



INSTALLATION INSTRUCTIONS

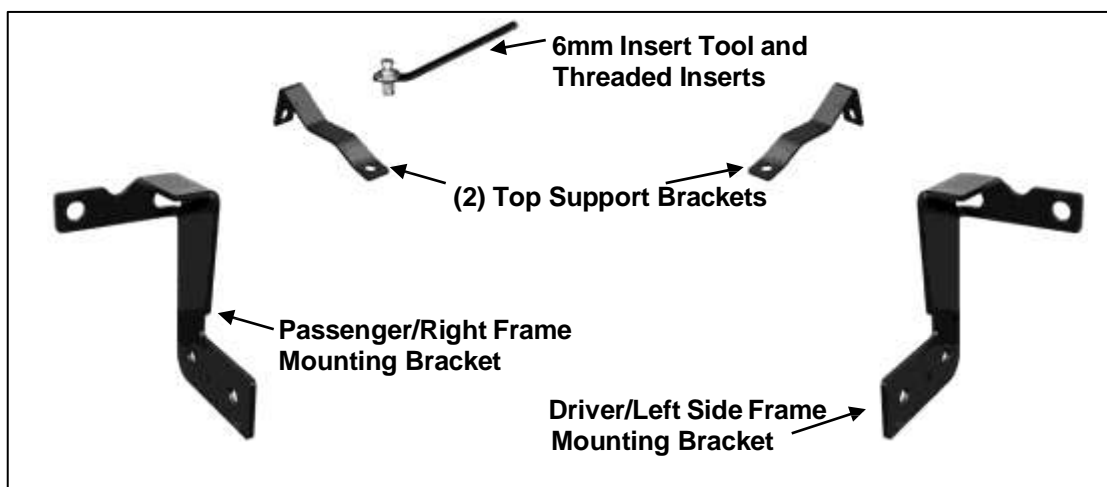
**FRONT RUNNER GRILLE GUARD
FOR 2014-2022 DODGE PROMASTER VAN
1500/2500/3500**

For Part #s 17DOPRMA-PLFR

Front Runner Grille Guards for Ram Promaster Vans 1500/2500/3500 for model Years 2014 thru 2022

PARTS LIST:

1	Front Runner Grille Guard Center	4	12mm Hex Nuts
1	Driver/Left Modular Wing	8	8-1.25mm x 30mm Hex Bolts
1	Passenger/Right Modular Wing	16	8mm x 24mm OD x 2mm Flat Washers
1	Driver/Left Frame Mounting Bracket	8	8-1.25mm Nylon Lock Nuts
1	Passenger/Right Frame Mounting Bracket	2	6-1.0mm x 20mm Button Head Bolts
2	Top Support Brackets	1	6-1.0mm x 35mm Hex Bolt (use for insert only)
1	6mm Insert Tool	2	6-1.0mm x 25mm Hex Bolts
2	6-1.0mm Threaded Inserts	1	6mm x 22mm OD x 2mm Large Flat Washer
4	12-1.75mm x 35mm Hex Bolts	4	6mm x 18mm OD x 1.6mm STD Flat Washers
8	12mm x 24mm OD x 2.5mm STD Flat Washers	2	6mm Lock Washers
4	12mm Lock Washers	1	6mm Hex Nut (use for threaded insert only)



PROCEDURE:

FIRST VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMENDED & SOME CUTTING INTO PLASTIC BUMPER IS NEEDED.

1. Under the passenger side front bumper. Remove the splash guard, **(Figure 1)**.
2. Locate and remove the (2) factory lower bumper bracket bolts, **(Figure 3)**.
3. Select the passenger side Frame Mounting Bracket, **(Figure 2)**. Attach the Bracket to the front of the bumper bracket with the (2) factory hex bolts, **(Figure 3)**. Do not tighten down.
4. Repeat **Steps 1—3** to install the driver side Frame Mounting Bracket.
5. Check if the vehicle is equipped with an oil cooler bolted to the top/back of the steel impact bumper.

