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**HEADLIGHT AND COMPOSITE LIGHT REPLACEMENT**

**0020 00**

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**THIS WORK PACKAGE COVERS**

Removal: Configuration A, Configuration B; Cleaning and Inspection; Installation: Configuration A, Configuration B

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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)

**Equipment Conditions**

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

**Materials/Parts**

Tag, marker (Item 10, WP 0033 00)

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

Locknut (13) (left headlight assembly, Configuration A and B)

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

Locknut (17) (right headlight assembly, Configuration A and B)

Disconnect battery cables (TM 9-2320-364-20)

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**NOTE**

- Configuration A headlight assemblies have an LED unit inside the composite light, mounted inboard of the headlight.
- Configuration B headlight assemblies have an incandescent bulb inside the composite light, mounted inboard of the headlight.

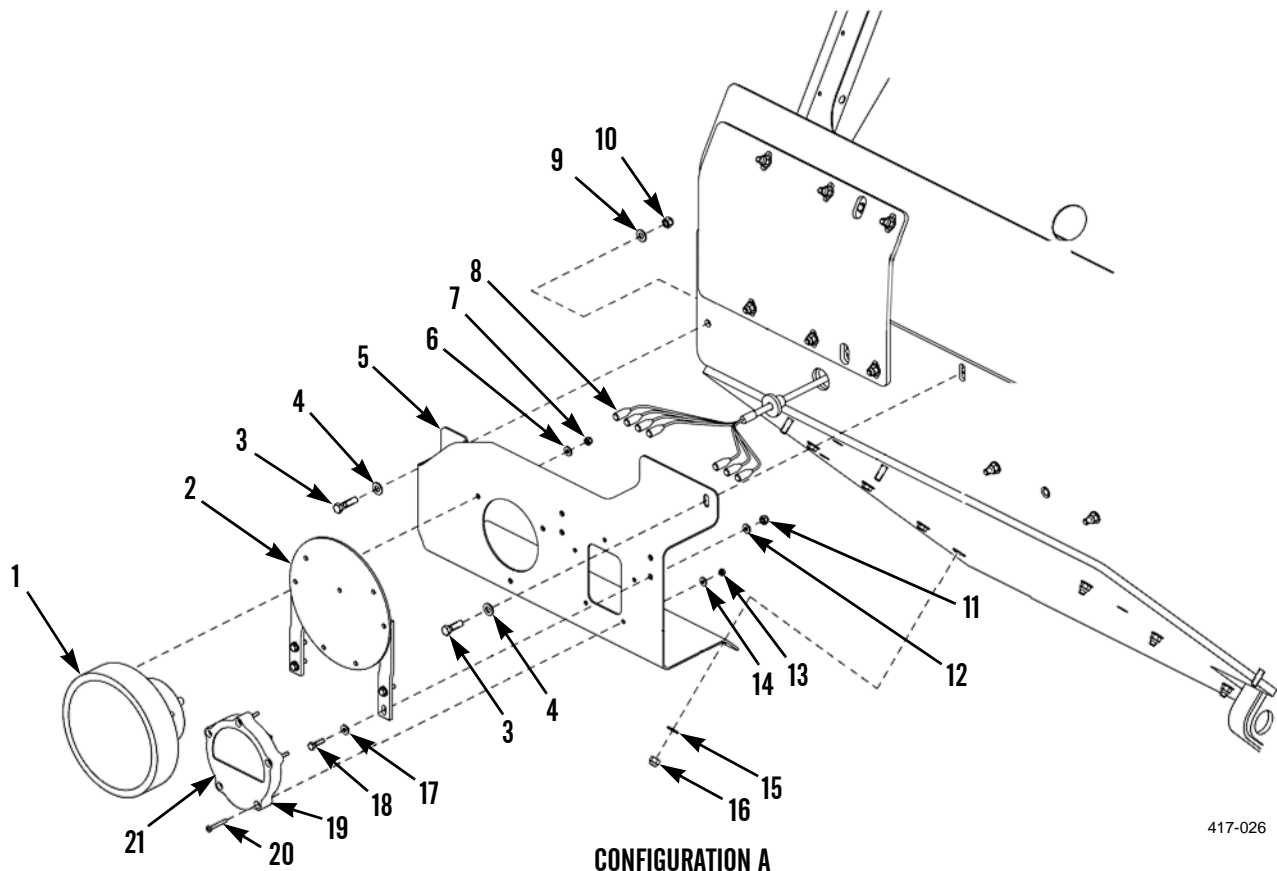
## HEADLIGHT AND COMPOSITE LIGHT REPLACEMENT - CONTINUED

0020 00

**REMOVAL (CONFIGURATION A)****NOTE**

- The following procedure covers both left and right headlight assemblies (Configuration A).
- Right headlight assembly (Configuration A) is illustrated.

