
DOOR BALLISTIC GLASS AND FRAME ASSEMBLY REPLACEMENT

0014 00**THIS WORK PACKAGE COVERS**Removal, Cleaning and Inspection, Installation

INITIAL SETUP**Maintenance Level**

Unit

Personnel Required

Two

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

Rag, Wiping (Item 7, WP 0033 00)

Locknut (34)

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

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

References

WP 0011 00

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

If equipped, Door Applique removed (WP 0015 01)

NOTE

- The following procedure is for left door ballistic glass. Use same procedure for right door ballistic glass.
- If vehicle is equipped with an applique kit (WP 0002 00), the door applique must be removed before door ballistic glass can be removed (WP 0015 01).

DOOR BALLISTIC GLASS AND FRAME ASSEMBLY REPLACEMENT - CONTINUED

0014 00**REMOVAL**

1. Open door assembly and door ballistic glass (1).

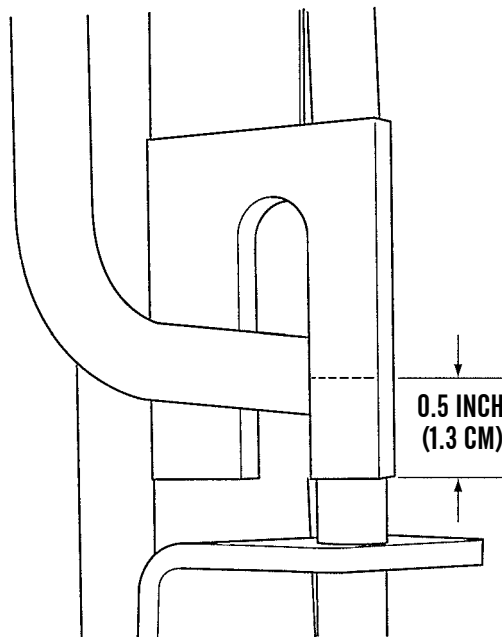
NOTE

Door ballistic glass handle will lower into channel after bolt is removed.

2. Remove locknut (9), washer (10), bolt (11), and washer (12). Discard locknut.

NOTE

It may be necessary to cut bracket (8) approximately 0.5 in. (1.3 cm) to allow handle to rotate.



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DOOR BALLISTIC GLASS AND FRAME ASSEMBLY REPLACEMENT - CONTINUED

0014 00

REMOVAL - CONTINUED

3. Pull handle (2) down and rotate toward hinge edge of door.
4. Remove bolt (3), spacer (4), locknut (5), and washer (6) from bottom channel (7). Discard locknut.

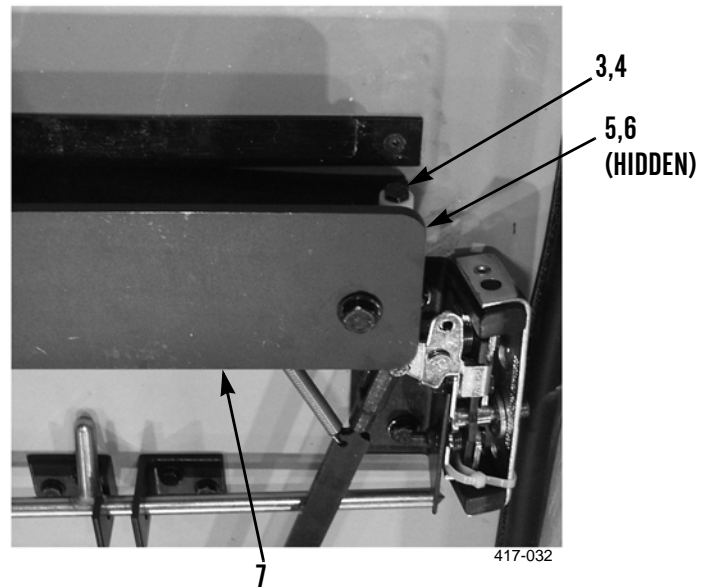
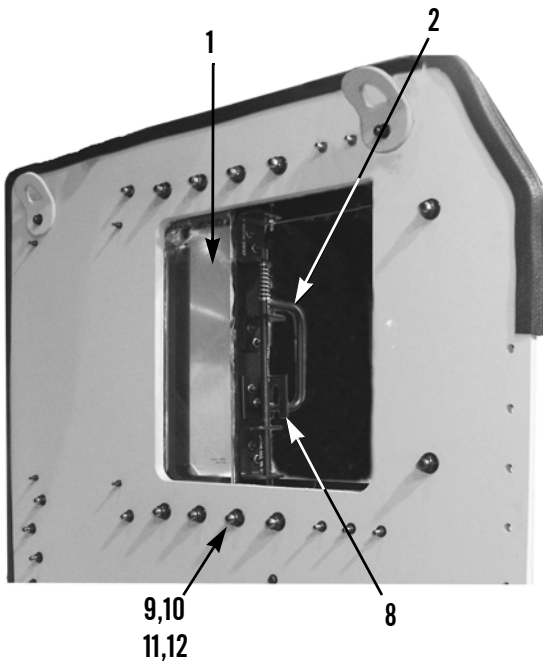
**WARNING**