Models without oil cooler:

- a. Open the hood. Remove the plastic center section of the 3-piece front bumper cover, **(Figure 4A)**.
- b. Locate the factory holes in the back of the steel impact bumper, **(Figure 4B)**. **IMPORTANT:** The Top Brackets will attach to factory holes offset toward the driver side. Inserts cannot be removed once installed. If necessary, hold the Grille Guard up in position on the outside of the Frame Brackets. Line up the threaded inserts in the bottom of the grille guard with the mounting holes in the back of the bumper, **(see Figures 12 & 13)**.
- c. Mark the correct holes in the bumper before installing inserts.
- d. Select (1) 6mm Threaded Insert, (1) 6mm x 35mm Hex Bolt, (1) 6mm x 22mm Large Flat Washer, (1) 6mm Hex Nut and the Insert Tool, **(Figure 5A)**. Assemble the Tool as shown in **Figure 5B**. Push the Tool and Insert assembly into the correct factory hole in the back of the steel bumper.

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- e. Hold the 6mm Hex Bolt in position with a 10mm Wrench and slowly tighten (turn clockwise) the 6mm Hex Nut until the Insert is fully locked in place, **(Figure 6)**. **NOTE:** Do not over tighten or damage to the Insert may occur. Once Insert is fully compressed, remove the Hex Bolt and Tool from the Insert.
- f. Repeat the previous **Steps d & e** to install the second Insert in the driver side, **(Figures 4A—6)**.
- g. Select the (2) Top Mounting Brackets. Attach the Brackets to the Threaded Inserts with (2) 6mm x 25mm Hex Bolts, (2) 6mm Lock Washers and (2) 6mm Flat Washers, **(Figure 7)**.
- h. Snug but do not tighten hardware at this time.
- i. Reinstall the plastic bumper cover.

Models with oil cooler:

- a. From below the bumper, remove the (2) factory hex bolts attaching the brackets on the oil cooler to the back of the impact bumper, **(Figures 8 & 9A)**.
 - b. Insert the Top Brackets between the oil cooler brackets and the bumper, **(Figures 9A—9C)**.
 - c. Attach the Brackets with the included (2) 6mm x 25mm Hex Bolts, (2) 6mm Lock Washers and (2) 6mm Flat Washers, **(Figures 9A—9C)**.
 - d. Snug but do not tighten hardware at this time.
- 6. With assistance, place the Grille Guard up to the outside of the Frame Brackets. Attach the Grille Guard to the Brackets with (4) 12mm x 35mm Hex Bolts, (8) 12mm x 24mm STD Flat Washers, (4) 12mm Lock Washers and (4) 12mm Hex Nuts, **(Figure 10)**. Snug but do not tighten hardware at this time.
 - 7. Next, select the driver side outer wing. Attach the wing to the center Grille Guard with (4) 8mm x 30mm Hex Bolts, (8) 8mm Flat washers and (4) 8mm Nylon Lock Nuts, **(Figure 11)**. Tighten the wing hardware at this time. Repeat to attach the passenger side wing to the grille guard.
 - 8. Line up the Top Brackets with the threaded inserts in the bottom of the crossbar. Attach the Brackets to the crossbar with (2) 6mm x 20mm Button Head Bolts, (2) 6mm Lock Washers and (2) 6mm x 18mm STD Flat Washers, **(Figures 12 & 13)**. Do not fully tighten hardware at this time.
 - 9. Align and adjust the Grille Guard and fully tighten all hardware at this time.
 - 10. Hold the plastic splash guard up to the bottom of the passenger side Mounting Bracket, **(Figure 14)**. Trace the location of the Bracket onto the inside of the plastic cover. Use a sharp knife or hacksaw blade to cut out the section from the cover. Reinstall the splash guard.
 - 11. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

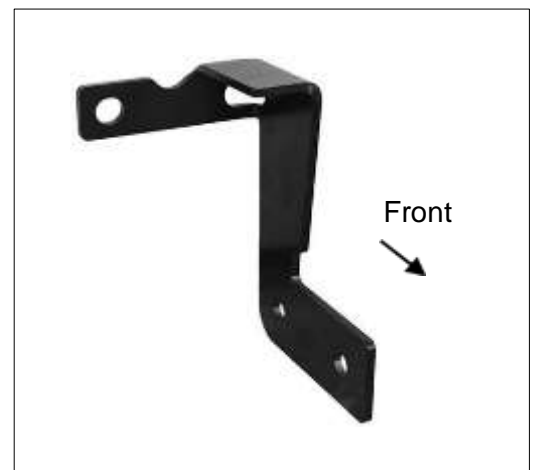
To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

For stainless steel: Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the Grille Guard.

