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**EQUIPMENT DESCRIPTION AND DATA**

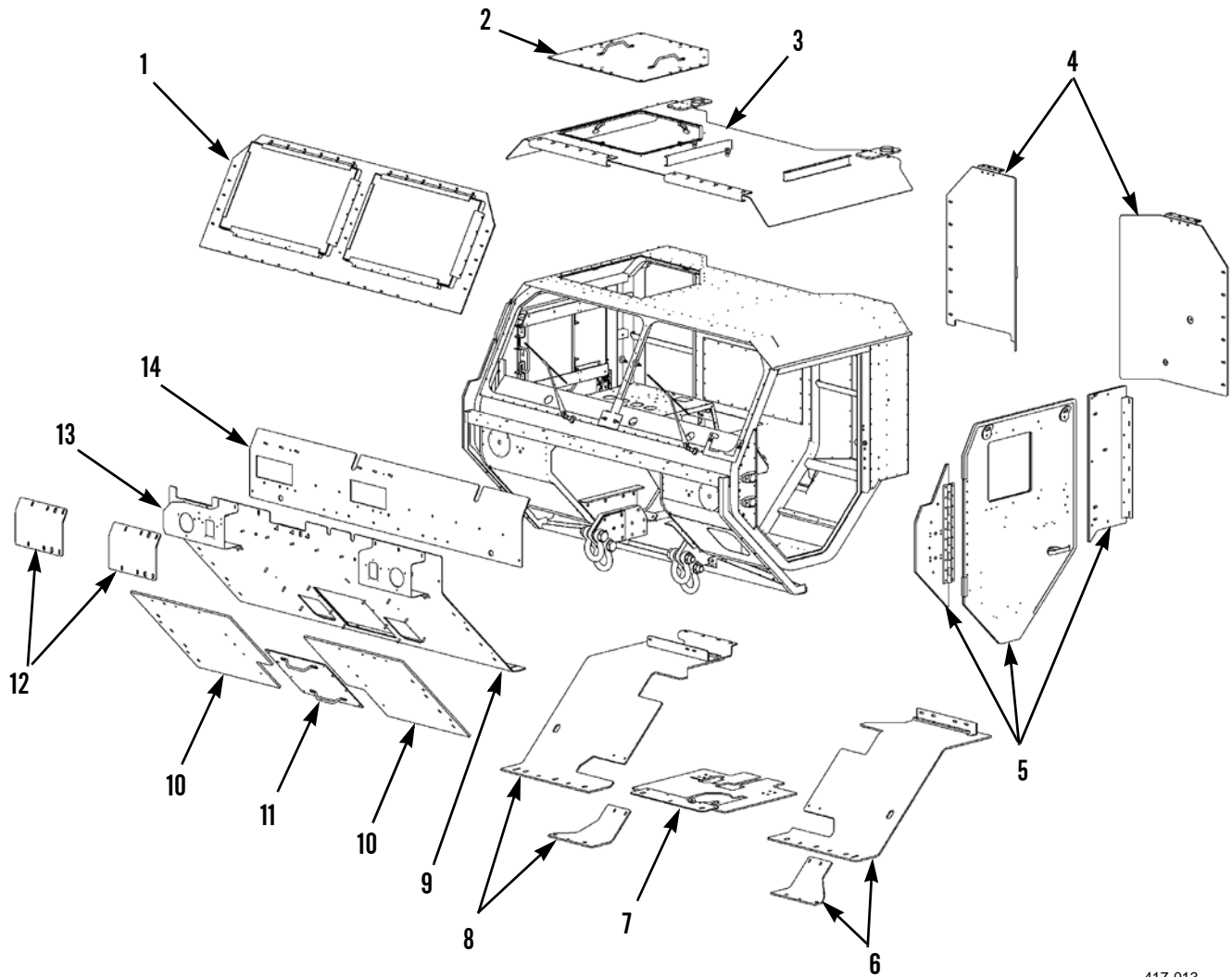
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**0002 00*****EQUIPMENT CHARACTERISTICS, CAPABILITIES, AND FEATURES***

1. The Crew Protection Kit provides the M1074/M1075 Palletized Load System (PLS) Tractor Truck with improved protection.
2. The Crew Protection Kit consists of armor panels that are installed on the cab of the PLS.
3. The Crew Protection Kit consists of the following:
  - a. Driver-side, center, and passenger-side blast deflectors under the vehicle
  - b. Front, side, rear, and roof armor panels
  - c. Door assemblies
  - d. Ballistic glass for windshield and side door windows
4. The M1074/M1075 Palletized Load System (PLS) Tractor Truck with Crew Protection Kit may also have a side armor and door armor applique kit installed.

**EQUIPMENT DESCRIPTION AND DATA - CONTINUED****0002 00****LOCATION AND DESCRIPTION OF MAJOR COMPONENTS**

The illustration below shows major armor kit components and their location in relation to the PLS cab.