Use caution when handling heavy parts. Provide adequate support and use assistance during procedure. Keep clear of heavy parts supported only by lifting device. Failure to follow this warning may cause injury or death to personnel.

NOTE

Door ballistic glass weighs 75 lb (34 kg).

5. With assistance, lift up on handle (2) and remove door ballistic glass (1) by sliding it out end of channel (7).



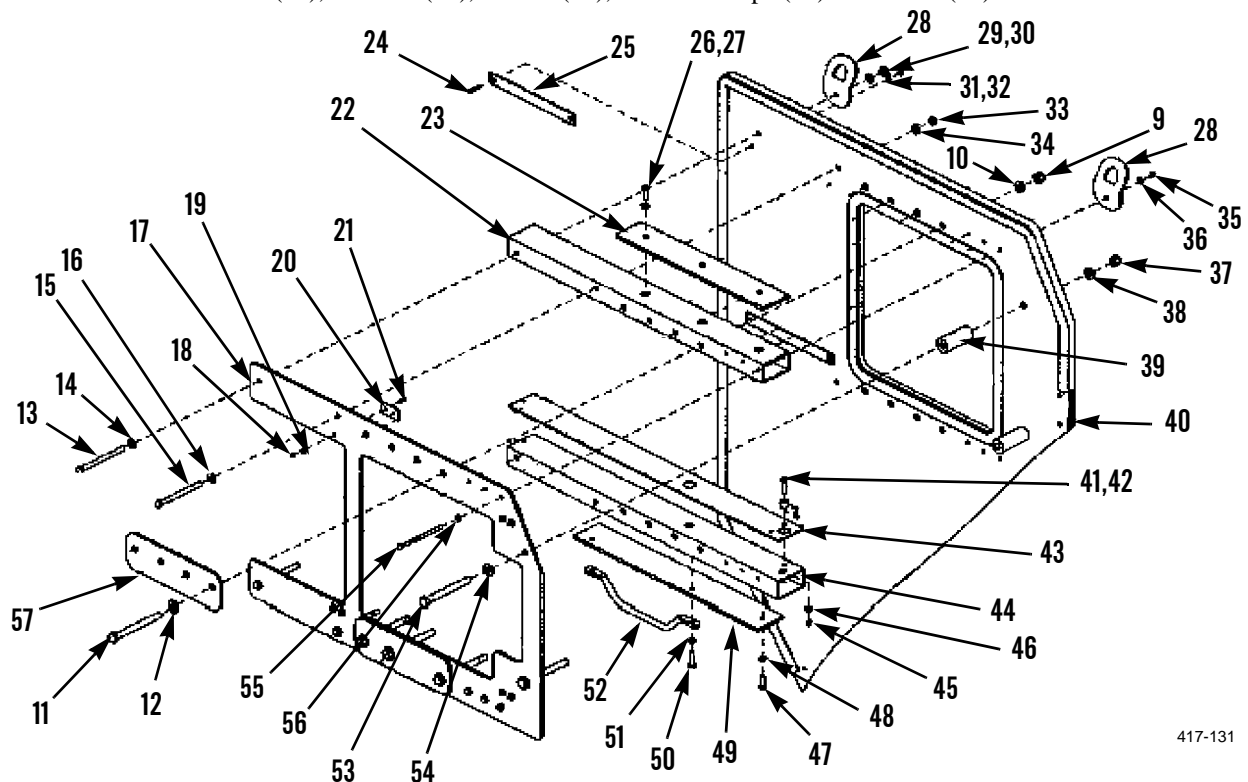
DOOR BALLISTIC GLASS AND FRAME ASSEMBLY REPLACEMENT - CONTINUED**0014 00****REMOVAL - CONTINUED**

