



INSTALLATION INSTRUCTIONS

Accessory

40 INCH LED LIGHT BAR
P/N 0SV31-HL6-A00

Application

SXS1000S2X
SXS1000S2R

Publication No.

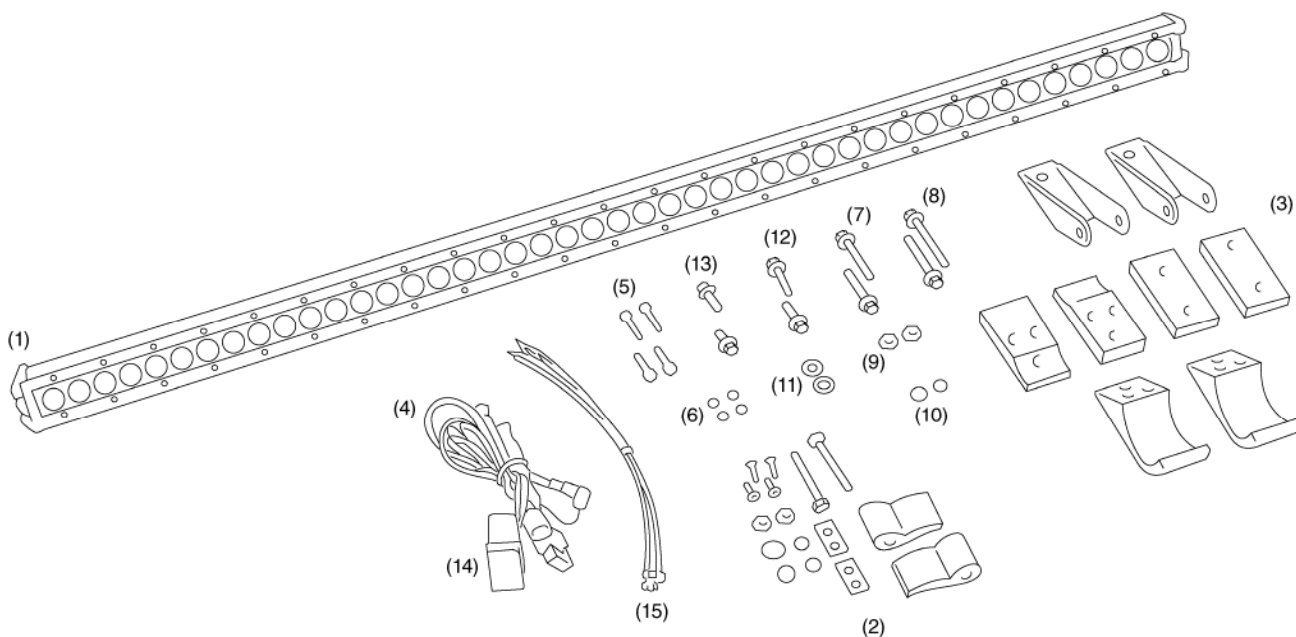
MII 16561

Issue Date

March 2019

Honda Dealer: Please give a copy of these instructions to your customer.

PARTS LIST

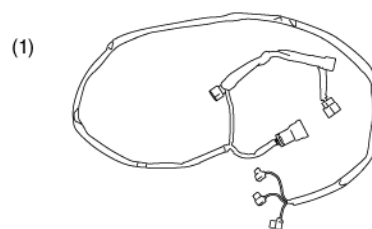


No.	Description	Qty
(1)	40 Inch light bar	1
(2)	Light bar mounts	2
(3)	Light bar tube clamp assembly	2
(4)	Light bar harness	1
(5)	6 × 22 mm Socket screw	4
(6)	6 mm Lock washer	4
(7)	8 × 40 mm flange bolt	2
(8)	8 × 50 mm flange bolt	2
(9)	8 mm Nut	2
(10)	8 mm Lock washer	2
(11)	8 mm flat washer	2
(12)	8 × 15 mm flange bolt	2
(13)	8 × 25 mm flange bolt	2
(14)	Switch	1
(15)	Wire tie	12