1. Tag and disconnect jumper harness connectors (8) from headlight (1) and composite light (21).
2. Remove three locknuts (7), washers (6), and headlight (1) from headlight bracket (5). Discard locknuts.
3. Remove five locknuts (13), washers (14), bolts (20), washers (19), and composite light (21) from headlight bracket (5). Discard locknuts.
4. On right side only, remove four locknuts (11), washers (12), bolts (18), washers (17), and weight classification marker (2) from headlight bracket (5). Discard locknuts.
5. Remove two locknuts (10), washers (9), bolts (3), and washers (4) from top of headlight bracket (5). Discard locknuts.
6. Remove three locknuts (16) and washers (15) from bottom of headlight bracket (5). Discard locknuts.
7. Remove headlight bracket (5) from lower brush guard.



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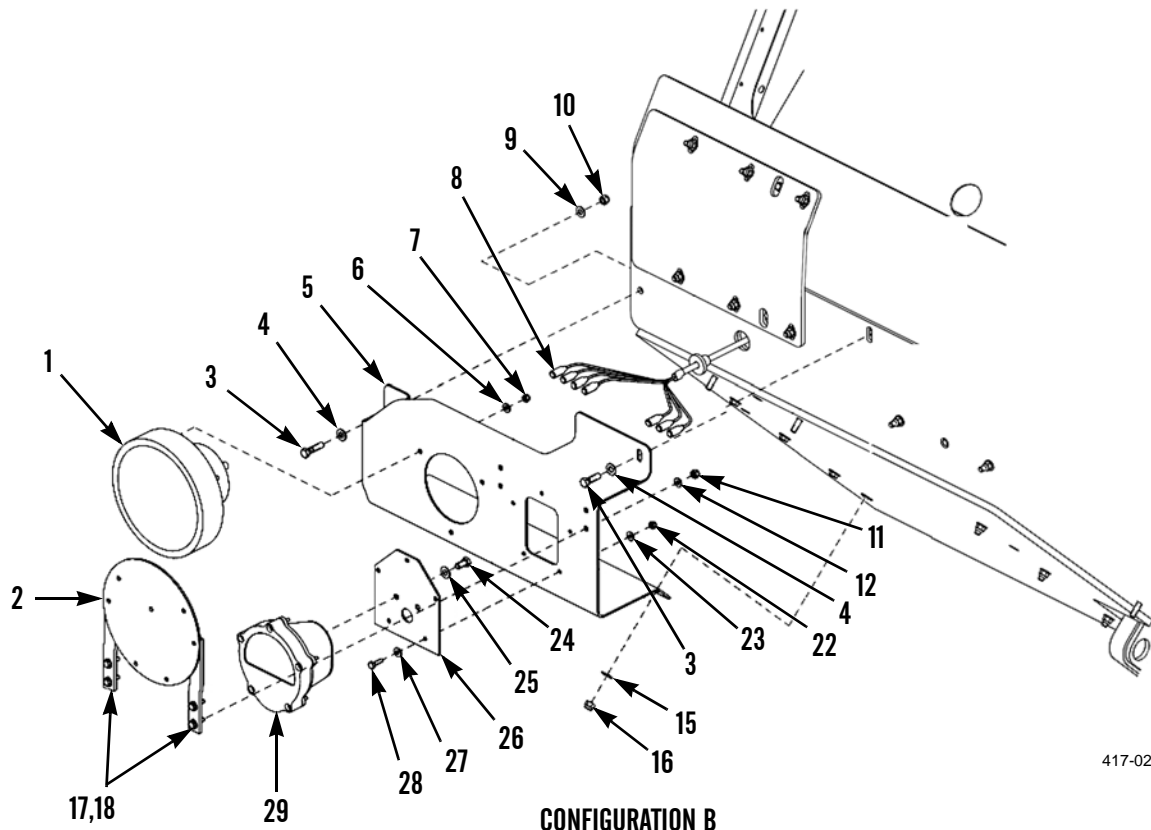
## HEADLIGHT AND COMPOSITE LIGHT REPLACEMENT - CONTINUED

0020 00

**REMOVAL (CONFIGURATION B)****NOTE**

- The following procedure covers both left and right headlight assemblies (Configuration B).
- Right headlight assembly (Configuration B) is illustrated.

1. Tag and disconnect jumper harness connectors (8) from headlight (1) and composite light (29).
2. Remove three locknuts (7), washers (6), and headlight (1) from headlight bracket (5). Discard locknuts.
3. Remove five locknuts (22), washers (23), bolts (28), washers (27), and headlight adapter (26) with composite light (29) from headlight bracket (5). Discard locknuts.
4. Remove two bolts (24), washers (25), and composite light (29) from headlight adapter (26).
5. On right side only, remove four locknuts (11), washers (12), bolts (18), washers (17), and weight classification marker (2) from headlight bracket (5). Discard locknuts.
6. Remove two locknuts (10), washers (9), bolts (3), and washers (4) from top of headlight bracket (5). Discard locknuts.
7. Remove three locknuts (16) and washers (15) from bottom of headlight bracket (5). Discard locknuts.
8. Remove headlight bracket (5) from lower brush guard.



