

SS 720-WST2021 49X Mirror Mounted Antenna Ground

Applicable Vehicles

49X vehicles with mirror mounted antenna.

Symptoms

CB radio and or AM/FM radio difficult to hear incoming audible, cuts out.

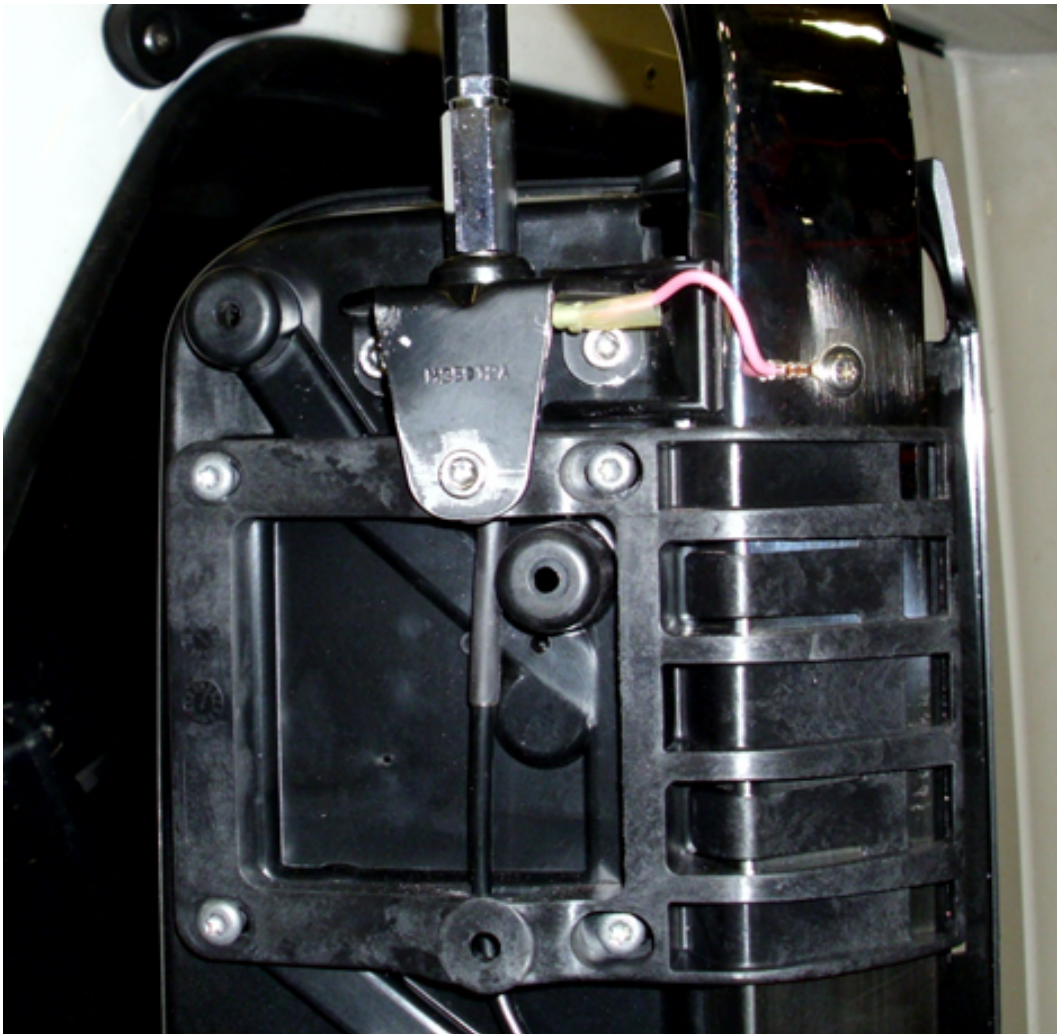
Issue

No ground path wiring for mirror mounted antenna.

