



Innovative Truck Racks!



Two Companies ! One Vision !

3000 & 7000 SERIES STEPGUARD

COMPLETE GRILLE & BRUSH GUARD ASSEMBLY INSTRUCTIONS

PART NO. 3214M & 7214M 06-08 DODGE RAM SLT 1500 2/4WD

Do not attempt to install this product on any vehicle other than the one it is designed for and listed above!

PACKING LIST

<u>QTY</u>	<u>PARTS DESCRIPTION</u>	<u>QTY</u>	<u>PARTS DESCRIPTION</u>
2	1/4" X 3/4" BUTTON HEAD BOLTS	2	3214 SIDE PLATES
8	5/16" X 3/4" BUTTON HEAD BOLTS	1	3216P PASSENGER BRUSH GUARD
8	5/16" LOCK NUTS	1	3216D DRIVER BRUSH GUARD
8	3/8" X 1" BUTTON HEAD BOLTS	1	D4P PASSENGER HEAD LIGHT PROTECTOR
4	3/8" X 1 1/4" HEX BOLTS	1	D4D DRIVER HEAD LIGHT PROTECTOR
8	3/8" LOCK WASHERS	1	ST3006 3" X 35 3/4" BOTTOM STEP TUBE
4	3/8" HEX NUTS	1	TT3534 2" X 35 3/4" TOP TUBE
4	3/8" FLAT WASHERS	1	CP3006 35 3/4" CENTER PLATE

ASSEMBLY

STEP 1. BEGIN THE ASSEMBLY BY LAYING THE COMPONENTS OUT ON A PROTECTIVE SURFACE.

STEP 2. POSITION THE GRILLE GUARD SIDE PLATES WITH THE FRONT EDGE DOWN AND THE 2" TOP AND BOTTOM STEP TUBE BETWEEN THE SIDE PLATES.

STEP 3. ATTACH THE TOP TUBE TO THE SIDE PLATES USING (2) 3/8" X 1 1/4" HEX BOLTS AND LOCK WASHERS. DO NOT TIGHTEN.

STEP 4. ATTACH THE STEP TUBE TO THE SIDE PLATES USING (4) 3/8" X 1" BUTTON HEAD BOLTS. DO NOT TIGHTEN.

STEP 5. POSITION THE CENTER PLATE BETWEEN THE GRILLE GUARD SIDE PLATES, WITH THE **SLOTTED MOUNTING HOLES** IN THE CENTER PLATE DOWN. ATTACH THE CENTER PLATE TO THE SIDE PLATES USING (4) 3/8" X 1" BUTTON HEAD BOLTS, FLAT WASHERS, LOCK WASHERS AND HEX NUTS. DO NOT TIGHTEN.