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## HEADLIGHT AND COMPOSITE LIGHT REPLACEMENT - CONTINUED

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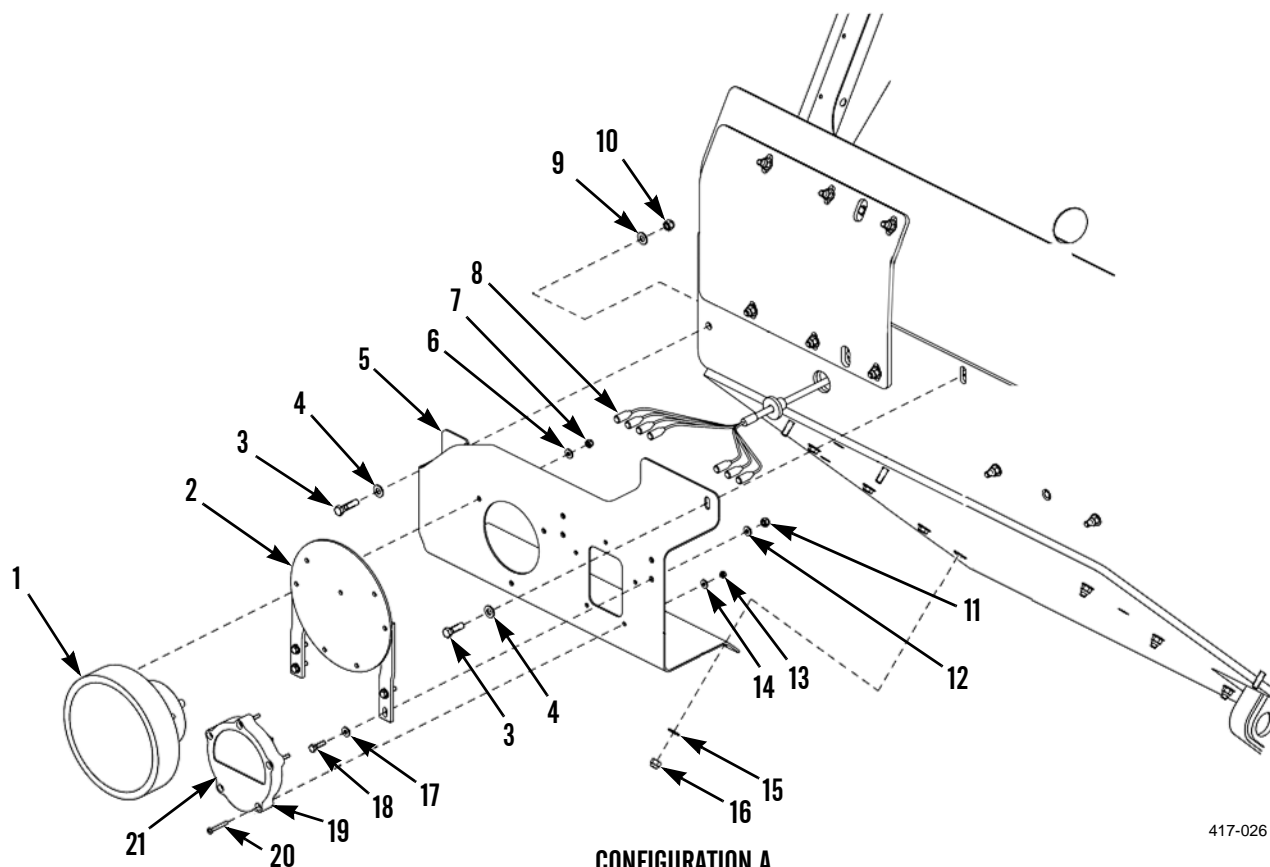
**CLEANING AND INSPECTION**

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

**INSTALLATION (CONFIGURATION A)****NOTE**

- The following procedure covers both left and right headlight assemblies (Configuration A).
- Right headlight assembly (Configuration A) is illustrated.

1. Position headlight bracket (5) over mounting holes on lower brush guard.
2. Install two washers (4), bolts (3), washers (9), and new locknuts (10) to top of headlight bracket (5).
3. Install three washers (15) and new locknuts (16) to bottom of headlight bracket (5).
4. On right side only, install weight classification marker (2) to headlight bracket (5) with four washers (17), bolts (18), washers (12), and new locknuts (11).
5. Install composite light (21) to headlight bracket (5) with five washers (19), bolts (20), washers (14), and new locknuts (13).
6. Install headlight (1) to headlight bracket (5) with three washers (6) and new locknuts (7).
7. Connect jumper harness connectors (8) to headlight (1) and composite light (21).



