

INSTALLATION INSTRUCTIONS AND PARTS LIST

MODEL 570231 MEGA STEPS BRACKETS: 2002 AND NEWER DODGE RAM REGULAR CAB PICKUPS



1. READ INSTRUCTIONS COMPLETELY AND CHECK TO MAKE SURE THAT ALL REQUIRED PARTS (LISTED ON SERVICE PARTS LIST) ARE ON HAND BEFORE STARTING THE INSTALLATION.
2. ASSEMBLE THE LOAD REACTION STUDS AND HARDWARE (ITEM #12 THRU #15) AS FOLLOWS.
 - 2.1. ON THE SHORT THREADED END OF THE LOAD REACTION STUD (ITEM #12), INSTALL A 3/8" SERRATED FLANGE NUT (ITEM #14) BACKWARDS TO THE BOTTOM OF THE THREAD. THEN, INSTALL A 3/8" FLAT WASHER (ITEM #15) AND RUBBER "CUSHION" WASHER (ITEM #13) TIGHT UP AGAINST THE SERRATED FLANGE NUT. (THE END OF THE STUD MUST BE RECESSED IN THE RUBBER WASHER APPROX. 3/16").
 - 2.2. ON THE LONG THREADED END OF THE STUD, INSTALL A 3/8" SERRATED FLANGE NUT (ITEM #14) BACKWARDS TO NEAR TO THE BOTTOM OF THE THREADS.
3. ATTACH THE LOAD REACTION STUD ASSEMBLIES TO THE FRONT STEP MOUNTING BRACKETS AS SHOWN.
 - 3.1. INSERT THE STUD, FROM WHAT WILL BE THE INBOARD OR FRAME SIDE, THRU THE HOLE IN THE BENT FLANGE OF THE STEP BRACKET SO THAT THE RUBBER WASHER WILL SEAT FIRM AGAINST THE SIDE WALL OF THE FRAME. INSTALL A FLANGE NUT ON THE OUTBOARD END OF THE STUD. (FINGER TIGHT ONLY).
4. REMOVE THE FACTORY FRONT AND REAR BODY MOUNT BOLTS (ONE SIDE OF THE VEHICLE AT A TIME) AND INSTALL THE STEP MOUNTING BRACKETS. ON MODEL YEAR 2002 THRU 2005 THE BODY MOUNT STEEL WASHER PLATES WITH RUBBER CUSHIONS ARE REUSED BETWEEN THE BODY MOUNTS AND THE STEP MOUNTING BRACKETS. ON MODEL YEAR 2006 TO CURRENT USE A 5/8" FLAT WASHER (ITEM #11) BETWEEN THE BOTTOM OF THE BODY MOUNT AND THE STEP MOUNTING BRACKET.
 - 4.1. ATTACH THE FRONT AND REAR STEP MOUNTING BRACKETS. (ITEM #2 THRU #5) TO THE BODY MOUNTS AS SHOWN. USE M12-1.75 X 110mm (APPROX 4-3/8" LONG) HEX HEAD BOLTS (ITEM #8), 1/2" LOCK WASHERS (ITEM #9) AND 1/2" FLAT WASHERS (ITEM #10).
 - 4.2. LOCATE THE FRONT AND REAR STEP MOUNTING BRACKETS TO THE INBOARD MOUNTING POSITION. THIS IS DONE BY PUSHING THE BRACKETS INWARD TO THE END OF THE SLOT.
 - 4.3. ROTATE THE STEP BRACKETS SO THAT THE SLOTS IN THE FLAT STEP PLATE MOUNTING SURFACE ARE STRAIGHT OUT (AT 90 DEGREE ANGLE) FROM THE FRAME. TORQUE ALL BODY MOUNT BOLTS TO 60 LB. FT.
5. ATTACH THE STEP ASSEMBLIES (ITEM #1) TO THE STEP MOUNTING BRACKETS.
 - 5.1. INSERT TWO (2) 5/16-18 SQUARE HEAD SCREWS (ITEM #6) IN THE OUTBOARD SLOT ON THE UNDER SIDE OF EACH STEP.
 - 5.2. POSITION THE STEP ON THE STEP MOUNTING BRACKETS SO THAT THE STEP IS CENTERED, FRONT TO REAR, ON THE CAB AND THE SQUARE HEAD SCREWS ARE LOCATED IN THE SLOTS OF THE STEP MOUNTING BRACKETS.
 - 5.3. INSTALL 5/16-18 SERRATED FLANGE NUTS (ITEM #7) ON THE SQUARE HEAD SCREWS AND TIGHTEN TO 19 LB FT.
 - 5.4. INSTALL 5/16-18 SERRATED FLANGE NUTS (ITEM #7) ON ANY UNUSED SQUARE HEAD SCREWS IN THE INBOARD SLOT OF THE STEP AND TIGHTEN TO 19 LB FT.