6. Remove two locknuts (37), washers (38), capscrews (53), washers (54), and sleeves (39) from door (40). Discard locknuts.
7. Remove seven remaining locknuts (9), washers (10), bolts (11), washers (12), and two doublers (57) from retainer (17). Discard locknuts.
8. Remove six locknuts (35), washers (36), bolts (55), washers (56), and lift bracket (28) from door (40). Discard locknuts.
9. Remove locknut (29), washer (30), lift bracket (28), bolt (13), and washer (14) from retainer (17). Discard locknut.

**WARNING**

The following step will release the retainer and supports from the door. Use assistance to support components while removing the attaching hardware. Failure to follow this warning may cause injury to personnel.

10. With assistance, remove three locknuts (33), washers (34), bolts (15), washers (16), retainer (17), support (22), and support (44) from door (40). Discard locknuts.
11. Remove three bolts (26), washers (27), and doubler (23) from support (22).
12. Remove bolt (47) and washer (48) from support (44).
13. Remove two capscrews (50), washers (51), handle (52), and doubler (49) from support (44).
14. Remove eight locknuts (18), washers (19), screws (21), and four ramps (20) from retainer (17). Discard locknuts.
15. Remove locknut (45), washer (46), capscrew (41), spacer (42), and guide (43) from support (44). Discard locknut.
16. Remove four locknuts (31), washers (32), screws (24), and two ramps (25) from door (40). Discard locknuts.



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DOOR BALLISTIC GLASS AND FRAME ASSEMBLY REPLACEMENT - CONTINUED

0014 00**CLEANING AND INSPECTION**

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

INSTALLATION

1. Install two ramps (25), four screws (24), washers (32), and new locknuts (31) on door (40).
2. Install guide (43), spacer (42), capscrew (41), washer (46), and new locknut (45) on support (44).
3. Install four ramps (20), eight screws (21), washers (19), and new locknuts (18) on retainer (17).
4. Install doubler (49), handle (52), two washers (51), and capscrews (50) on support (44).
5. Install washer (48) and bolt (47) on support (44).
6. Install doubler (23), three washers (27), and bolts (26) on support (22).

**WARNING**

Use caution when handling heavy parts. Provide adequate support and use assistance during procedure. Keep clear of heavy parts supported only by lifting device. Failure to follow this warning may cause injury or death to personnel.

7. With assistance, install support (44), support (22), retainer (17), three washers (16), bolts (15), washers (34), and new locknuts (33) on door (40).
8. Install washer (14), bolt (13), lift bracket (28), washer (30), and new locknut (29) on retainer (17).
9. Install lift bracket (28), six washers (56), bolts (55), washers (36), and new locknuts (35) on door (40).
10. Install two doublers (57), seven washers (12), bolts (11), washers (10), and new locknuts (9) on retainer (17).
11. Install two sleeves (39), washers (54), capscrews (53), washers (38), and new locknuts (37) on door (40).

INSTALLATION - CONTINUED**WARNING**

- Use caution when handling heavy parts. Provide adequate support and use assistance during procedure. Keep clear of heavy parts supported only by lifting device. Failure to follow this warning may cause injury or death to personnel.
- For proper threat protection, door ballistic glass must be correctly installed into door frame. During installation, ensure that stencil marking "THIS SURFACE TOWARDS THREAT" is located on outside of cab. Improperly installed door ballistic glass will not protect occupants. Failure to follow this warning may cause injury or death to personnel.

