

*Cap 470uF Rev Radio
Diode 1N4001
Fuse 2A Pico Fuse
Molex M Pin*

January 3, 2007

70-2271A
Titan High Power Ignition Sense Kit
Installation Instructions

The purpose of the ignition sense kit is to cause the radio power on/off condition to follow the ignition on/off condition. This will prevent the radio from discharging the vehicle battery while the ignition is off. When the radio power is cycled by the ignition sense circuit the operating status (scan list, selected channel, etc.) of the radio will be that which was in effect when the power was last cycled by use of the front panel power switch.

INSTALLATION

1. Remove the bottom cover from the radio.
Refer to the service manual for the following parts location.
2. Remove the microprocessor shield.
3. Locate and remove R268, 0 ohm AUX 2 jumper (if installed).
4. Locate and remove F201 (fuse). Remove the solder from the PCB holes.
5. Remove the RED wire from the J206 connector, pin 6. This wire is connected to pin 8 on the accessory connector and is used for the ignition input.
6. Prepare the negative lead on the 470 uF capacitor so that it can be connected to the PCB pad of pin 7 on J202 and so that the cap. will be located horizontally above the PCB.
7. Prepare the new fuse for installation by bending each of the leads at a 90 deg angle away from the fuse body. Trim the leads to be about 1/4" in length.
8. Solder one of the fuse leads into the fuse output location on the PCB.
9. Trim the diode leads to 1/4".
10. Solder the cathode lead of the diode to the free lead on the fuse.
11. Solder the RED wire removed from J206 pin 6 to the anode end of the added diode.
12. Solder the positive lead of the added capacitor to the junction of the diode anode and the red wire.
13. Using the wrap secure the added components so that short circuits will not occur.
14. Attach the male Molex pin to the 6 meter length of yellow wire.
15. Insert the Molex pin into the pin 8 location on the accessory plug.
15. Test for proper operation then reinstall the radio cover.

When installing the unit into the vehicle the yellow wire should be connected to a point in the fuse block that is switched on/off by the ignition. If it is desired the radio operate while the ignition switch is at the accessory position then an appropriate connection point should be used.

Step 5 --
Remove red
wire at J206.

Step 6 -- J202
pin 7 PCB
pad.

Step 4 --
Remove F201.

Step 3 -- Make
sure R268 is
removed.

