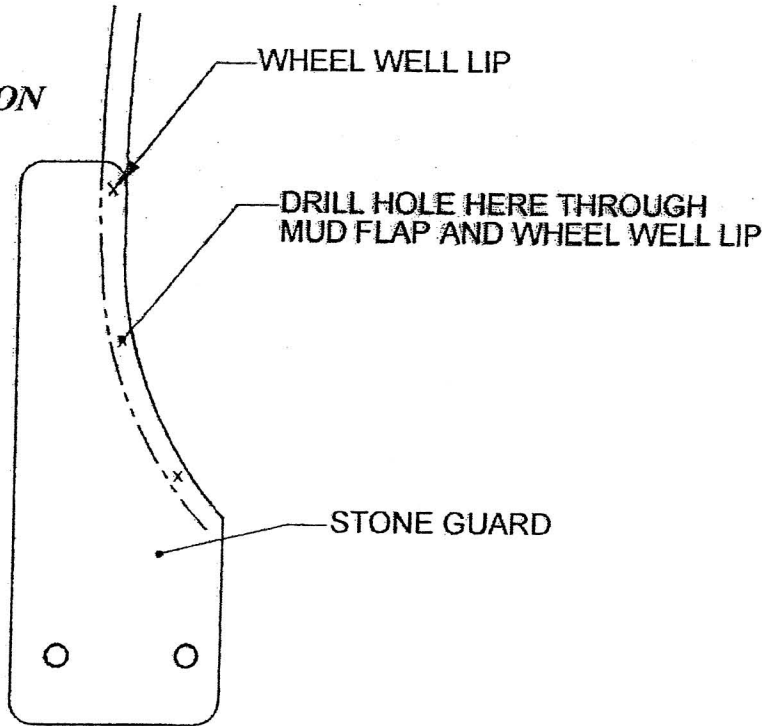


PART#	DESCRIPTION	EX-356-02	EX-391-02	356-02	391-02	356T-02	391T-02
DEM-12-164	61" EXTRUDED BOARD	2					
DEM-12-164	80.75" EXTRUDED BOARD		2				
320-131	61" DIAMOND BOARD			2			
320-81.5	80.75" DIAMOND BOARD				2		
330-60.5	60.5" DIAMOND BOARD					2	
330-81.5	80.75" DIAMOND BOARD						2
EXW-1065D	STONEGUARD	1	1				
EXW-1065P	STONEGUARD	1	1				
EX-401D	END CAP	1	1				
EX-401P	END CAP	1	1				
1097	BOLT PACK	1	1				
P-0070	BOLT PACK	2	2				
M-0479	VERTICAL BRACKET	2	2	2	2	2	2
M-0480	VERTICAL BRACKET	2	2	2	2	2	2
648	HORIZONTAL BRACKET	4	4	4	4	4	4
10276	INSTRUCTION SHEET	1	1	1	1	1	1
318-A	5 1/4" ANGLE	2	2				
Z-BOLT	BOLT PACK	1	1				
W-1065D	STONEGUARD			1	1	1	1
W-1065P	STONEGUARD			1	1	1	1
1102	BOLT PACK			1	1	1	1
P-0071	BOLT PACK			2	2	2	2
1128	BOLT PACK					2	2
790	EXTENSION BRACKET					4	4

FIGURE B
STONEGUARD INSTALLATION



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EX-356-02
EX-356-02B
EX-391-02
EX-391-02B
356-02 / 356T-02
391-02 / 391T-02

2002 Dodge Ram
Installation Instructions
Read Carefully before Installing
Std. Cab and Crew Cab

Section A
Bracket installation.

1. Measure back from the front of the pinch weld using the measurements noted below and mark the pinch weld at these locations.
2. Hold the brackets up to the pinch weld at these locations, they must be held up tight to the cab supports and tight to the pinch weld. Mark the pinch weld and the cab supports through the holes in the bracket, and then drill a 9/32" hole at each location. See figure A for bracket identification.
3. Bolt the brackets to the pinch weld with a 1/4" carriage bolts and nuts.
4. Bolt the top of the bracket to the cab supports with 5/16" thread cutter bolts.

Bracket location	Center	Rear
Std. Cab	41 1/2"	56"
Crew Cab	41 1/2"	74"

Section B
Running board setup. *

1. * For diamond running boards see section E.
2. Install one square head bolt for each channel in each track on the bottom of the running board.
3. Bend stone guard to fit the wheel well, keeping the tape side up.
4. Install a stone guard on one end of the board using the 3/8" x 1" self-threading bolts. Thread the bolts through the holes and into the track, the bolts will cut their own threads in the track, do not over tighten these bolts. Install the 5 1/4" aluminum angle to the other end of the board with two square head bolts and nuts, mount the black plastic end cap to this angle with two 1/4" x 3/4" black bolts. For best appearance make sure end cap is flush with end of board.
5. Bolt the horizontal channels to the bottom of boards using the bolts already in the track and 1/4" nuts do not tighten at this time leave loose enough to slide the channel.

Section C

Installing the boards to the vehicle.