ACCESSORY SUB-HARNESS

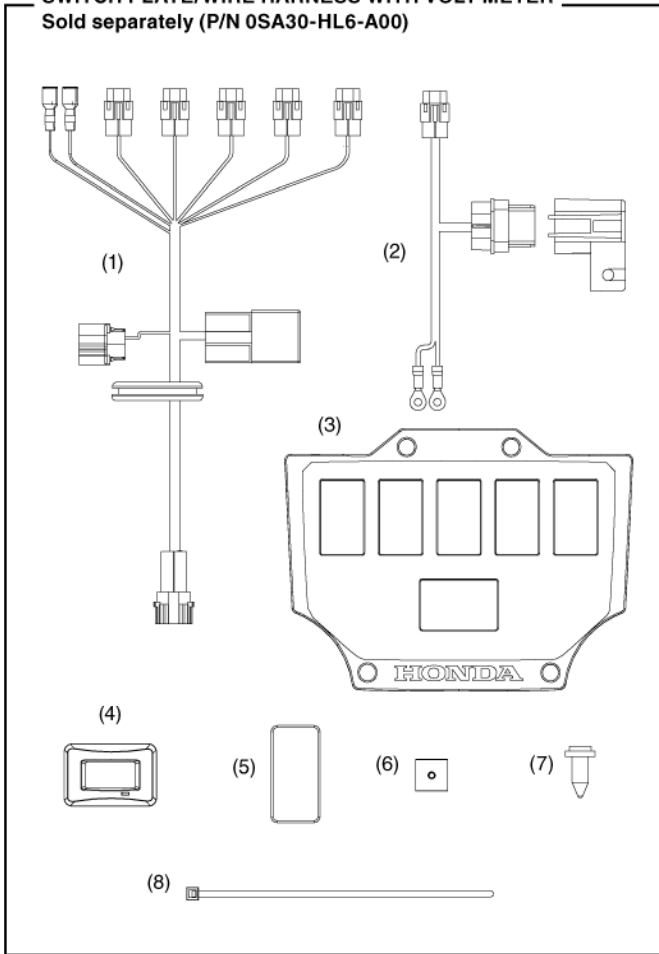
Sold separately (P/N 0SZ08-HL6-A00)

*not needed if Honda Winch installed



No.	Description	Qty
(1)	Accessory sub-harness	1

SWITCH PLATE/WIRE HARNESS WITH VOLT METER
Sold separately (P/N 0SA30-HL6-A00)



No.	Description	Qty
(1)	Main harness	1
(2)	Battery terminal harness	1
(3)	Switch cover	1
(4)	Voltmeter	1
(5)	Blank plate	4
(6)	Drill stop	1
(7)	Trim clip	4
(8)	Cable tie	8

TOOLS AND SUPPLIES REQUIRED

Open end wrench 13 mm

Socket 13 mm

Hex wrench 5 mm

Hex wrench 3 mm

Drill Bit 21/64 inch

TORQUE CHART

Tighten all screws, bolts, and nuts to their specified torque values. Refer to the Service Manual for the torque values of the removed parts.

Item	N·m	kgf·m	lbf·ft
6 x 22 mm Socket screw	10	1.2	7.4
8 x 40 mm Bolt	24.5	2.5	18
8 x 50 mm Bolt	24.5	2.5	18
8 x 15 mm Bolt	24.5	2.5	18
8 x 25 mm Bolt	24.5	2.5	18

USE AND CARE INFORMATION

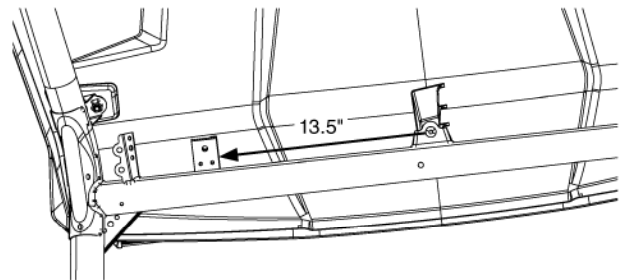
- Check the accessory mounts frequently and retighten if necessary.
- When this accessory becomes dirty, rinse it thoroughly with cool water to remove loose dirt, and then wash with warm, soapy water and a clean cloth or sponge. Do not use a brush to clean this accessory as it may scratch the surface.
- Never use petroleum solvents such as gasoline, thinner and benzine to clean this accessory. Also do not use acid or alkaline cleaners.