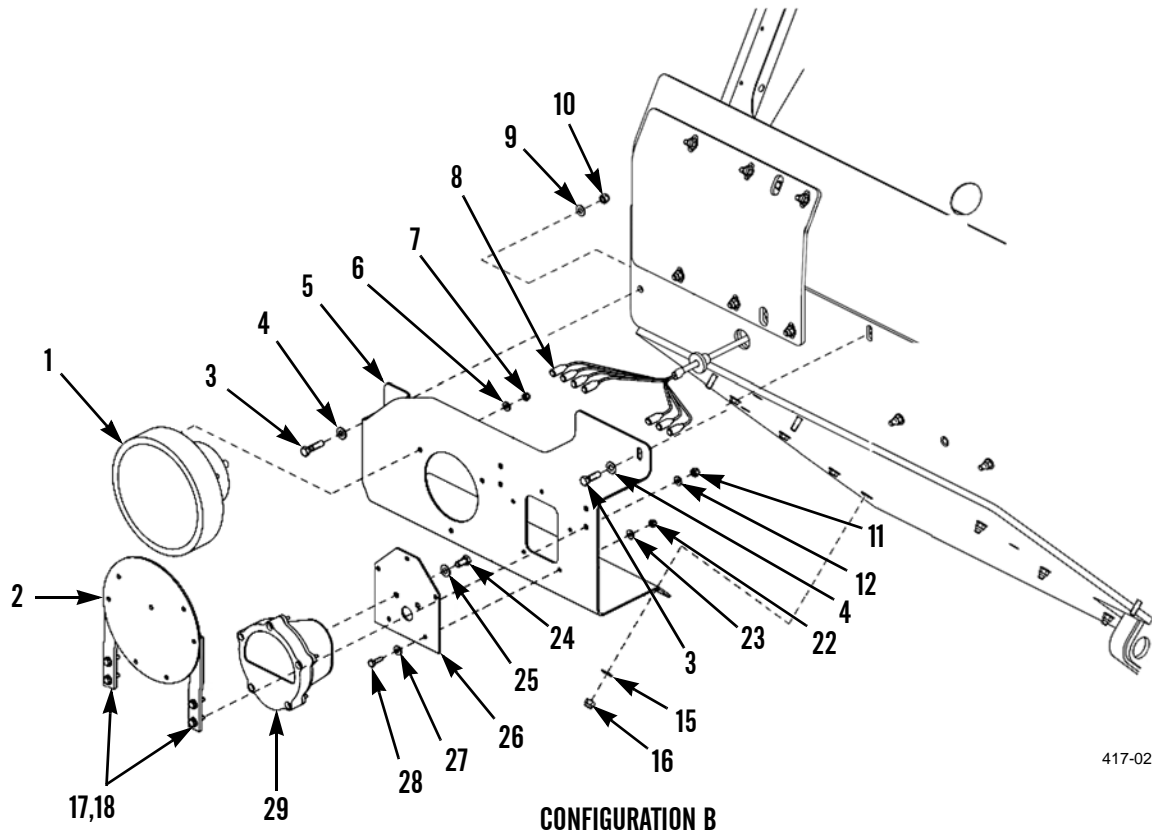
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8. If equipped, place battery disconnect switch in ON position (TM 9-2320-364-10).
9. Check operation of headlights and composite lights (TM 9-2320-364-10).

**HEADLIGHT AND COMPOSITE LIGHT REPLACEMENT - CONTINUED****0020 00****INSTALLATION (CONFIGURATION B)****NOTE**

- The following procedure covers both left and right headlight assemblies (Configuration B).
- Right headlight assembly (Configuration B) is illustrated.

1. Position headlight bracket (5) over mounting holes on lower brush guard.
2. Install two washers (4), bolts (3), washers (9), and new locknuts (10) to top of headlight bracket (5).
3. Install three washers (15) and new locknuts (16) to bottom of headlight bracket (5).
4. On right side only, install weight classification marker (2) to headlight bracket (5) with four washers (17), bolts (18), washers (12), and new locknuts (11).
5. Install composite light (29) to headlight adapter (26) with two washers (25) and bolts (24).
6. Install headlight adapter (26) with composite light (29) to headlight bracket (5) with five washers (27), bolts (28), washers (23), and new locknuts (22).
7. Install headlight (1) to headlight bracket (5) with three washers (6) and new locknuts (7).
8. Connect jumper harness connectors (8) to headlight (1) and composite light (29).



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9. Connect battery cables (TM 9-2320-364-20).
10. Check operation of headlights and composite lights (TM 9-2320-364-10).

**END OF WORK PACKAGE**

