RAM Cargo Camera
09-16 1500 RAM & 10-16 2500/3500 RAM
(Kit # FLTW-7626)

Please read thoroughly before starting installation and check that kit contents are complete.

Items Included in the Kit:
- Replacement cargo lamp w/camera
- Chassis harness
- Power/video harness
- Adjustment tool
- Male to male RCA
- These instructions

Tools & Supplies Needed:
- Wire strippers
- Wire cutters
- Electrical tape
- Zip ties
- Plastic panel removal tools
- Digital Volt Meter / BCM safe test light
- Screwdriver
- Socket set/wrench
- Torx bits

Safety Precautions:
- Work in well ventilated area that is clear of obstructions.
- Secure vehicle with tire chucks in both front and rear of tires.
- Turn vehicle accessories OFF and ensure ignition key is in OFF position.
- Wear safety goggles and snug fitting clothes.
- Use tools only for their intended purpose and which are in good repair.
- Only perform this task if confidence, skill, and physical ability permit.

1. Remove the factory cargo lamp from the vehicle by removing the (2) Phillips screws and lifting up from the bottom.

2. Unplug factory connector from the back of the light.

3. Attach the foam gasket to the new light by removing the backing of the foam tape and a line the screw holes of the light to the gasket.

4. Plug the factory connector into the harness connector on the FLTW-7626.

5. Insert the camera harness into the opening in the roof.

6. From the inside of the vehicle remove the rear of the headliner to gain access to the camera harness. (Each vehicle if different, be careful not to bend the headliner too much to access the harness).

7. Route the cable forward to the A-pillar of the vehicle.

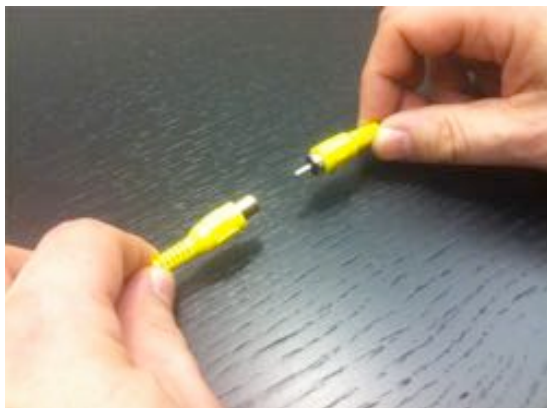8. Remove the (2) covers on the handle to gain access to the 10mm bolts.

9. Remove the (2) 10mm bolts and route the harness down the pillar toward the display. (**Be careful of any airbags in the pillar and avoid routing the harness over the airbag).**

10. Step 10: Connect Chassis Harness to supplied Power Harness RCA and power plugs.

11. Connect Power Harness male RCA connector to RCA located on your Display.

12. Using a vehicle specific service guide/wiring diagram and a multi-meter verify 12v Ignition. Red wire of power harness connects to 12v+ Ignition and Black wire of power harness to Black chassis ground nut or wire. RECOMMENDED**:** Solder wires and cover with Heat Shrink Tubing or use T-taps as an optional connection method.

13. Use Wire Ties or Electrical Tape to secure Chassis Harness and Jumper Harness RCA and power connections.

14. Coil any excess Chassis Harness and secure it to existing vehicle wiring with Wire Ties or Electrical Tape.

15. Install the new light with the factory screws.

16. Start the screw in the light about a ¼ inch and then put on back of vehicle cab and tighten the screws the rest of the way. (Be sure the foam gasket to set in the correct place). **We are not responsible for leaks from around the new lamp.**

white wires near the end of the Camera Harness.

Green and White wires on the Camera Harness.

17. Test system. Check display for the camera image.

(If necessary) Adjust camera aim.
Reposition camera to the desired viewing angle by using the U shape tool in kit, by inserting the ends into the "holes" around the lens.

18. Reassemble vehicle. Follow your disassembly steps in reverse order, taking care not to bind the harness wiring when reinstalling trim.

CAMERA OPTIONS

The camera offers grid lines or non grid lines and mirror image or non mirror image options.

Grid line options: Default setting **displays grid lines**. To remove the grid line display, connect the two green wires near the end of the Camera Harness.

Display options: Default setting is **mirror image display** (i.e., words and letters appear backwards as in a mirror) for **rearward facing camera** (rear view) installation. To change to **non mirror image display** for **forward facing camera** (front view) connect the two