Solution

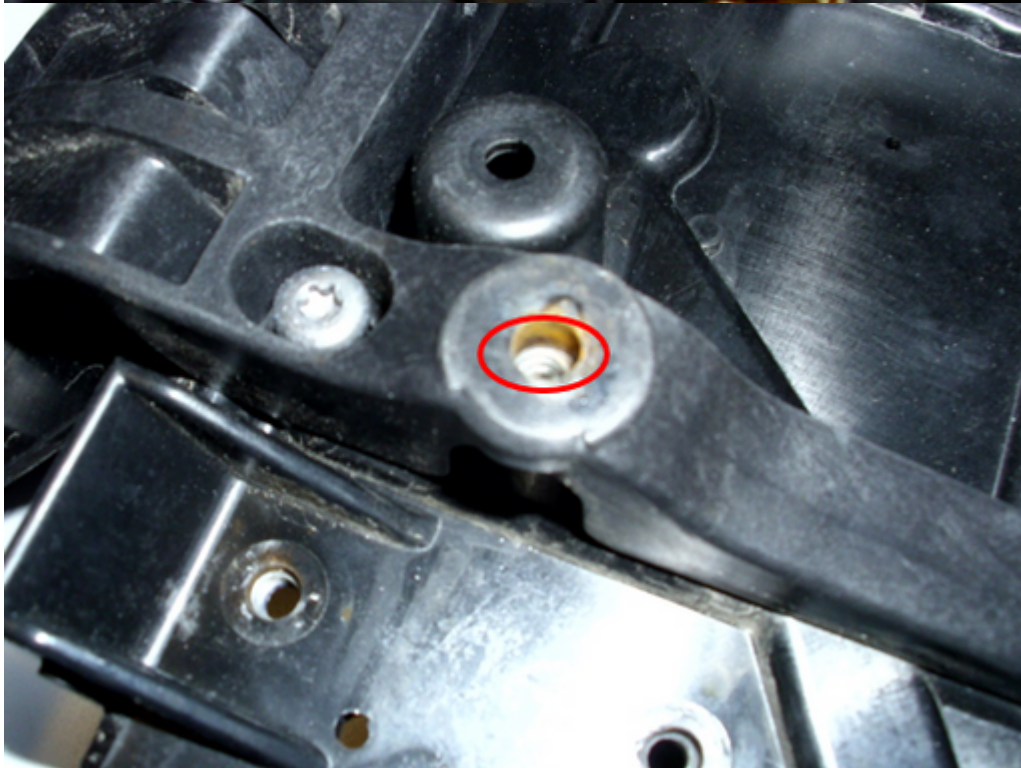
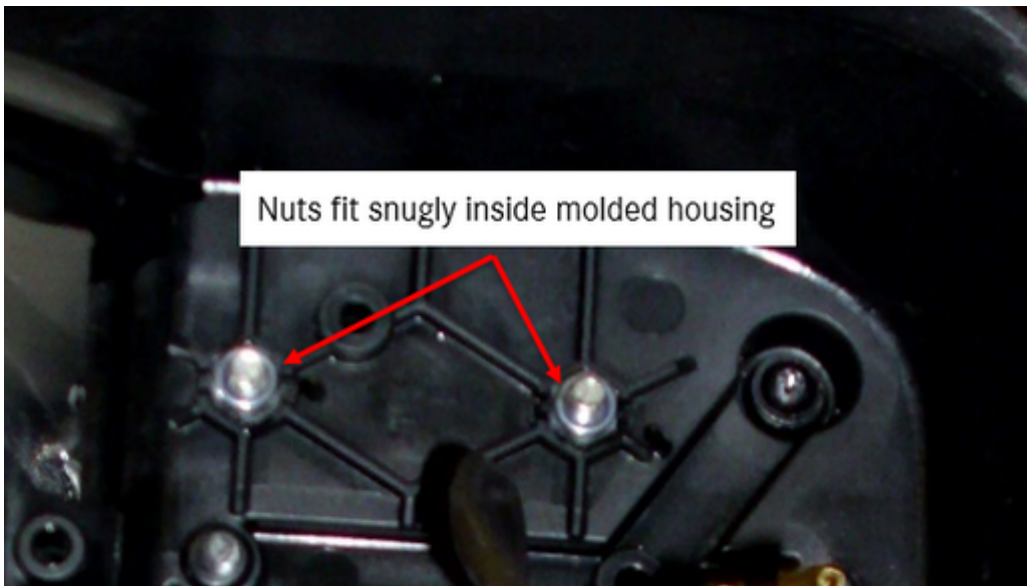
Install grounding solutions per instructions below:

Ground wire directly to antenna cable



Remove antenna bracket

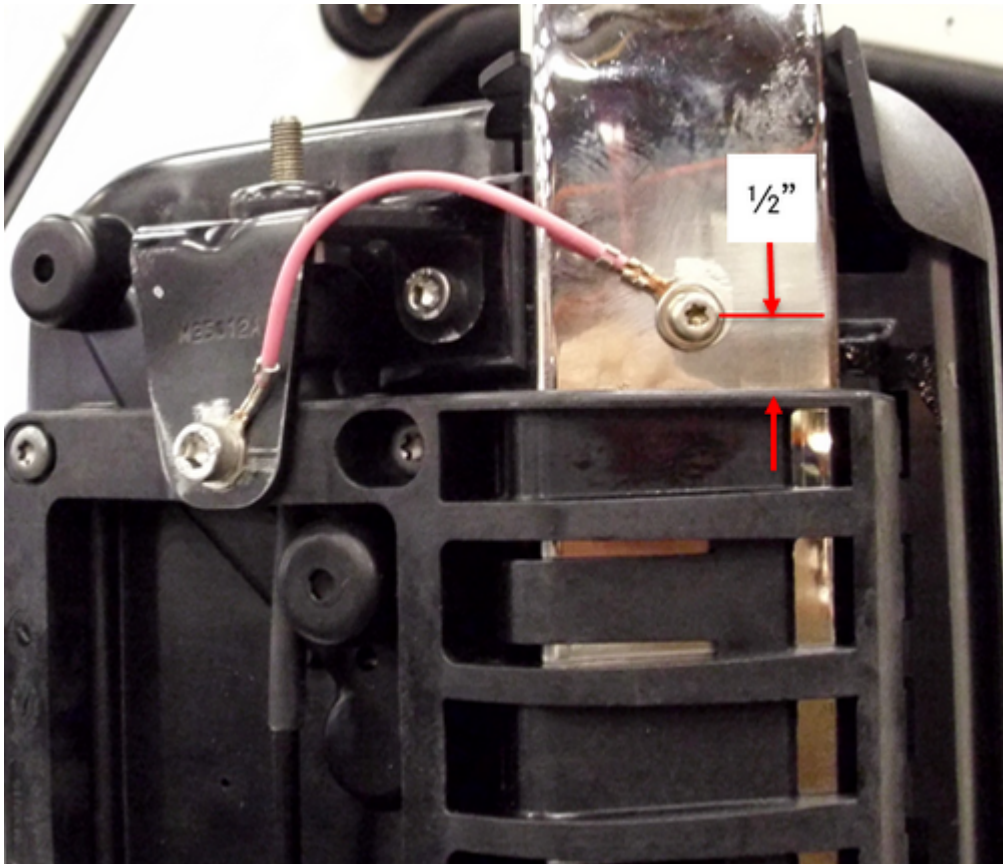
1. Remove screws (3, xx hex bit)
2. Lock nuts holding screws held captive by housing/clamp



Drill and tap mirror arm

1. #8 recommended, #10, M4, M5, M6 good
2. Locate hole about 1/2 inch from top of upper housing clamp (a.k.a. "bear claw")

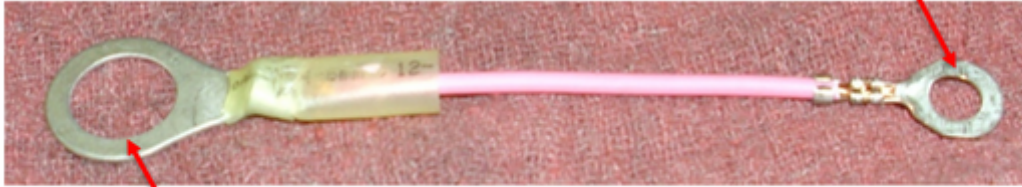
3. Remove paint locally (if applicable)



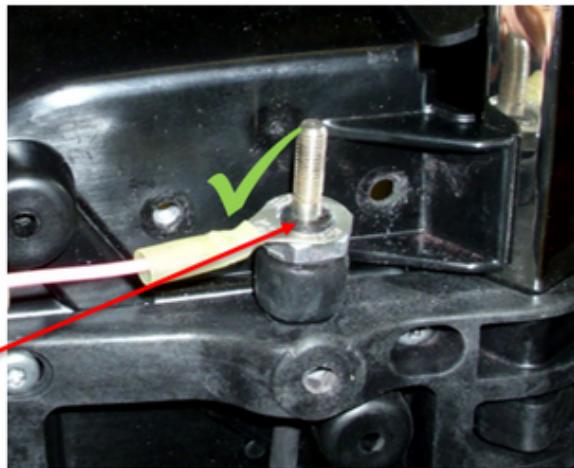
Ground wire directly to antenna cable

1. Use 14 ga or larger wire
2. 3 inches/75mm length
3. Crimp eyelets to each end
4. Place large eyelet between cable and antenna bracket
5. Align eyelet to prevent contact with stud