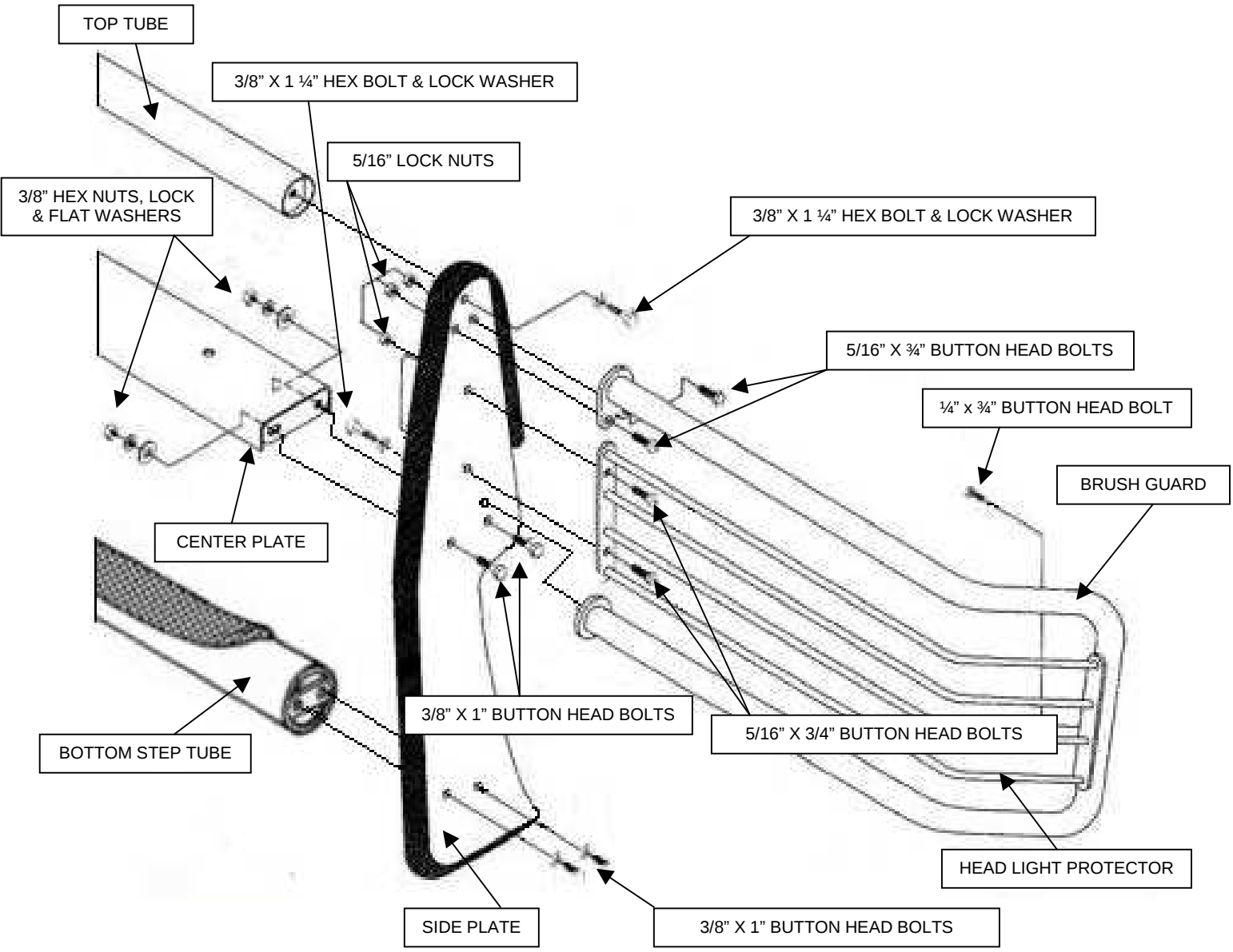
STEP 6. TIGHTEN THE 2" TOP TUBE.

STEP 7. POSITION THE DRIVER SIDE BRUSH GUARD UP TO THE GRILLE GUARD ASSEMBLY. LOOSELY ATTACH THE BOTTOM OF THE BRUSH GUARD TO THE GRILLE GUARD SIDE PLATE USING (1) 3/8" X 1 1/4" HEX BOLT AND LOCK WASHER. ATTACH THE TOP OF THE BRUSH GUARD TO THE SIDE PLATE USING (2) 5/16" X 3/4" BUTTON HEAD BOLTS, AND LOCK NUTS.

REPEAT THE ABOVE STEP TO INSTALL THE PASSENGERS SIDE BRUSH GUARD.

STEP 8. LOOSELY ATTACH THE DRIVER SIDE HEAD LIGHT PROTECTOR TO THE BRUSH GUARD USING (1) 1/4" X 3/4" BUTTON HEAD BOLT, AND TO THE SIDE PLATE USING (2) 5/16" X 3/4" BUTTON HEAD BOLTS AND LOCK NUTS. REPEAT THIS STEP TO INSTALL THE PASSENGER SIDE HEAD LIGHT PROTECTOR.

STEP 9. ALIGN THE GRILLE AND BRUSH GUARD ASSEMBLY, AND TIGHTEN ALL NUTS AND BOLTS.





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PACKING LIST

<u>QTY</u>	<u>PARTS DESCRIPTION</u>	<u>QTY</u>	<u>PARTS DESCRIPTION</u>
2	3/8" X 1 1/4" HEX BOLTS	4	1/2" LOCK WASHERS
2	3/8" FLAT WASHERS	1	2140P PASSENGER LOWER BRACKET
2	3/8" LOCK WASHERS	1	2140D DRIVER LOWER BRACKET
2	3/8" HEX NUTS	1	2141P PASSENGER UPPER BRACKET
4	1/2" HEX NUTS	1	2141D DRIVER UPPER BRACKET
4	1/2" FLAT WASHERS	4	1/2" X 1 1/2" HEX BOLTS

INSTALLATION

NOTE: THIS INSTALLATION REQUIRES PERMANENTE REMOVAL OF THE FACTORY TOW HOOKS AND MODIFYING (NOTCHING) THE LOWER BUMPER VALANCE.