6. ATTACH THE LOAD REACTION STUD ASSEMBLIES AND 90 DEGREE MOUNTING BRACKETS (ITEM #16) TO THE REAR STEP MOUNTING BRACKETS AS SHOWN.
 - 6.1. USE A 5/16" X 1.00" HEX HD SCREW (ITEM #17), 5/16" SERRATED FLANGE NUT (ITEM #18) AND 5/16" FLAT WASHER (ITEM #19). INSERT THE STUD ASSEMBLY THRU THE HOLE IN THE 90 DEGREE BRACKET AND INSTALL A FLANGE NUT ON THE OUTBOARD END OF THE STUD.
 - 6.2. ADJUST THE FRONT STUD ASSEMBLY SO THAT THE RUBBER WASHER IS FIRM AGAINST THE SIDE OF THE FRAME. ADJUST THE REAR STUD ASSEMBLY SO THAT THE RUBBER WASHER IS FIRM AGAINST THE INCLINED SURFACE OF THE BODY MOUNT HOUSING.
7. TIGHTEN THE LOAD REACTION STUD ADJUSTING NUTS TO 19 LB. FT.

SERVICE PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION
1		2	MEGA STEP BOARD ASSEMBLY (SOLD SEPARATELY)
			LENGTH WILL VARY DEPENDING ON APPLICATION
2	551565	1	BRKT- MTG, STEP, FRONT, RH
3	551566	1	BRKT- MTG, STEP, FRONT, LH
4	551569	1	BRKT- MTG, STEP, REAR, RH
5	551570	1	BRKT- MTG, STEP, REAR, LH
6	106880	4	SCREW-SQUARE HEAD, 5/16 18 UNC
7	102680	10	NUT- SERRATED FLANGE, HEX, SST, 5/16-18 UNC
8	103444	4	BOLT- HEX HD CAP, M12-1.75 X 110mm (4-3/8"), BZP
9	100121	4	WSHR- LOCK, 1/2", ZP
10	100118	4	WSHR- PL, A, STL, 1/2", ZP
11	100147	4	WSHR- PL, STL, (5/8") .688 X 1.75 X .134, ZP
12	106960	4	STUD- DBL ENDED, STL, 3/8-16RT, X 4.50", BZP
13	102592	4	WSHR- RUBBER, .354 ID X 1.00 OD X .75 THK
14	106995	12	NUT- SERR FLG, HEX, SST, 3/8-16UNC, BLK ZP
15	106962	4	WSHR- PL, A, SST, 3/8", .438 ID X 1.00 OD X .083 THK, BZP
16	551571	2	BRKT- 90 DEG, 3 HOLE, 1.25"X1.25"/2.25"LEGS
17	106997	2	SCR- HHC, 5/16-18 X 1.00", SST, BZP
18	106996	2	NUT- SERR FLG, HEX, SST, 5/16-18UNC, BLK ZP
19	106998	2	WSHR- PL, SST, 5/16", .75 ID X .875 OD X .083 THK, BZP

REV B 27MAR06
 REV A 21SEP05
 551585 SHEET 2 15JUL05

SERVICE PARTS LIST

BRACKET NO. - 570231