EYELET ID FOR #8, #10, ¼ -20,
M6, OR EQUIVALENT FASTENER



0.5" ID MINIMUM FOR
CLEARANCE AROUND
ANTENNA STUD ISOLATOR

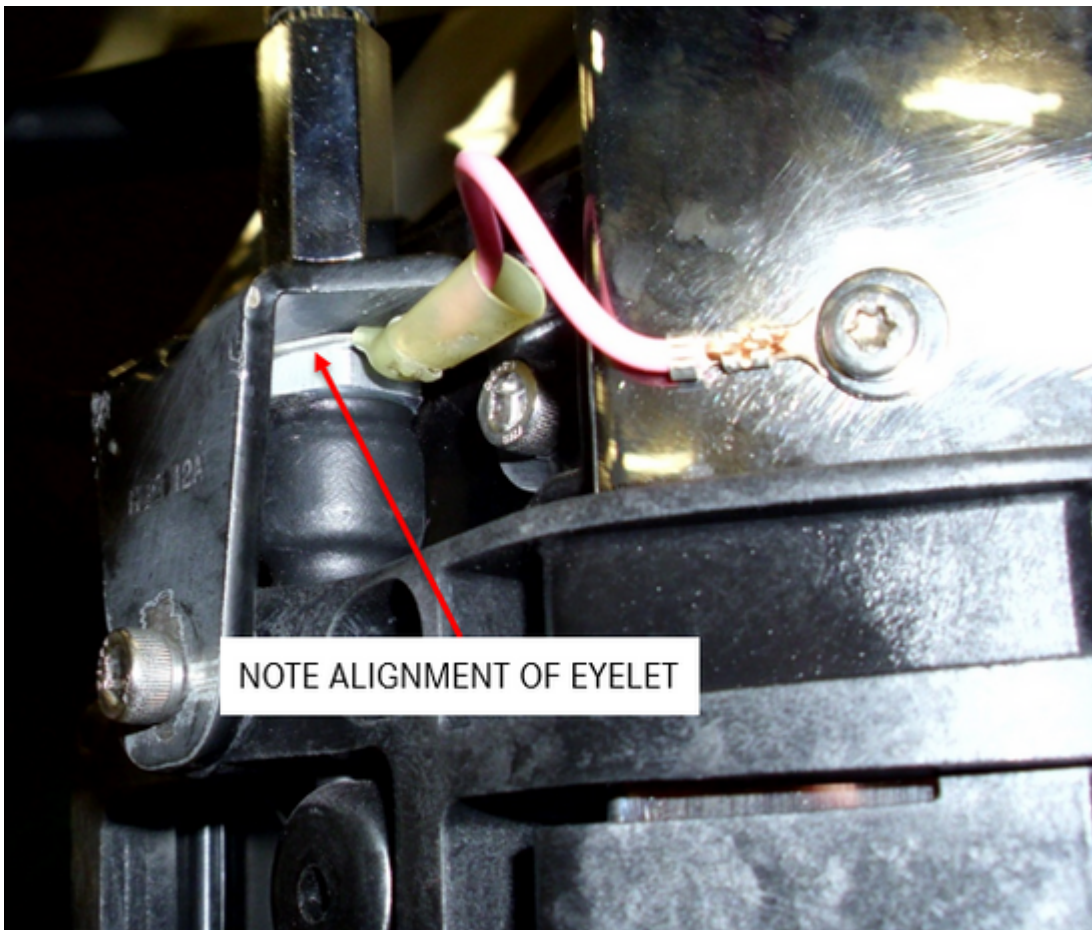


ANTENNA STUD ISOLATOR



Reassemble antenna bracket and cable to housing

Ground wire directly to antenna cable



If no continuity to mounting bolt from jumper wire add jumper through lower mounting

1. 1.14 ga or 16 ga wire, 8 inches total length
2. 3/16" or 1/4" ring terminals on each end
3. Drill/tap mirror and attach as shown:



Labels :

49X

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 1 Kudo

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