INSTALLATION

⚠ CAUTION

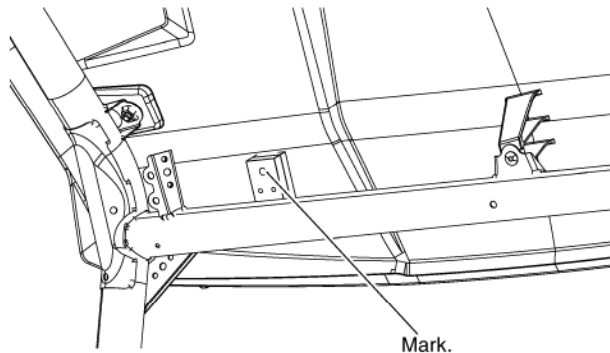
- To prevent burns, allow the engine, exhaust system, radiator, etc., to cool before installing the accessory.

1. Place the edge of clamp "C" 13.5 inches left of the roof center mount as shown.



2. With the top of clamp "C" against the underside of the roof, mark the roof through the hole shown. (It maybe helpful to place spacer "B" on top of clamp "C" to take up the gap)

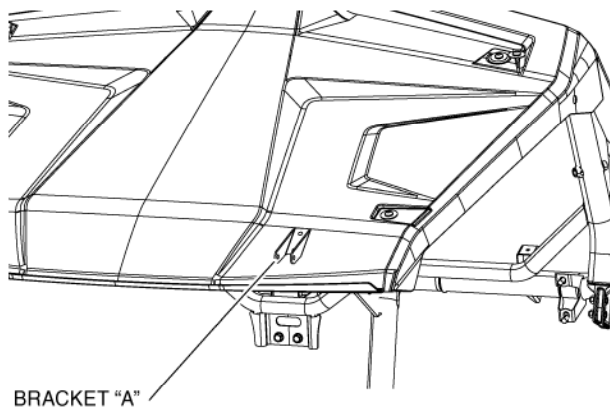
Remove clamp "C" and drill a 21/64" hole at the marked point on the roof. Repeat step one and step two for the other side.



3. Place bracket "A" on the roof and line up its rearmost hole with the hole that was drilled in step two.

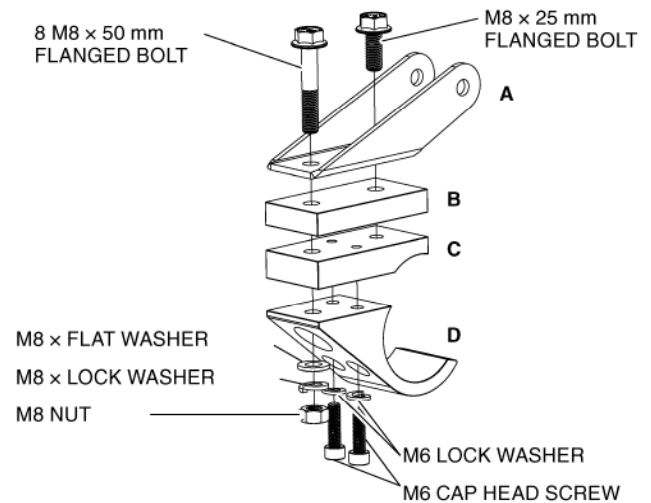
Temporarily install an 8 mm bolt through the roof then install clamp "C" on the other end of the bolt. Make sure bracket "A" is centered over clamp "C."

Mark the roof through the front hole of bracket "A" then drill a 21/64" hole through the marked point on the roof.