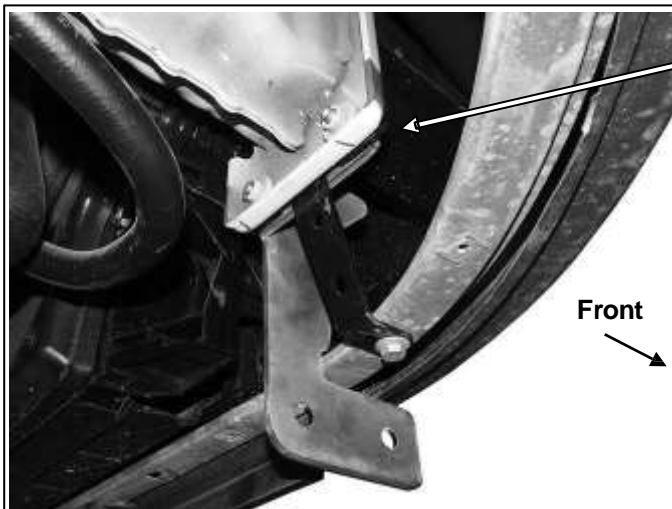
For gloss black finishes: Mild soap may be used to clean the Grille Guard



(Fig 1) Remove plastic splash guard.

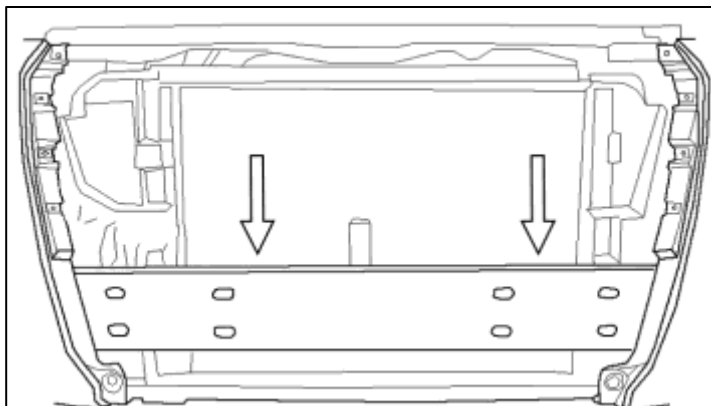


(Fig 2B) Passenger/right side Mounting Bracket

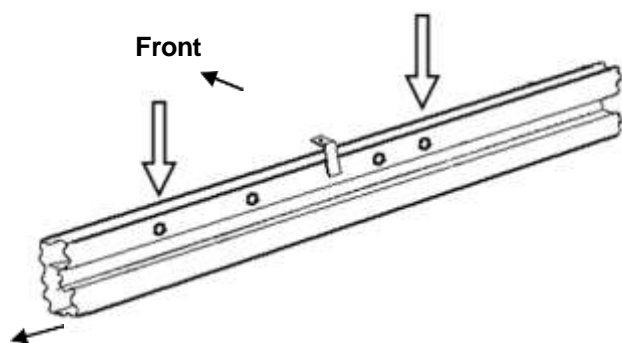


(Fig 3) Passenger side bracket installed.

Reuse (2) lower bumper bracket bolts. Install the Mounting Bracket over the bumper bracket.