1. If the vehicle has flares check to see if there is enough clearance between the flare and the pinch weld, the board will require 1/8" clearance, trim with a utility knife if necessary.
2. Position the board on the vehicle with the stone guard tight to the wheel well and the back edge of the running board even with the step in the rocker panel, use locking pliers to hold it in place by clamping the channel to the vertical bracket.
3. Bolt the channels to the vertical brackets with 5/16"x 3/4" bolts and 5/16" nuts do not tighten these bolts at this time leave finger tight. (Note: if installing tall boards, bolt the 790 extension bracket to the vertical bracket, and then bolt the channels to the extension bracket.)
4. Set the board level with the vehicle and make sure that the stone guard is tight to the wheel well, also check the board to see if it is parallel with the pinch weld, now tighten the bolts. First tighten the bolts holding the channels to the board then the bolts holding the channels to the vertical brackets.

Section D

Securing the stone guards to the wheel wells.

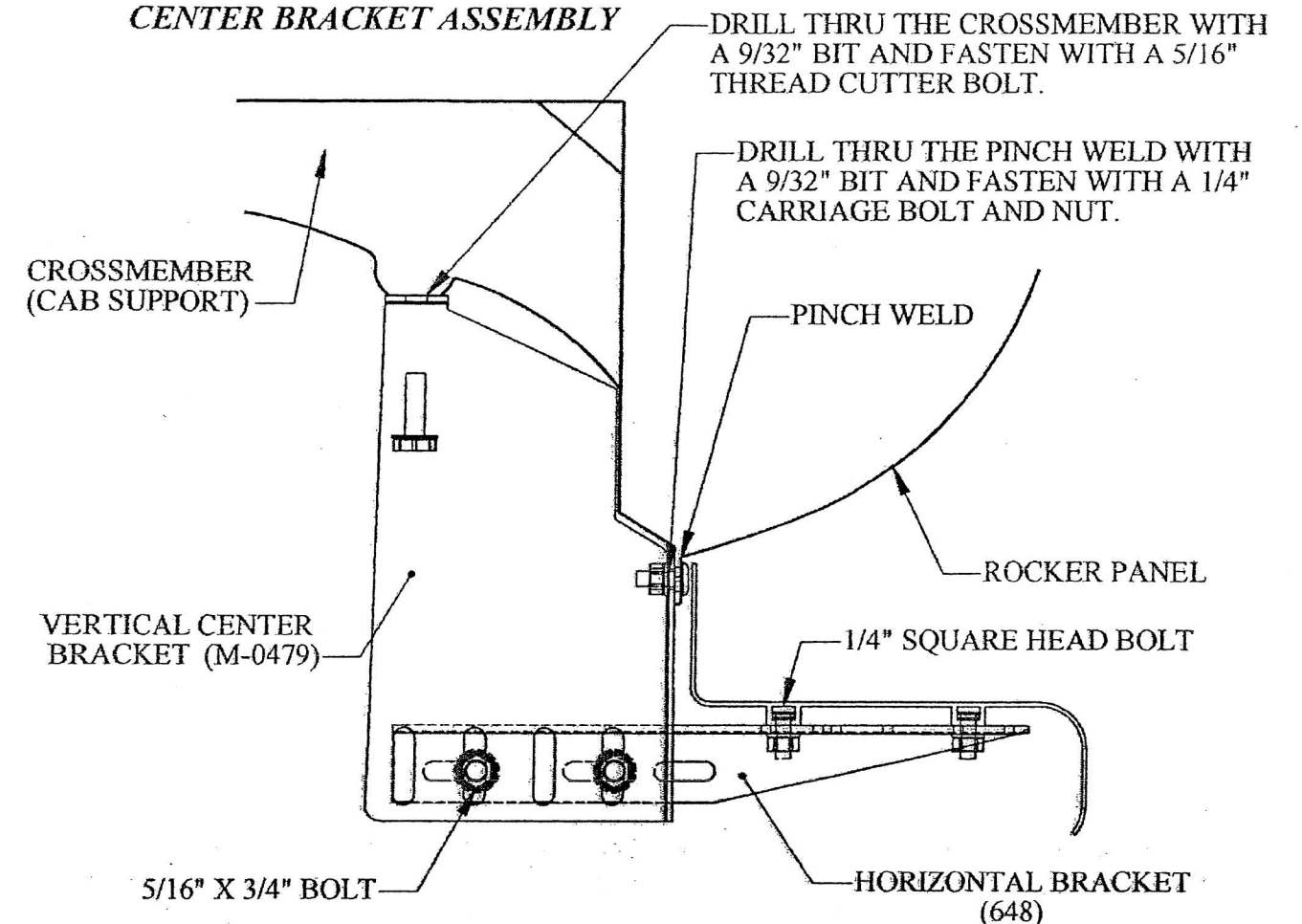
1. Starting at the bottom drill a 1/8" hole three places through the mud flap and the wheel well. See figure B. Drill and secure each location with a # 14 sheet metal screw before drilling next location.

Section E

Diamond running boards.

1. The brackets are installed the same way for diamond boards as they are for the extruded, see section A.
2. Bend stone guard to fit the wheel well, keeping the diamond side up.
3. The stone guards mount to the end of the board with the diamonds on the inside of the end cap, and they are mounted to the running board with carriage bolts.
4. Install the channels to the vertical brackets first then position the board the same way you do for the extruded boards, see section C.
5. Drill up from the bottom with a 5/16" drill bit through the holes in the channels then bolt through from the top down with carriage bolts.

FIGURE A
CENTER BRACKET ASSEMBLY



THE REAR ASSEMBLY WILL BE IDENTICAL EXCEPT FOR THE VERTICAL BRACKETS AND THE SHAPE OF THE CROSSMEMBER