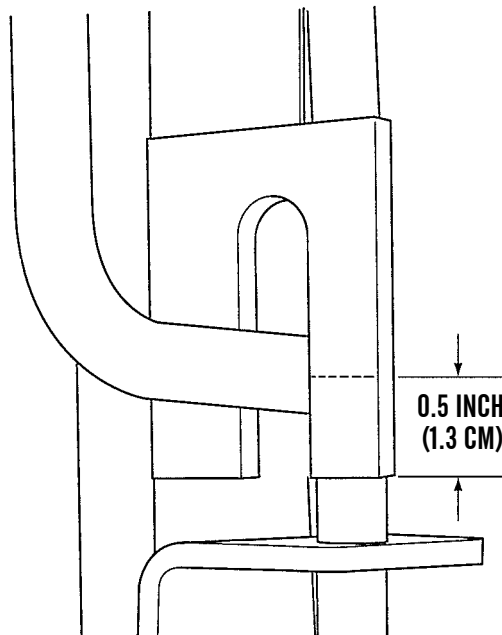
NOTE

Door ballistic glass weighs 75 lb (34 kg).

12. With assistance, install door ballistic glass (1) by sliding into end of channel (7).

NOTE

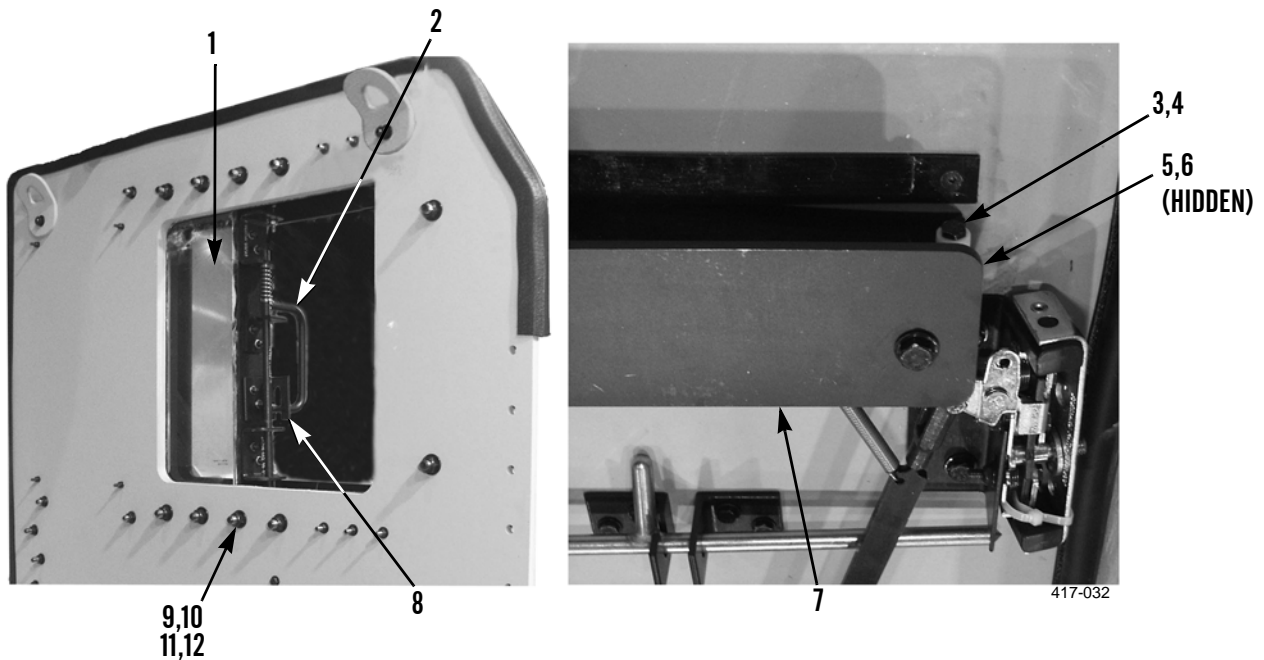
It may be necessary to cut bracket (8) approximately 0.5 in. (1.3 cm) to allow handle to rotate.



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DOOR BALLISTIC GLASS AND FRAME ASSEMBLY REPLACEMENT - CONTINUED**0014 00****INSTALLATION - CONTINUED**

13. When door ballistic glass (1) is near center position, lower handle (2) into center lock hole and rotate handle outward.
14. Lift handle (2) out of center lock hole and close door ballistic glass (1).
15. Install spacer (4), bolt (3), washer (6), and new locknut (5) in bottom channel (7).
16. Install washer (12), bolt (11), washer (10), and new locknut (9).



17. Operate door ballistic glass (1) to verify correct operation.
18. If removed, install door applique (WP 0015 01).

END OF WORK PACKAGE