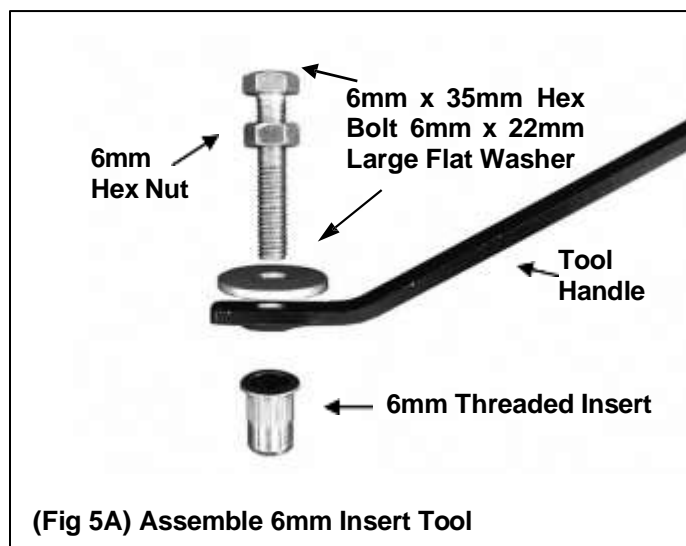


(Fig 4A) Models without oil cooler: once center bumper cover is removed, locate the holes in the back of the steel impact bumper (arrows)



Driver/left side.

(Fig 4B) Back of steel inner bumper illustrated. NOTE: locate mounting holes offset to left side



(Fig 5A) Assemble 6mm Insert Tool

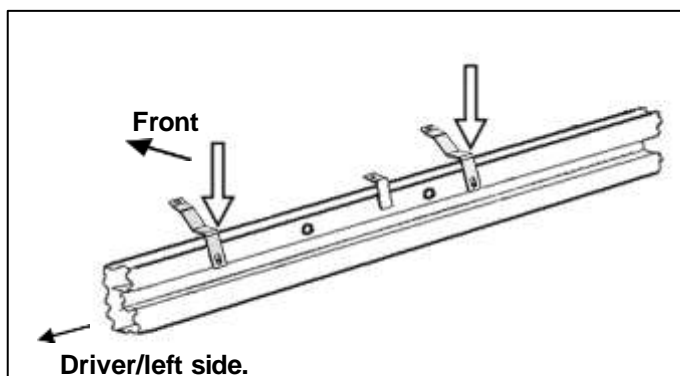
Hold 6mm Hex Bolt in position with wrench. Turn 6mm Hex Nut clockwise to "pull" insert.



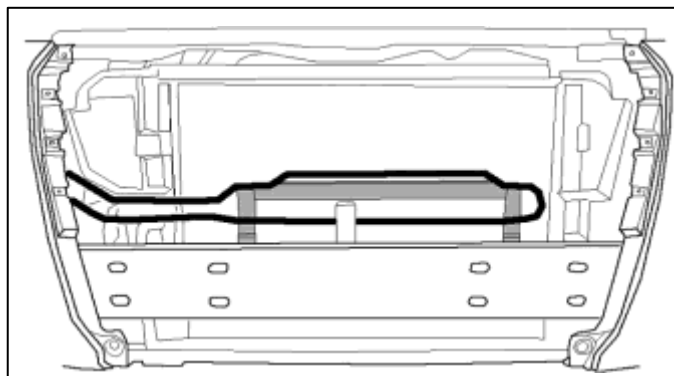
(Fig 5B) Assemble 6mm Insert Tool



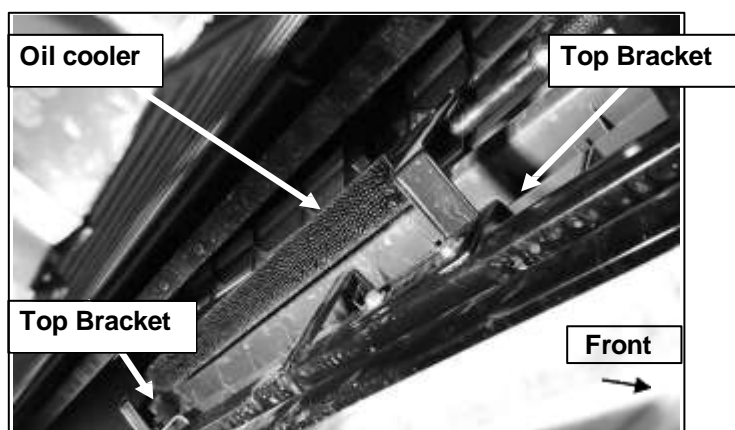
(Fig 6) Example of fully installed 6mm Insert.



