

Clarion

PSWFF150 Camouflage Powered Subwoofer

Ford -F150

Fits 97-2000 Ford F-150's without floor shifters

PREPARATION

Parts list

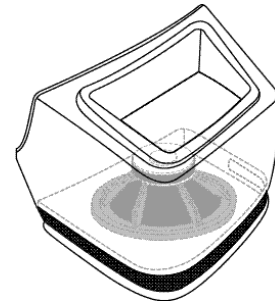
(Qty) Component

Preassembled

- (1) roto-molded subwoofer enclosure
- (1) 8"; 2 ohm subwoofer
- (1) 100W class "D" amplifier
- (1) grille

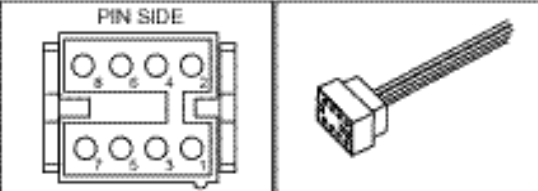
Loose Components

- (1) 3' wire harness w/ pigtail style connector
- (1) carpet for tray
- (2) mounting brackets
- (4) 3/4" pilot point screws
- (2) 1" self tapping screws
- (1) 1/2" self tapping screw
- (1) star washer
- (2) leveling feet
- (4) hex-nuts



WIRING:

1	Green	Left + Speaker Level Input
2	Violet/Blk	Right - Speaker Level Input
3	Green/Blk	Left - Speaker Level Input
4	Violet	Right + Speaker Level Input
5	Blank	Not Used
6	Black	Chassis Ground
7	Blue	Amplifier Turn-on Lead
8	Yellow	+ 12V Constant



Note: Installer MUST disconnect speaker-input leads to amplifier when using line-level input

OVERVIEW

The Clarion Camouflage subwoofer system provides for the installation of a low frequency driver in an enclosure which is powered by a small low current, high power class "D" (Digital) amplifier. The advantage to using this type of amplifier is in the low current consumption of the amplifier at high power levels. The class "D" amplifier provided with this system will produce a rated 100W into a 2 ohm load. The woofer supplied with this system uses a voice coil with rated impedance of 2 ohms, and therefore is not considered a standard woofer. Replacing the woofer with any driver having an impedance greater than 2 ohms will yield lower power output from the amplifier, and is not recommended.

PROCEDURE

Proper installation of this product requires proper tools and knowledge of car audio principles. If you are not comfortable performing any of the outlined tasks below, contact a professional installation facility to perform the work.

OUTLINE

- Remove the head unit.
- Connect the Clarion "T" harness between the radio and factory wiring and route the harness extension to rear passenger side of the vehicle.
- Remove rear quarter trim panel.
- Install subwoofer enclosure.
- Test subwoofer enclosure and head unit functions (fade, balance, dim, etc.).
- Adjust subwoofer gain.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS.

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

1a. WIRING USING A CLARION "T" HARNESS

There are 2 methods to connect this product to the vehicle. Please refer to section 1a and 1b for each.

• STEP 1:

Remove the Radio.

• STEP 2:

Connect the "T" Harness.

- Unplug factory wires from radio.
- Plug the "T" harness in line with the radio wiring. SEE DIAGRAM 1.
- Connect the BLACK wire on "T" harness to radio chassis.

• STEP 3:

Route the wire harness from the radio to the rear passenger side of the vehicle.

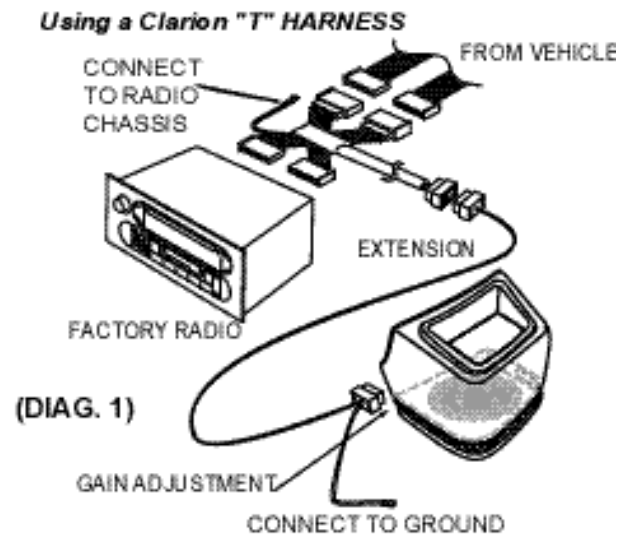
•STEP 4:

Connect the amplifier ground wire to a clean chassis ground near the subwoofer enclosure.

STEP 5:

TEST and SET the GAIN.

- Turn on the system and be sure all speakers are working properly.
- Set the subwoofer amplifier gain to a suitable level.



1b. WIRING USING THE SUPPLIED HARNESS

• STEP 1:

Remove the Radio.

• STEP 2:

Connect the wires.

- | | |
|---------------|---|
| Yellow: | Connect to Constant 12V Power |
| Black: | Connect to Radio Ground or Chassis |
| Blue: | Connect to Amp/Antenna Turn-on Lead |
| Green: | Connect to Left Rear Speaker (+) Positive Lead |
| Green/Black: | Connect to Left Rear Speaker (-) Negative Lead |
| Violet: | Connect to Right Rear Speaker (+) Positive Lead |
| Violet/Black: | Connect to Right Rear Speaker (-) Negative Lead |

• STEP 3:

Route the wire harness from the radio to the rear passenger side of the vehicle.

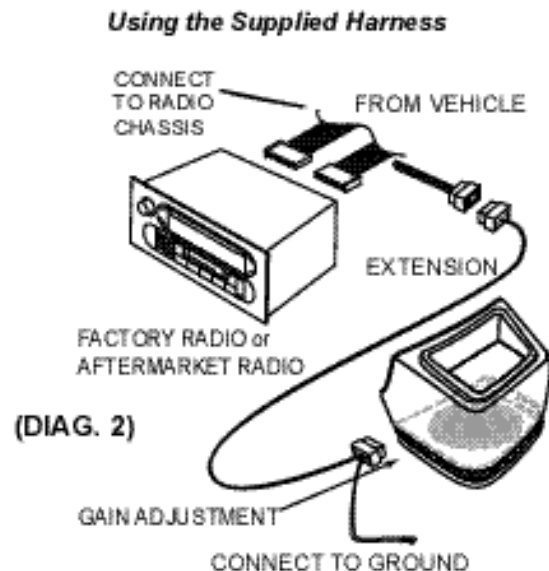
•STEP 4:

Connect the amplifier ground wire to a clean chassis ground near the subwoofer enclosure.

STEP 5:

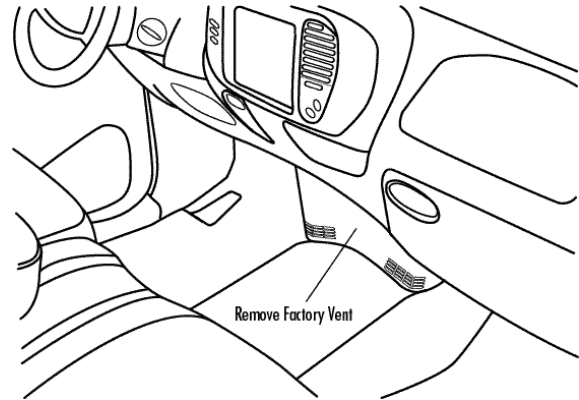
TEST and SET the GAIN.

- Turn on the system and be sure all speakers are working properly.
- Set the subwoofer amplifier gain to a suitable level.



II. REMOVE FLOOR VENT TRIM COVER

- A. Remove the (3) panel hold down trees located on each side of the black floor vent cover.