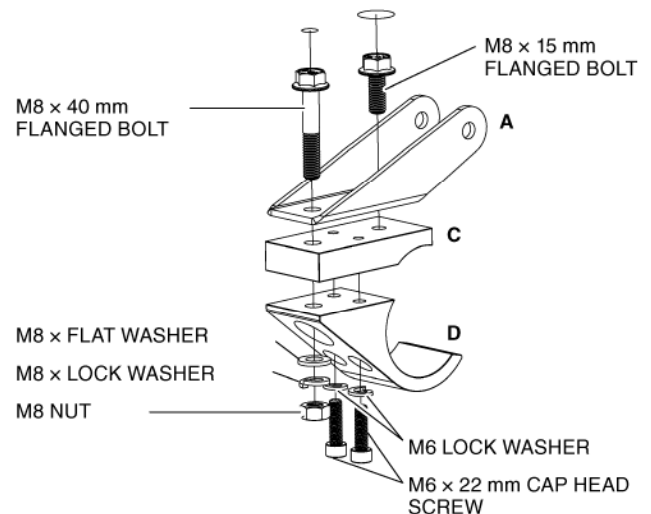


4. Use the supplied hardware shown to bolt the clamp assembly together. Choose the correct assembly for use with either the original roof or the aluminum roof. Position the roof between bracket "A" and spacer "B" if using a original roof, or between "A" and "C" if using the aluminum roof.

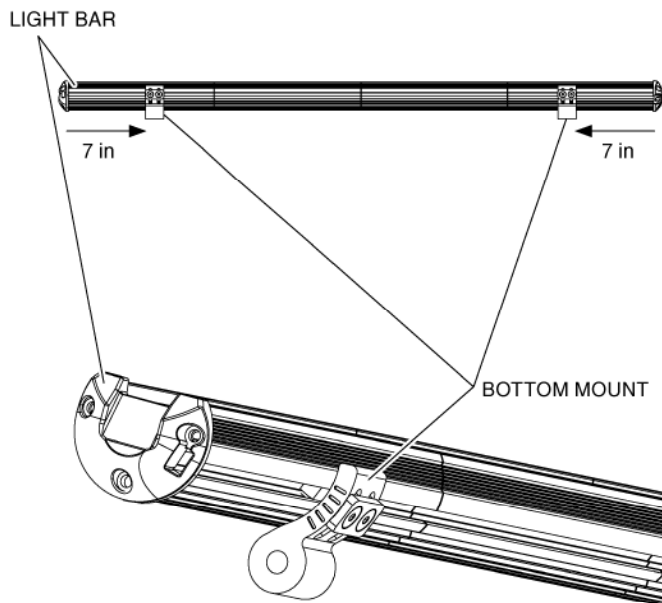
Original Roof Configuration



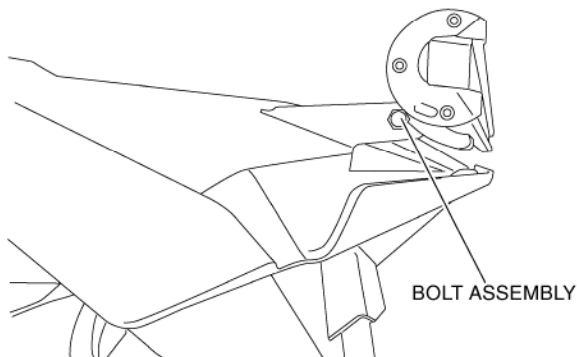
Aluminum Roof Configuration



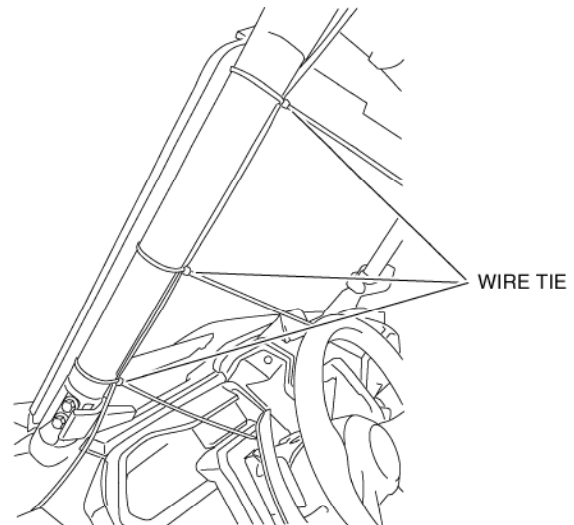
5. Loosely install the bottom mounts onto the light bar seven inches inboard from each end as shown.



