

11114

## SATURN SKY REDLINE

12/7/2012

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.\*\*\*

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	1/2-13 x 1 1/2	CARRIAGE BOLT
2	4	CM-SP10	.250 x 1.00 x 2.50 SPACER
3	4	HFN 1213	HEX FLANGE NUT
4	2	1_2 FISHWIRE	1/2" FISHWIRE

## TOOLS REQUIRED

17/32" DRILL BIT  
 DRILL  
 3/4" SOCKET  
 10" EXTENSION  
 RATCHET  
 TORQUE WRENCH

REVERSE PULL FISHWIRE  
TECHNIQUE

ATTACH FISHWIRE TO CARRIAGE BOLT AND SLIDE SPACER ONTO FISHWIRE. PUSH THE BOLT THRU THE HOLE FOLLOWED BY THE SPACER (AS SHOWN). PULL BOLT BACK INTO POSITION, PROTRUDING FROM THE FRAME.

## FISHWIRE TECHNIQUE

INSERT COILED END OF FISHWIRE TOOL THROUGH HITCH MOUNTING HOLE IN VEHICLE FRAME RAIL AND OUT THE ACCESS HOLE. PASS COILED END OF FISHWIRE THROUGH SPACER AND THREAD BOLT INTO COIL. KINK WIRE TO KEEP SPACER SEPARATE FROM BOLT AS SHOWN. PULL FISHWIRE, SPACER, AND BOLT THROUGH FRAME AND OUT MOUNTING HOLE. USE FISHWIRE TO GUIDE HITCH DURING MOUNTING AND PREVENT LOSS OF BOLT / SPACER INSIDE FRAME RAIL.

\*\*NOTE: SOME VEHICLES MAY FISHWIRE THROUGH END OF FRAME\*\*

RUBBER ISOLATOR  
REMOVAL DIAGRAM

This technique can be used if an Exhaust Hanger Removal Pliers is not available.

Using a 5/8" open end wrench, slide 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.

Note: Using a spray lubricant or soapy water on the hanger rod and the rubber isolator helps removal.

PASSENGER SIDE  
FRAME RAIL

ACCESS HOLE

DRILLED HOLE  
(BOTH SIDES)

DRIVER SIDE  
FRAME RAIL

ACCESS HOLE

DESIGNED FOR USE WITH  
BALLMOUNT #55001 / 45501

HITCH WEIGHT: 26 LBS.  
 INSTALL TIME: 45 MINUTES  
 INSTALL NOTES:  
 - FISHWIRE HARDWARE  
 - DRILLING REQUIRED  
 - LOWER EXHAUST



## INSTALLATION STEPS

Note: Installation requires raising the hitch and the exhaust simultaneously. It is recommended to have two people install this hitch.

- 1) Lower the exhaust by removing (4) rubber isolators. (See Rubber Isolator Removal Diagram.) Be sure to support the weight of the exhaust.
- 2) Raise the hitch into place and position the back edges of the rearmost slots so they line up with the back edges of the access holes. Mark the centers of the forward slots on the frame rails and lower the hitch.
- 3) Drill 17/32" holes in the locations marked in Step 2.
- 4) Fishwire a CM-SP10 spacer and a 1/2-13 carriage bolt thru the access holes in the frame rails and into each hole drilled in Step 3. (See "Fishwire Technique" above.)
- 5) Reverse fishwire a CM-SP10 spacer and a 1/2-13 carriage bolt into each of the access holes in the frame rails. (See "Reverse Pull Fishwire Technique" above.)
- 6) Carefully raise the hitch and exhaust into position. Loosely secure the hitch using the hex flange nuts as shown. Reinstall rubber exhaust isolators removed in Step 1.
- 7) Torque all 1/2-13 fasteners to 110 lb-ft.

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

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