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EQUIPMENT DESCRIPTION AND DATA - CONTINUED

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*LOCATION AND DESCRIPTION OF MAJOR COMPONENTS - CONTINUED*

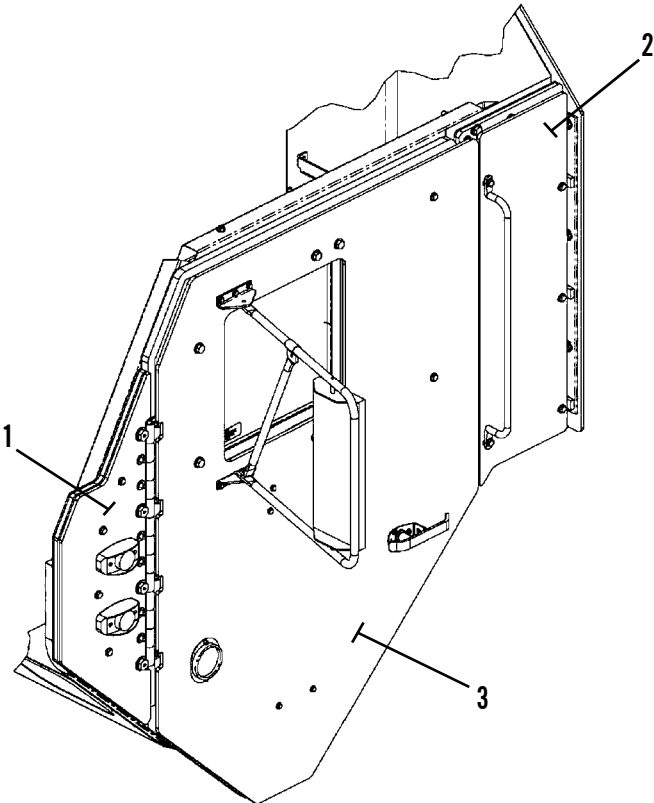
KEY	COMPONENT
1	Windshield Frame and Windshield
2	Escape Hatch (Part of Roof Armor)
3	Roof Armor
4	Rear Cab Armor
5	Cab Side Armor (Includes Door Assembly)
6	Driver-side Blast Deflector
7	Center Blast Deflector
8	Passenger-side Blast Deflector
9	Lower Brush Guard
10	Front Brush Guard IED Panel
11	Access Cover Armor Panel
12	Gun Mount Panel Cover
13	Headlight Armor
14	Upper Brush Guard

EQUIPMENT DESCRIPTION AND DATA - CONTINUED

0002 00

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS - APPLIQUE

The illustration below shows applique components and their location in relation to the PLS cab.



440-074

KEY	COMPONENT
1	Cab Side (Front) Applique
2	Cab Side (Rear) Applique
3	Door Applique

**EQUIPMENT DESCRIPTION AND DATA - CONTINUED****0002 00****EQUIPMENT DATA**

1. Many components of the Crew Protection Kit are heavier than allowable for one or two persons to lift. To ensure personnel safety during maintenance of the armor kit, it is important to be aware of component weight.
2. Table 1 below lists components of the armor kit, their weight, and total armor kit weight per vehicle.
3. Table 2 lists side armor and door armor applique components, their weight, and total armor kit weight per vehicle.
4. Table 3 lists components that are removed from the vehicle, their weight, and total weight per vehicle.

**Table 1. Crew Protection Kit Components.**

<b>COMPONENT DESCRIPTION</b>	<b>WEIGHT OF COMPONENT</b>
Armor Kit, Side (LH)	447 lb (203 kg)
Armor Kit, Side (RH)	447 lb (203 kg)
Armor Kit, Roof	335 lb (152 kg)
Armor Kit, Rear	266 lb (121 kg)
Armor Kit, Underbody	573 lb (260 kg)
Armor Kit, Front	724 lb (328 kg)
Armor Kit, Windshield	339 lb (154 kg)
TOTAL WEIGHT OF CREW PROTECTION KIT	3,131 lb (1,420 kg)

**Table 2. Applique Kit Components.**

<b>APPLIQUE COMPONENT DESCRIPTION</b>	<b>WEIGHT OF COMPONENT</b>
Cab Side (Front) Applique (LH)	29 lb (13 kg)
Cab Side (Front) Applique (RH)	29 lb (13 kg)
Cab Side (Rear) Applique (LH)	45 lb (20 kg)
Cab Side (Rear) Applique (RH)	45 lb (20 kg)
Door Applique (LH)	206 lb (94 kg)
Door Applique (RH)	206 lb (94 kg)
Hardware and Brackets	27 lb (12 kg)
TOTAL WEIGHT OF APPLIQUE KIT	587 lb (266 kg)

**EQUIPMENT DESCRIPTION AND DATA - CONTINUED****0002 00****EQUIPMENT DATA - CONTINUED****Table 3. Components Removed from Vehicle and Total Weights.**

<b>REMOVED COMPONENTS</b>	<b>WEIGHT OF COMPONENT</b>
Left and Right Door	200 lb (91 kg)
Brush Guard	112 lb (51 kg)
Front Windshields	64 lb (29 kg)
Clearance Light Bar	15 lb (7 kg)
Roof Panel	12 lb (5 kg)
Mud Flaps	22 lb (10 kg)
TOTAL WEIGHT OF REMOVED ITEMS	425 lb (193 kg)
TOTAL WEIGHT INCREASE TO VEHICLE	2,766 lb (1,255 kg)
TOTAL WEIGHT INCREASE TO VEHICLE WITH APPLIQUE	3,353 lb (1,521 kg)

**END OF WORK PACKAGE**