11359

MAZDA 6

10/29/2008

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 2,000 LBS. TRAILER WEIGHT & 200 LBS. TONGUE WEIGHT. ***DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY.***

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REAR PANEL

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DESIGNED FOR USE WITH

BALL MOUNT # D-221

REAR PANEL

DRILL AND MODIFY HOLE

BUMPER BEAM STRAP

HOLE ENLARGEMENT

DIAGRAM

17/32 DIA

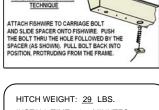
(BOTH SIDES)

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Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	3/8 - 16 x 1 1/4	HEX BOLT
2	2	3/8"	WASHER
3	2	HFN3816	HEX FLANGE NUT
4	4	1/2-13 x 1 1/2	CARRIAGE BOLT
5	2	CM-SP62	.250" SPACER PLATE
6	4	HFN 1213	HEX FLANGE NUT
7	2	CM-SP12	.250 x 1.00 x 2.00" SQUARE HOLE SPACER
8	2	1_2 FISHWIRE	1/2" FISHWIRE





INSTALL TIME: <u>45</u> MINUTES INSTALL NOTES: - DRILLING REQUIRED - FISHWIRE HARDWARE

- REMOVE EXHAUST ON S MODELS

INSTALLATION STEPS

Note: On " s " models with dual mufflers, the driver side muffler must be unbolted at the flange, removed from the hanger and lowered for ease of installation. On " i " models lower the exhaust by removing the rearmost rubber isolator from the hanger.

TRUNK PAN

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- 1) Remove the 2 rubber plugs from spare tire well.
- 2) Place a CM-SP62 spacer plate and 1/2-13 carriage bolt in each hole in the spare tire well as shown.
- 3) Raise the hitch into position and fasten it with a 1/2" flange nut at each carriage bolt installed in Step 2. Secure the hitch at the body mount straps using the supplied 3/8-16 hardware as shown. (Do not tighten fasteners until the next step.)
- 4) Snug fasteners so the hitch will not move. Using the hitch as a template, mark the holes in the rear panel and then remove the hitch. Drill the holes using a 17/32" drill bit and modify using a carbide bit and rotary tool to allow insertion a the 1/2" carriage bolt and CM-SP12 spacer. (See Hole Enlargement Diagram.)
- Reverse fishwire a 1/2-13 carriage bolt and CM-SP12 spacer into each hole. (See Reverse Pull Fishwire Technique.)

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- 6) Raise the hitch into position and secure using the provided hardware.
- 7) Torque all 3/8" fasteners to 30 lb-ft. and all 1/2" fasteners to 75 lb-ft.
- 8) Use silicone caulk (or equivalent) to seal the holes from exhaust fumes and water.
- 9) Replace muffler removed in Step 1.

PERIODICALLY CHECK THIS RECEIVER HITCH TO ENSURE THAT ALL FASTENERS ARE TIGHT AND THAT ALL STRUCTURAL COMPONENTS ARE SOUND.

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