

## Installation of Remote Keyless Entry for your Fiero (part # 38EG2164Y - Model 2RT)

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These instructions pertain specifically to Remote Keyless System kit, **part # 38EG2164Y** from [J.C. Whitney](#) (**Model 2RT**)

Refer to the Operation and Installation Instructions that came with your kit: Fig. 1, Fig. 3P, the Wiring Diagram, and the diagram headed "Positive Trigger Trunk Release" apply to the Fiero.

**Step 1.** Carry out the directions in Fig. 1, with reference to the Wiring Diagram.

**Step 2.** The following wires connected to the Receiver Module plug are not used: WHITE, BROWN, GRAY, BLUE, BLUE JACK, RED JACK.

**Step 3.** If you have power trunk release, wire the PEI relay cube as shown in the "Positive Trigger Trunk Release" diagram. The 2RT ORANGE Wire comes from the Receiver Module. The 12 volt positive connection comes from the Red Constant 12V(+) wire from the Receiver Module. The PEI 12 volt positive wire can be spliced into the RED-CONSTANT 12V (+) wire when carrying out the directions in Step 1. We will deal with the "Trunk Release Wire" later. The PEI relay can be mounted on the Receiver Module with electrical tape, or a plastic wire tie. This will keep wired components together.

**Step 4.** Refer to Fig. 3P. The 2RT YELLOW WIRE and 2RT GREEN WIRE come from the Receiver Module. The following wires from the Receiver Module will be connected to the Fiero wiring under the passenger side dash: RED-CONSTANT 12V(+), BLACK-CHASSIS GROUND(-), GREEN-DOOR LOCK, YELLOW-DOOR LOCK, BLACK-RFANTENNA. It is not necessary to remove door panels or door lock switches. All wires are accessible under the dash. Before you begin connecting wires from the Receiver Module to Fiero wiring, it is recommended that you disconnect the negative battery cable. This will avoid unpleasant surprises. Note: If you have a sub-woofer stereo system, it will be necessary to remove it from beneath the passenger side of the dash, to have access to the Fiero wiring.

**Step 5.** Refer to Figure D - RH Shroud. (This diagram applies to all model years.) Two connectors plug into the DOOR-LOCK RELAY ASSEMBLY as shown. CONNECTOR C1 has 3 wires: TAN, GRAY, and ORANGE/BLACK STRIPE. CONNECTOR C2 has a BLACK and a BLUE wire.

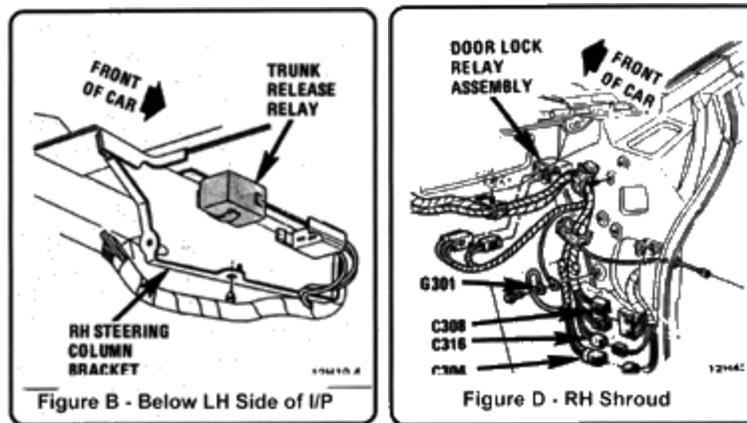
**Step 6.** Refer to Step 5. Connect the 2RT YELLOW WIRE to the CONNECTOR C2 BLUE WIRE, and the 2RT GREEN WIRE to the BLACK WIRE of CONNECTOR C2. Connect the RED-CONSTANT 12V(+) wire to the ORANGE/BLACK STRIPE wire of CONNECTOR C1.

**Step 7.** Note that in Figure D, G301 is a ground connection. Loosen the bolt and connect the 2RT BLACK-CHASSIS GROUND(-) wire here. There is also a 2RT BLACK RF ANTENNA wire. Be sure to use the BLACK GROUND WIRE.

**Step 8.** Refer to Figure B - BELOW LH SIDE OF I/P. The TRUNK RELEASE RELAY is located under the instrument panel on the R.H. side of the Steering Column Support. Connect a wire from terminal 87 of the PEI relay (TRUNK RELEASE WIRE, refer to Step 3) to the GREY/BLACK STRIPE wire of the TRUNK RELEASE RELAY. To aid in recognition of the trunk release relay, the connector has three wires: Grey/Black, Black/white, and Tan/White.

**Note:** 1984 Fieros did not have a TRUNK RELEASE RELAY. For 1984 Fieros, connect a wire from terminal 87 of the PEI Relay to a BLACK wire coming from the TRUNK RELEASE SWITCH in the dash.

Finally, you are done. Connect your negative battery cable and see if it passes the smoke test.



### General Instructions -

The 2RT Receiver Module can be mounted to the passenger side carpet with Velcro, up under the dash in a location where it will not be disturbed by the passenger. The antenna is laid horizontal and tucked behind the carpet. Tape or tie loose wires into a neat bundle and tuck under the carpet.

A few special tools will make this job easier: electrical wire cutter, electrical wire stripper, electrical crimp connector, pliers, electrical tape, crimp connectors.

It is not necessary to solder connections. Crimp connectors are adequate, and are available at any good hardware department. There are also connectors available which do not require cutting Fiero wires to splice in 2RT wires. These are desirable since they have minimal disturbance of the Fiero wiring. The major challenge of this project is to correct the wires correctly and make sure you have good electrical contact.

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