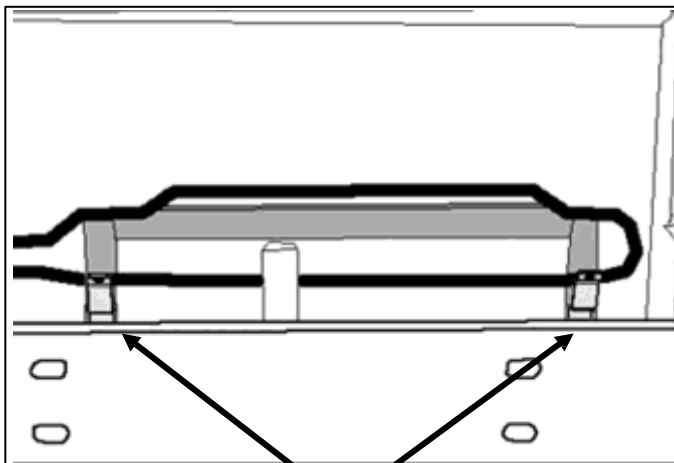
(Fig 7) Back of steel inner bumper illustrated.
NOTE: locate offset mounting holes



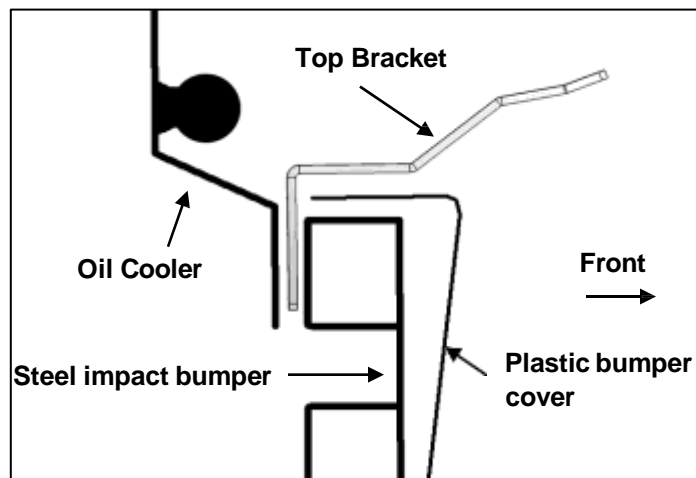
(Fig 8) Model with oil cooler illustrated.



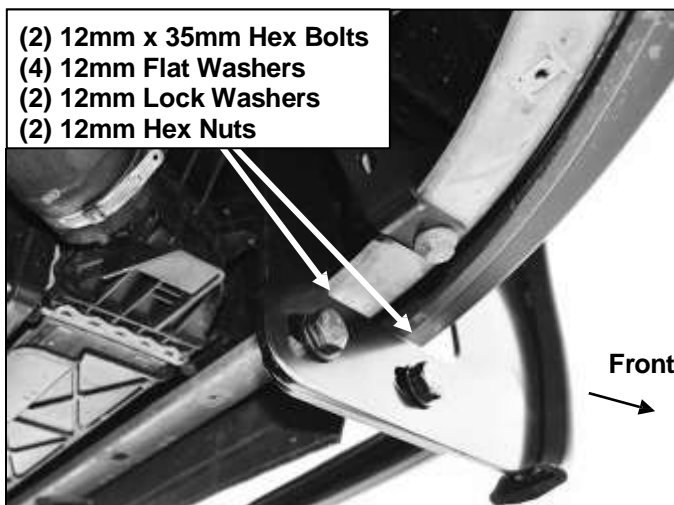
(Fig 9A) Insert Top Bracket between back of impact bumper and oil cooler bracket.
Impact bumper pictured from below.



(Fig 9B) Insert Top Brackets between back of impact bumper and oil cooler brackets.



(Fig 9C) Insert Top Brackets between back of impact bumper and oil cooler brackets (side view of bumper)



(Fig 10) Passenger side pictured.