STEP 1. READ THE INSTRUCTIONS COMPLETELY. BEGIN THE INSTALLATION BY REMOVING THE LOWER BUMPER VALANCE. **FIG. #1**

STEP 2. REMOVE THE LICENSE PLATE AND MOUNTING BRACKET FROM THE FRONT BUMPER. IF YOUR STATE LAW REQUIRES A FRONT LICENSE PLATE, ATTACH THE LICENSE PLATE DIRECTLY TO THE BUMPER USING THE LOWER HOLES IN THE LICENSE PLATE, AND THE FACTORY SCREWS. **FIG. #2**

STEP 3. LOCATE THE OUTER (2) NUTS AND STUDS THAT SECURE THE BUMPER BRACKET TO THE DRIVER SIDE FRAME RAIL. **FIG. #3**

STEP 4. REMOVE THE (2) NUTS AND POSITION 2140D LOWER MOUNTING BRACKET OVER THE STUDS. SECURE THE LOWER BRACKET USING THE FACTORY NUTS. DO NOT TIGHTEN. **FIG. #4**
REPEAT THE PROCEDURE FOR THE PASSENGER SIDE LOWER BRACKET.

STEP 5. MEASURE AND NOTCH THE BUMPER VALANCE TO FIT WITH THE LOWER BRACKETS. REINSTALL THE BUMPER VALANCE USING THE FACTORY FASTENERS.

STEP 6. ATTACH THE GRILLE GUARD ASSEMBLY TO THE OUTSIDE OF THE LOWER MOUNTING BRACKETS USING THE 1/2" X 1 1/2" HEX BOLTS, FLAT WASHERS, LOCK WASHERS AND HEX NUTS. DO NOT TIGHTEN. **FIG. #5**

STEP 7. OPEN THE HOOD, AND LOCATE THE (2) BOLTS SECURING THE FRAME CROSS MEMBER. **FIG. #6**

STEP 8. REMOVE THE BOLTS AND ATTACH 2141D UPPER BRACKET TO THE TOP OF THE CROSS MEMBER USING THE FACTORY BOLTS. DO NOT TIGHTEN. **FIG. #7**
REPEAT THE PROCEDURE FOR THE PASSENGER SIDE UPPER BRACKET.

STEP 9. ATTACH THE GRILLE GUARD ASSEMBLY TO THE OUTSIDE OF THE UPPER MOUNTING BRACKETS USING THE 3/8" X 1 1/4" HEX BOLTS, FLAT WASHERS, LOCK WASHERS AND HEX NUTS. DO NOT TIGHTEN. **FIG. #8**

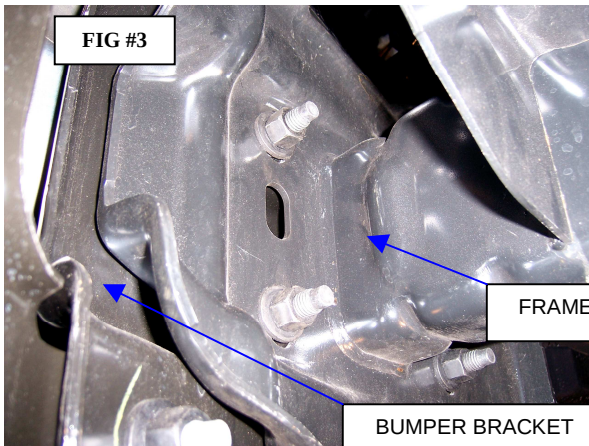
STEP 10. ALIGN THE GRILLE GUARD ASSEMBLY WITH THE FRONT OF THE VEHICLE AND TIGHTEN ALL NUTS AND BOLTS.

IMPORTANT: CAREFULLY CLOSE THE HOOD AND CHECK FOR CLEARANCE BETWEEN THE VEHICLES GRILLE AND GRILLE GUARD TOP TUBE. IF NECESSARY, LOOSEN THE MOUNTING BRACKETS AND ADJUST.