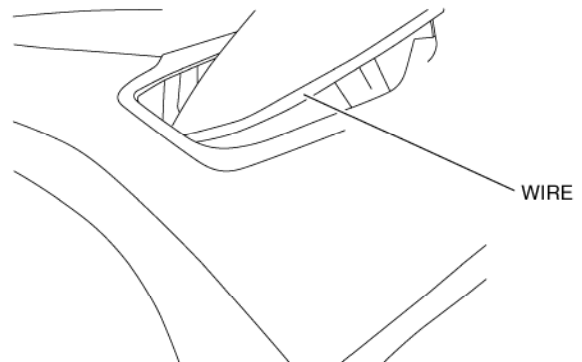
6. Install one 8 mm flat washer onto an 8 mm x 50 mm bolt. Mount the light bar to bracket "A" using the bolt and washer. Secure the assembly by installing one 8 mm lock washer and one 8 mm nut on the other end of the bolt. Tighten to the specification on the torque chart.



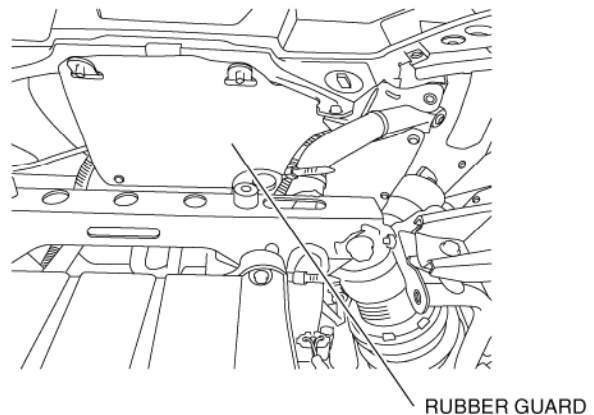
7. Route the wire from the light bar down the OPS bar. Use the supplied wire ties to secure it.



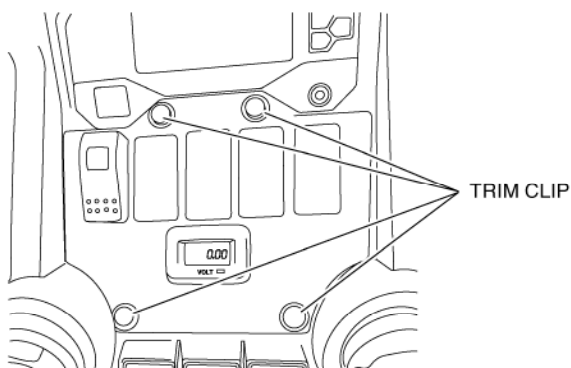
8. Route the light bar wire through the gap in the body that the OPS bar goes through.



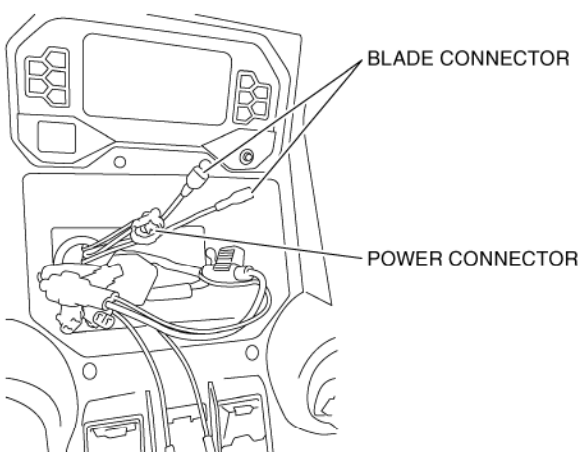
9. Remove the hood and pull back the rubber guard to access the back of the instrument panel.