III. INSTALL WIRE HARNESS

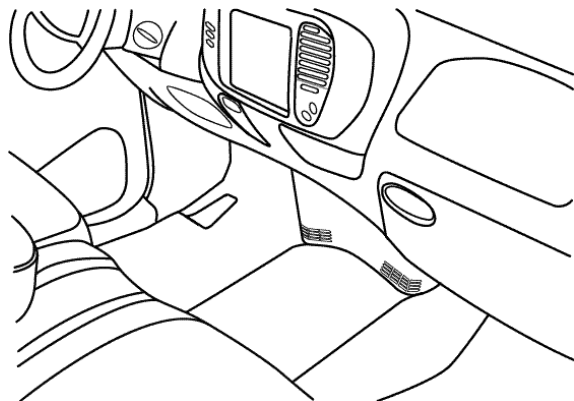
- A. Insert harness through radio housing opening in the dash and feed straight down to floor.
- B. Ground the BLACK wire on the harness to the floor of the truck (use wire wheel or sand paper to bare metal of ground location).
- C. Plug-in the "T" harness to the factory radio harness and the source side of the 3' harness in the dash -or- hard wire "Pigtail" harness.

IV. TEST SUBWOOFER ENCLOSURE

- A. Place subwoofer enclosure into the vehicle and plug in the Clarion harness to the harness connector on the subwoofer enclosure.
- B. Turn on the radio and test the subwoofer enclosure.
- C. Gain the enclosure using a small screwdriver (gain control is located next the harness connector on the enclosure).
- D. Unplug and remove the enclosure.

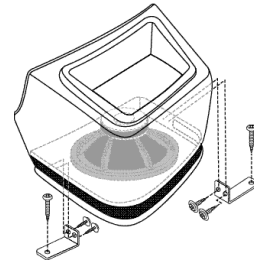
V. REINSTALL FLOOR VENT TRIM COVER

- A. Allow 8" of wire harness to extend past the vent cover on the floor.



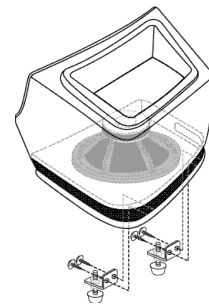
VI. INSTALL THE SUPPLIED L SHAPED BRACKETS TO THE ENCLOSURE

- A. Position "L" bracket on enclosure.
- B. Bracket will be screwed in using two 3/4" pilot point screws.
- C. The lower hole on the shorter leg of the "L" bracket should line up with the dimple on the enclosure.



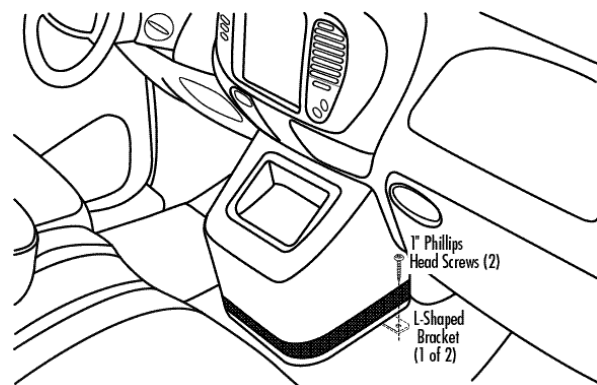
VII. INSTALL THE TWO LEVELING FEET

- A. Fasten (2) leveling feet to the "L" brackets located on the front edge of enclosure with the (2) supplied 5/16" hex-nuts.
- B. Place enclosure into vehicle and adjust leveling feet to desired height (the top/rear edge of the subwoofer enclosure should line up with the I.P. so that the foam is slightly being compressed uniformly around the I.P.).



VIII. MOUNT THE ENCLOSURE

- A. Place enclosure into vehicle.
- B. Plug in the harness.
- C. Position enclosure into proper location.
- D. Cut a "U" shaped slit in the carpet at the two bracket locations.
- E. Fold up carpet slits over the brackets.
- F. Screw in the two brackets to the vehicle floor.
- G. Fold carpet back over brackets.



Position L-Brackets attached
and mark transmission hump locations

IX. REASSEMBLE THE VEHICLE

- A. Make sure all the wires are hidden.

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