1-Open the Black box and set the DIP switches 1-4 according to the type of aftermarket car radio to be fitted. (see below for models).

2-Plug up the 4 pin Molex connector depending on which Head-unit you are fitting.

   **Pioneer/ Sony**
   - 1- Base
   - 2- Mid
   - 4- Tip

   **Alpine/Clarion/JVC**
   - 1- Base
   - 2- Tip
   - 4- Mid

   **JVC/Kenwood**
   - 2- single wire

   **Panasonic/Zenec**

3- Check that Dip switch 5 is set to ON. This is the default for Volvo cars

4- Disconnect Battery. Remove OEM radio. Connect new interface to car loom. Reconnect battery. Fit new Head-unit.

   Failure to disconnect battery before removing the radio may cause warning light errors. Some models may need computer reset by a Volvo

![Stalk Control Functions:](image)

- Volume up
- Volume Down
- Seek Up
- Seek Down
- Answer call
- Reject call

![Available CAN Messages:](image)

- Steering Control
- Speed Pulse
- Reverse
- Illumination
- Ignition
**39-VOL-01 Pin Configurations**

**Green—CAN active**

**Yellow—Ignition output active**

**Pin Configuration of Head-unit patch lead**

**Pioneer/ Sony**

1—Base
2—Mid
4—Tip

**Alpine/Clarion/JVC**

1—Base
2—Tip
4—Mid

**JVC/Kenwood Panasonnic/Zenec**

2—single wire

**Volvo Green Connector Wire Entry View**

1—NC
2—NC
3—NC
4—NC
5—Ignition Kl.15 +12v
6—Mem Kl.30 +12v
7—GROUND Kl.31 –12v
8—NC
9—NC
10—Antenna turn on
11—CAN LOW
12—CAN HIGH

**NOTE:** The Can high and low wire colours are the same as original Volvo colours.

**URI 12 pin Connector Wire Entry View**

1—BLACK Gound
2—NC
3—NC
4—NC
5—Ignition Kl.15 +12v
6—Mem Kl.30 +12v
7—GROUND Kl.31 –12v
8—NC
9—NC
10—Antenna turn on
11—CAN LOW
12—CAN HIGH

**URI 12 pin Connector-Wire entry side**

1— BLACK Gound Kl.31 to car –12v neg
2—NC Kl.31
3—ORANGE lights on Kl.58 +12v out
4—PINK Reverse R +12v out
5—NC Becker Navi C3 pin 15
6—GREEN Can Low To car CAN LOW
7— YELLOW 12v in Kl.30 to car +12v mem
8—BROWN Handbrake HB -12v neg out
9—RED Ignition out Kl.15 12v output
10—GREY Speed pulse 1hz per km/h
11—NC Becker Navi C3 pin 16
12—WHITE Can High To car CAN HIGH