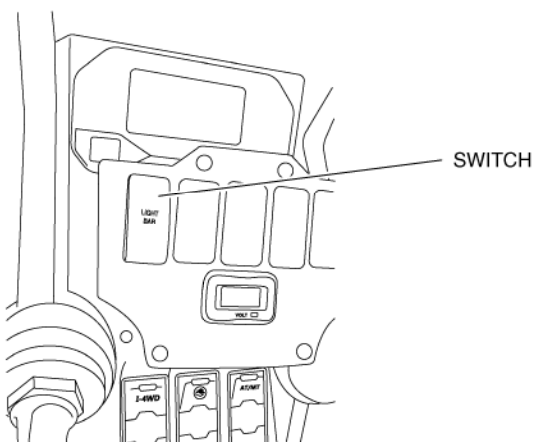
10. Remove the four trim clips and switch plate as shown.



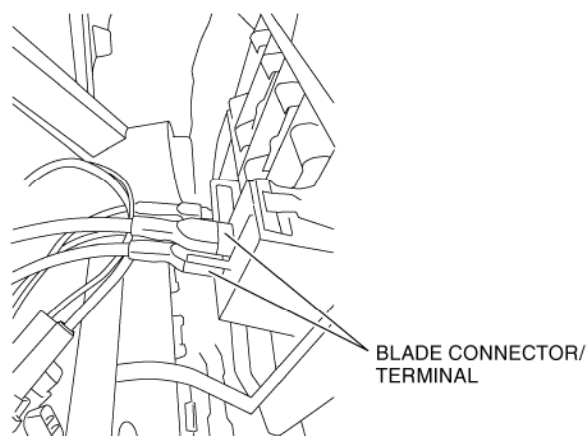
11. Pull the blade connectors and power connector of the light bar harness through the large grommet into the backside of the instrument panel as shown.



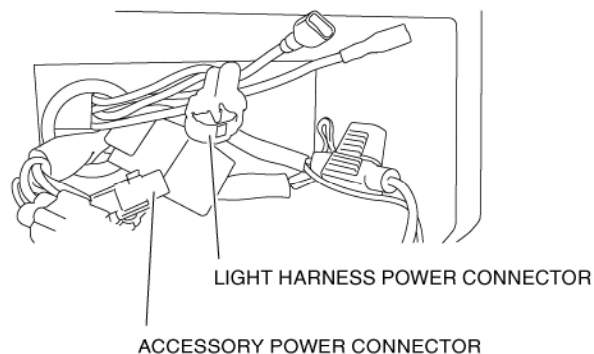
12. Remove an available switch blank then install the supplied switch.



13. Connect the light bar harness blade connectors to the switch terminals as shown.

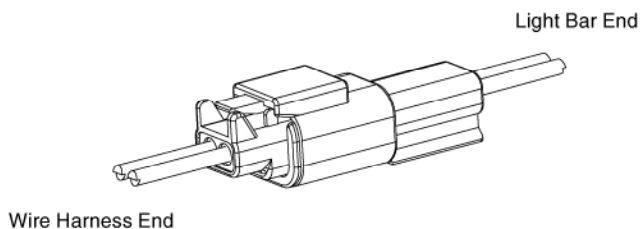


14. Connect the light bar harness power connector to one of the open accessory power connectors in the instrument panel pocket.

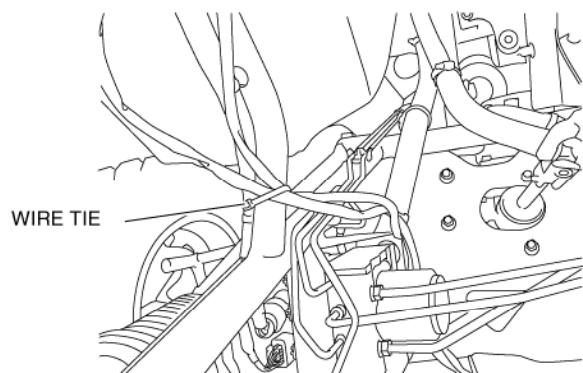


15. Reinstall the switch plate and trim clips.

16. Connect the light bar to the light bar wire harness.



17. Use the supplied wire tie to secure the wire harness to the cab frame at the position shown.



18. Reinstall the rubber guard and hood.