



INSTALLATION INSTRUCTIONS
STILLEN Grounding Kit
350Z/G35/FX35

Materials supplied:

1. 3 Grounding cable assemblies
2. 5 6" cable ties
3. 1 M8x16mm FHCS
4. 1 M6x10mm FHCS
5. 2 M6x16mm FHCS

Equipment needed:

1. +,- Screwdriver
2. Assorted pliers/wrenches
3. Assorted sockets/ratchets



WARNING:

IF YOU ARE NOT EXPERIENCED IN THE AREA OF AUTOMOTIVE MECHANICS WE STRONGLY URGE THAT YOU REFER THIS INSTALLATION TO YOUR MECHANIC.

Installation:

1. Disconnect negative terminal of battery. Remove strut tower brace and decorative engine cover.
2. Remove throttle body to mass air flow tube. This is necessary to install left side of harness.
3. Beginning with **HARNES 1**, install the terminal with the 2 cables at the factory installed ground point on the left inner fender tower (Fig. 1). Make sure the longer of the two remaining cables (small terminal) face towards front of engine and the shorter (large terminal) faces the rear.
4. Looking further back on left side of the engine you will see a gold colored brace bolted to the back of the engine (Fig. 2). This is where the large terminal will be attached. Using the M8x16mm FHCS install the large terminal onto the forward hole of the bracket. This is a tight squeeze, have patience! Make sure the grounding cable is clear of the exhaust manifold.
5. With the remaining terminal, route around the front corner of engine towards center of timing chain cover (Fig. 3). There is a 6mm boss above and slightly to the right of the rectangular hole in the timing case cover. Route the cable towards it, but do not attach yet. There will be two more cables routed to that point later.
6. On **HARNES 2**, find the longest cable on the assembly. This will be the cable that is routed to your battery. Route the cable along the large wire loom that runs up the fender and into the battery box. The harness is surrounded by a grommet; the cable can be squeezed through here. Go ahead and attach the battery cable at this time. (Fig. 4)

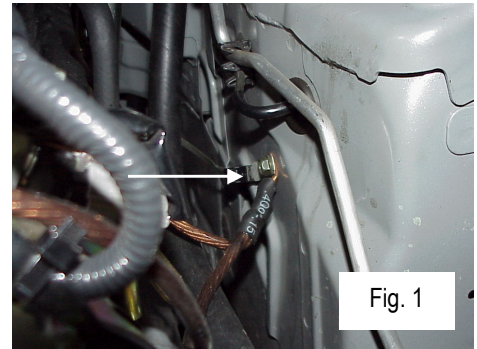


Fig. 1

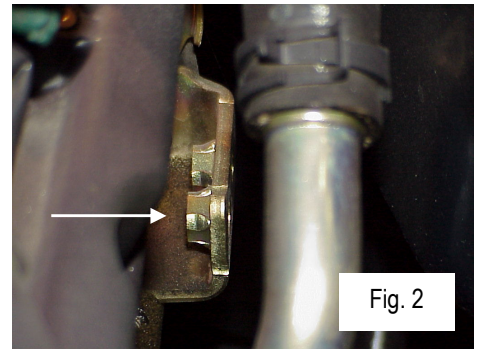


Fig. 2

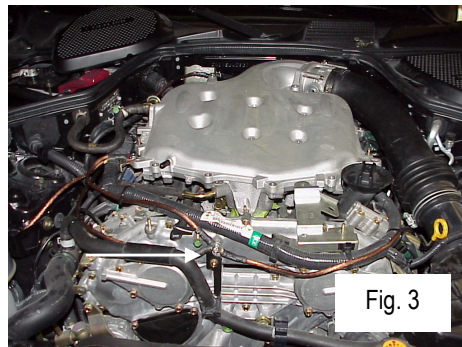


Fig. 3

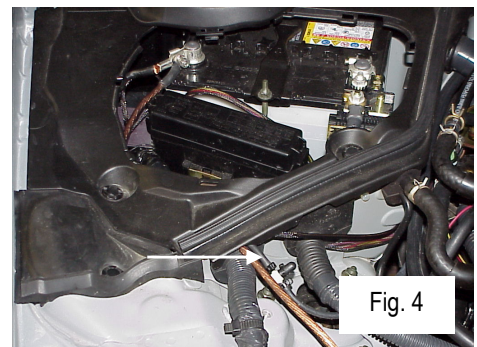
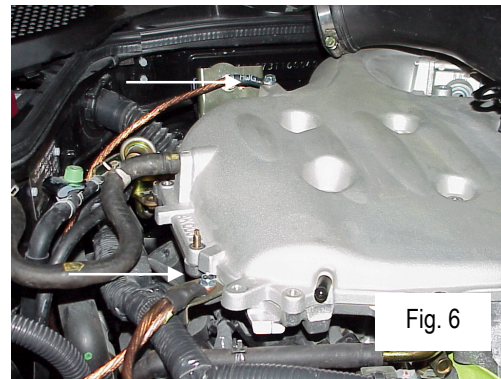
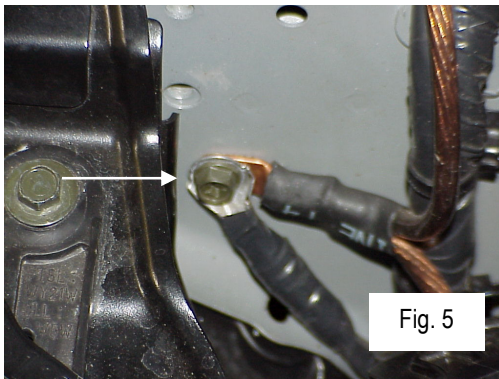


