## 12093 **MAZDA CX-7** GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 3,500 LBS, TRAILER WEIGHT & 300 LBS, TONGUE WEIGHT. \*\*\*DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY.\*\*\* Parts List ITEM QTY PART NUMBER DESCRIPTION CARRIAGE BOLT 1/2-13 x 1 1/2 6 1 2 6 CM-SP40 .188 x 1.00 x 3.00" SQ. HOLE SPACER HFN 1213 HEX FLANGE NUT 3 6 PASSENGER SIDE 4 1\_2 FISHWIRE 1/2" FISHWIRE 1 FRAME RAIL FISHWIRE TECHNIQUE FISHWIRE TECHNIQUE INSERT COLLED END OF FISHWIRE TOOL THROUGH HITCH MOUNTING HOLE IN VEHICLE FRAME RAIL AND OUT THE ACCESS HOLE. PASS COLLED END OF FISHWIRE THROUGH SPACER AND THREAD BOLT INTO COLL. KINK WIRE DOLT AS SHOWN. PULL FISHWIRE SPACER, AND BOLT AS SHOWN. PULL FISHWIRE TO GUIDE MOLT THROUGH SPACER AND NOT OUT MOUNTING AND PREVENT LOSS OF BOLT/ SPACER INSIDE FRAME RAIL. "YOTEI SOULDE FRAME RAIL." REVERSE PULL FISHWIRE ENLARGE HOLE TECHNIQUE ATTACH FISHWIRE TO CARRIAGE BOLT ACCES AND SLIDE SPACER ONTO FISHWIRE. PUSH THE BOLT THRU THE HOLE FOLLOWED BY THE SPACER (AS SHOWN). PULL BOLT BACK INTO 2 POSITION, PROTRUDING FROM THE FRAME. ICLES MAY FIS HWIRE THROUGH END OF FRAM ៙ ¢ 3 4 DRIVER SIDE FRAME RAIL ENLARGE HOLE **FISHWIRE 1ST** FISHWIRE 3RD FISHWIRE 2ND ٩ FRAME RAIL DESIGNED FOR USE WITH DIRECTION BALL MOUNT # D-20 / 45520 CENTER HOLE RUBBER ISOLATOR ENLARGEMENT DIAGRAM This technique can be used if an Exhaust Hanger Removal Pliers is not available. Using a 5/8" open end wrench, slide the Using a 5/8' open end wrench, side the wrench up to the rubber isolator, cradling the hanger rod as shown. Next place the flat edge of a pry bar between the wrench and the hanger stop or hanger rod. Then simply rotate the pry bar toward the wrench to remove the rubber isolator. HITCH WEIGHT: 43 LBS. INSTALL TIME: 30 MINUTES INSTALL NOTES: - LOWER EXHAUST Note: Using a spray lubricant or soapy water on the hanger rod and the rubber isolator helps removal. - ENLARGE HOLES (2) - FISHWIRE HARDWARE

## **INSTALLATION STEPS**

- 1) Lower exhaust by removing (4) rubber isolators. (See Rubber Isolator Removal Diagram.)
- 2) Enlarge center holes to allow spacer and carriage bolts to pass through. (See Hole Enlargement Diagram.)
- 3) Fishwire 1st and 2nd carriage bolts and spacers into position as shown. (Both sides; See Fishwire Technique.)
- 4) Reverse fishwire 3rd carriage bolt and spacer into center hole. (Both sides; See Reverse Pull Fishwire Technique.)
- 5) Raise hitch into position and attach using the hex flange nuts.
- 6) Torque all 1/2" hardware to 75 lb-ft.
- 7) Install rubber exhaust isolators 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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