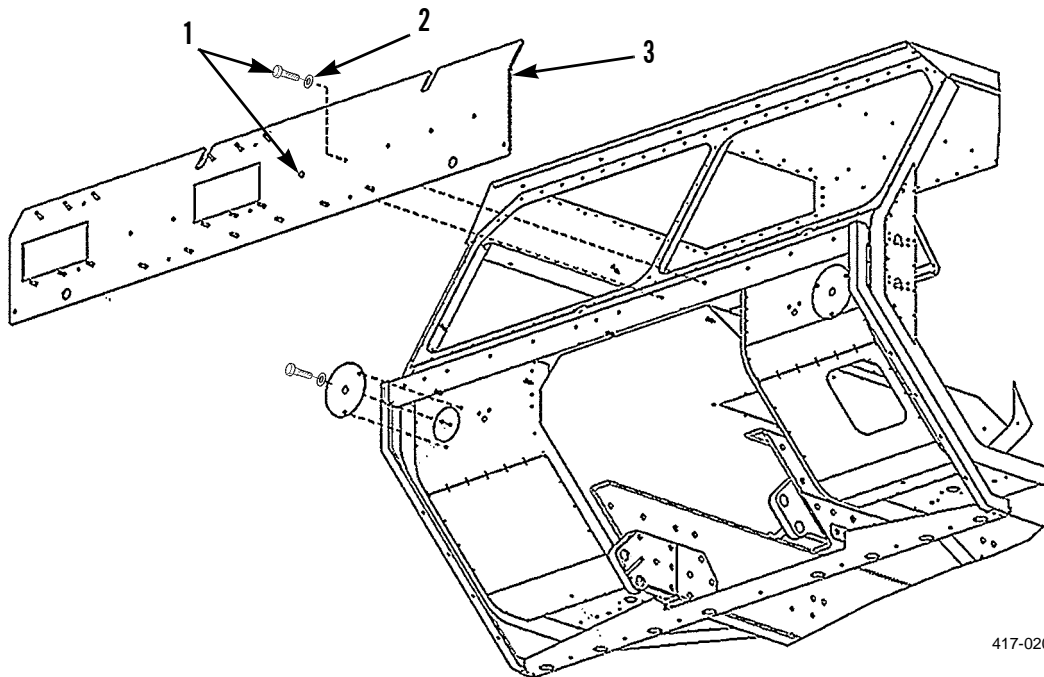
**WARNING**

Use caution when using adhesives and sealants. Prolonged inhalation of vapors can cause lung irritation. Contact with skin can cause dermatitis. Wear gloves and safety goggles and use product in a well-ventilated area away from open flame. If ingested, keep individual calm and seek medical attention. DO NOT induce vomiting. If contact with skin or eyes is made, flush thoroughly with water. Dispose of cleanup rags IAW local policy and ordinances. Failure to follow this warning may cause injury to personnel.

**NOTE**

Fully tighten bolts only after lower brush guard is installed.

4. Apply thread adhesive to two bolts (1). Install two washers (2) and bolts (1) to upper brush guard (3) in fourth and fifth bolt holes from driver's side. Hand tighten bolts.



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5. Remove lifting device and sling from upper brush guard (3).
6. Install lower brush guard (WP 0019 00).

**END OF WORK PACKAGE**