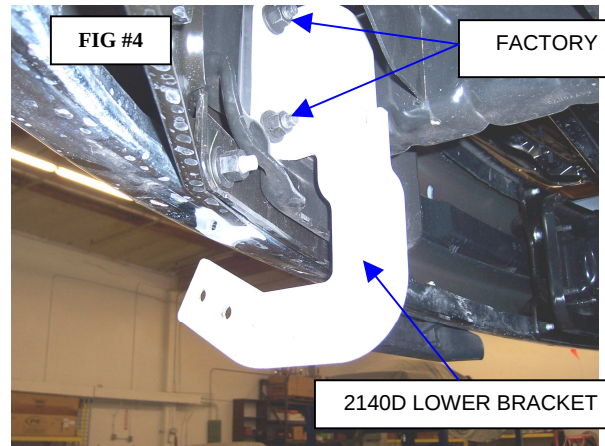
LICENSE PLATE BRACKET

LOWER BUMPER VALANCE



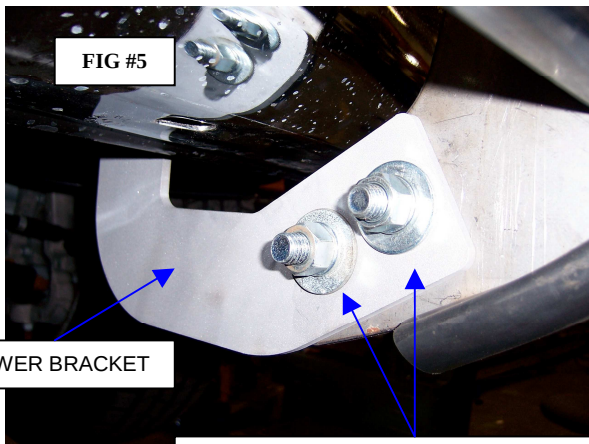
FRAME RAIL

BUMPER BRACKET



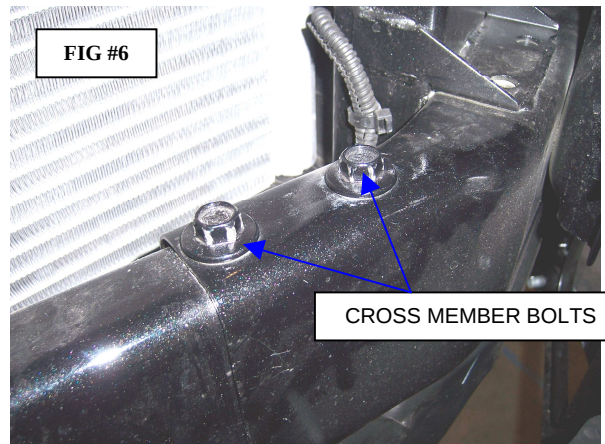
FACTORY NUTS

2140D LOWER BRACKET

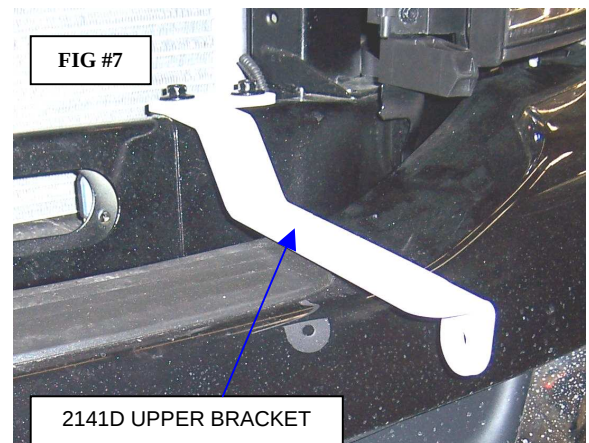


1604 LOWER BRACKET

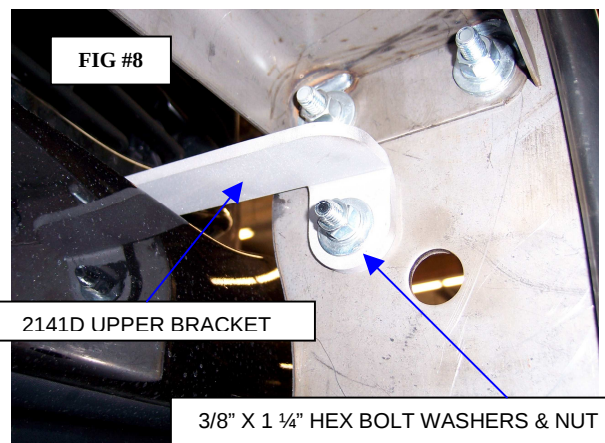
1/2" X 1 1/2" HEX BOLTS, WASHERS & NUTS



CROSS MEMBER BOLTS



2141D UPPER BRACKET



2141D UPPER BRACKET

3/8" X 1 1/4" HEX BOLT WASHERS & NUT