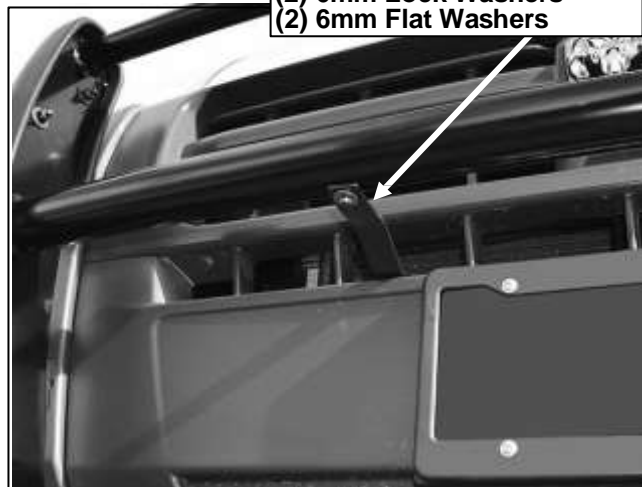
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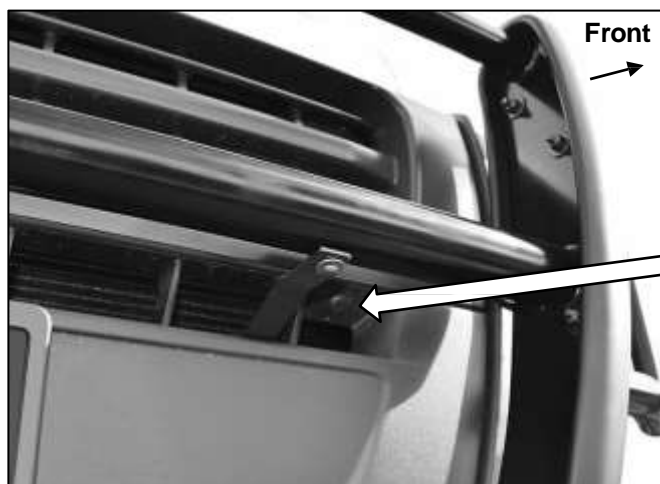
(4) 8mm x 30mm Hex Bolts
(8) 8mm Flat Washers
(4) 8mm Nylon Lock Nuts

(2) 6mm Button Head Bolts
(2) 6mm Lock Washers
(2) 6mm Flat Washers

(Fig 11) Passenger wing pictured.

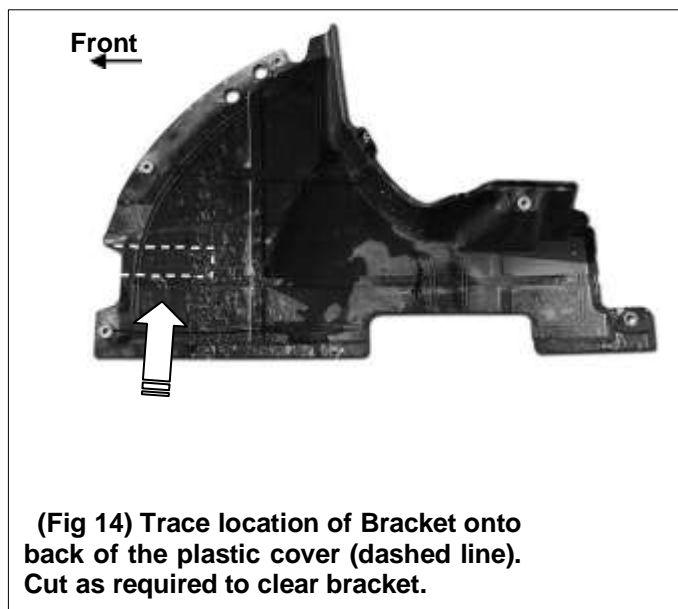


(Fig 12) Passenger side Top Bracket pictured.



(2) 6mm Button Head
(2) 6mm Bolts mm Lock
(2) 6mm Flat Washers

(Fig 13) Driver side Top Bracket pictured.



(Fig 14) Trace location of Bracket onto back of the plastic cover (dashed line). Cut as required to clear bracket.