Fig. 4

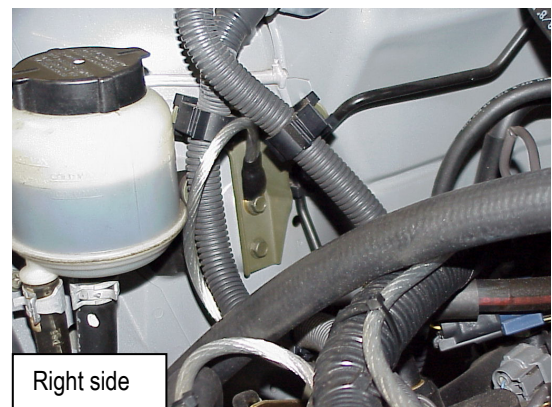
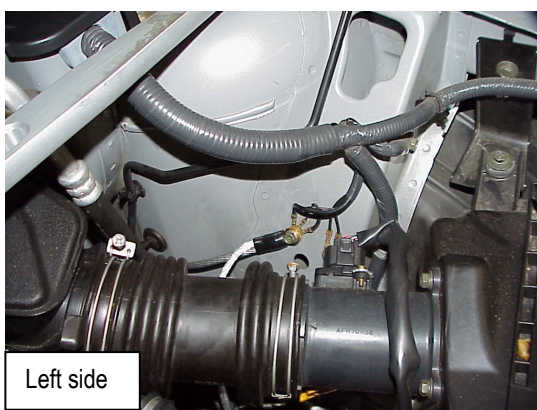


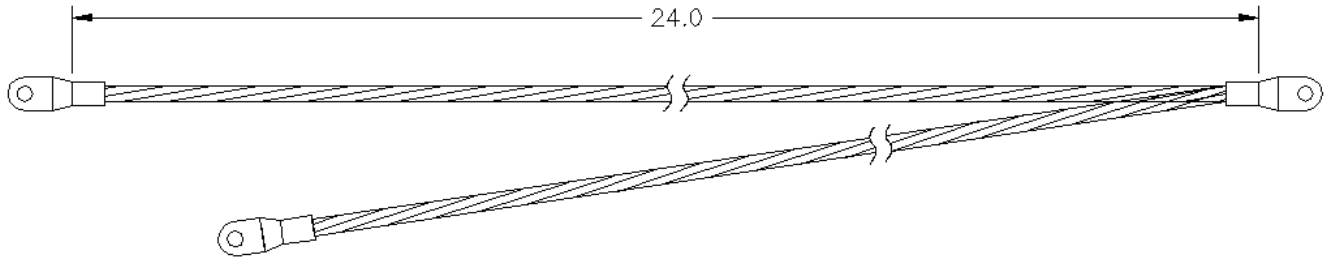
7. Next, find the terminal with 2 cables attached (Fig. 5). You want the one that is closest to the battery end you just installed. This terminal will go with the factory installed ground point on the right front inner fender. It is located directly below the hood switch, which you will have to remove for access to the ground. The hood switch is removed in the picture to show the ground point. Install the cable with the factory bolt as shown, reinstall the hood switch.
8. The next terminal also has a double cable. This one will install on the right forward edge of the intake plenum (Fig. 6). There is an engine loom bracket that is attached at the boss you will be using. Attach the terminal using one of the supplied M6x16mmFHCS. Route the remaining cable around the right front corner of the engine to the location on the front of the timing cover.
9. **HARNES 3** will be attaching at rear of upper intake plenum (Fig. 6). Using the supplied M6x10mmFHCS, attach the cable to the boss on the back of the upper plenum. Route the other end to the spot pointed out earlier on the front of the timing case cover. Now secure all three cables at that point with the supplied M6x16mmFHCS. Ensure your routing is free of moving and hot engine parts and secure with the supplied cable ties. Reinstall the engine cover and strut tower brace and you are done!



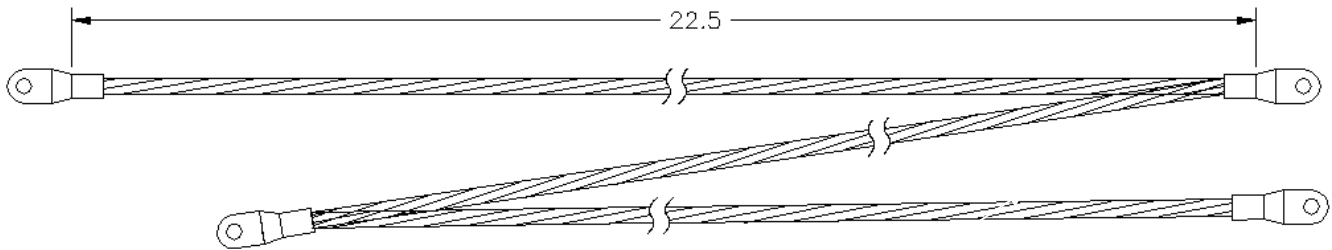
Note for FX-35 Customers:

Owners of FX-35 vehicles will have a slightly different procedure. The right and left ground points on the vehicle chassis will be different. Refer to the pictures below for the proper mounting points for your kit. The rest of the installation will follow the instructions above.

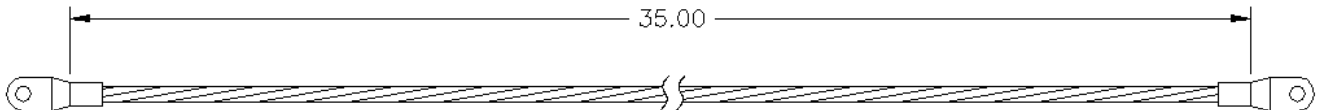




HARNESS 1 (Steps 3-5)



HARNESS 2 (Steps 6-8)



HARNESS 3 (Step 9)