



# ARC<sup>TM</sup>

**ACCESSORY/REAR CAMERA PRODUCT SERIES**

**CAN-BUS Integration and Auxiliary Input Kit for GAP Radios**

## ARC-CANAUXIN INSTALLATION MANUAL

*Full Plug 'n' Play kit for installing CAN-BUS GAP radios in Ford vehicles without CAN-BUS connector behind the radio.*

### Required for Install:

1. Pre-programmed Ford "GAP" radio – BC3T; BC2T; EC3T; EC2T Prefixes.
2. ARC-CANAUXIN Installation Kit

### Vehicle Applications:

- 2011-2015 F-Series Super Duty – Uses FRD09\_CANAUXIN3 *Install Type 1*
- 2015-2016 F-Series Super Duty – Uses FRD09\_CANAUXIN2 *Install Type 2*

### ARC-CANAUXIN Kit Contents:

1. FRD09\_CANAUXIN1 – Radio Side Harness with 3.5mm Auxiliary Input harness
2. FRD09\_CANAUXIN2 – Trailer Tow Module CAN Interface Harness
3. FRD09\_CANAUXIN3 – Tire Pressure Monitor CAN Interface Harness

**NOTICE: DISCONNECT NEGATIVE BATTERY TERMINAL BEFORE BEGINNING INSTALLATION**



### Notice:

\*\*All information provided in this instructional guide is given on an as-is basis. All wires should be verified and tested for functionality before any connections are made. All wiring connections should be made using OEM approved wire repair techniques which include, but are not limited to, soldering and heat-shrinking all connections. When screwing or drilling, verify clearance on opposite side of work surface. Professional installation is recommended\*\*

# INSTALLATION TYPE 1

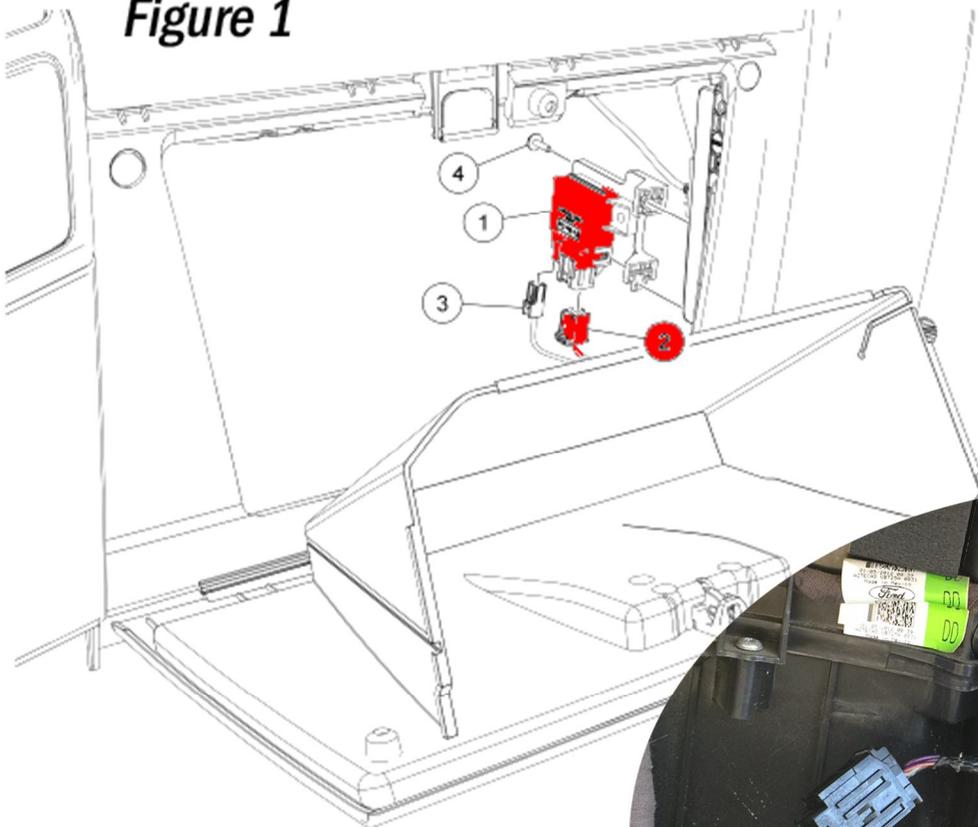
For 2011-2015 F-Series Super Duty – Install at Tire Pressure Monitor  
Located behind glovebox on passenger side of vehicle.

**Important Note:** Verify installation method for 2015 model year vehicles by verifying presence of Tire Pressure Monitor module behind glove box. If module is not present, use Installation Type 2.

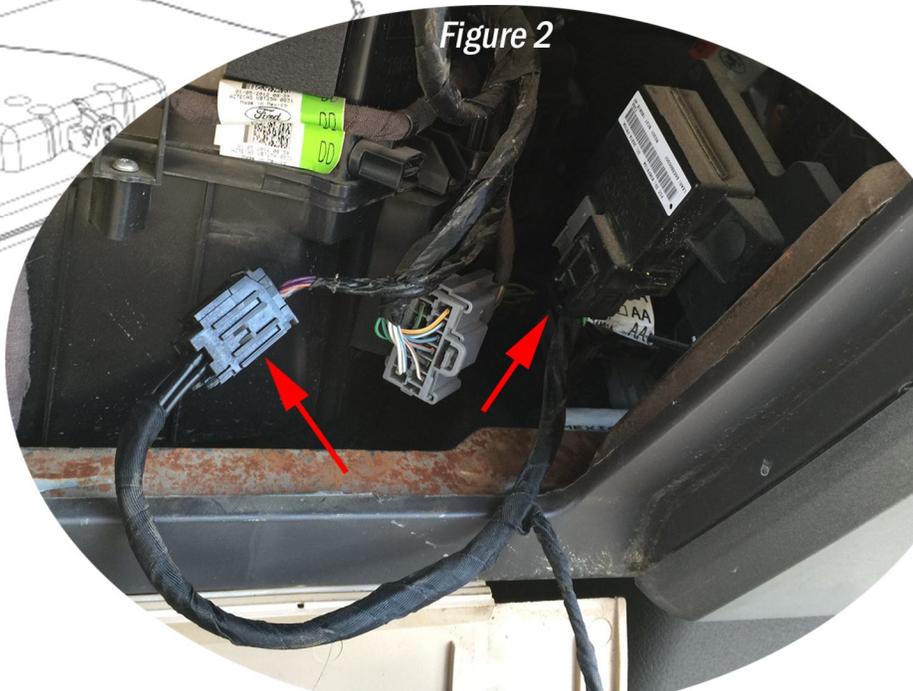
## Instructions:

1. Drop glove-box down to expose TPM (Tire Pressure Monitor) module
2. Disconnect connector # 2. See Figure 1
3. Connect FRD09\_CANAUXIN3 T-Harness between TPM module and connector # 2. See Figure 2
4. Remove radio and install FRD09\_CANAUXIN1 harness connected to new radio.
  - a. Install 3.5mm auxiliary input at this time if desired
5. Route wire with 2-pin molex connector to the FRD09\_CANAUXIN3 harness behind glovebox
  - a. Ensure glovebox operation does not interfere with wiring

**Figure 1**



**Figure 2**



# INSTALLATION TYPE 2

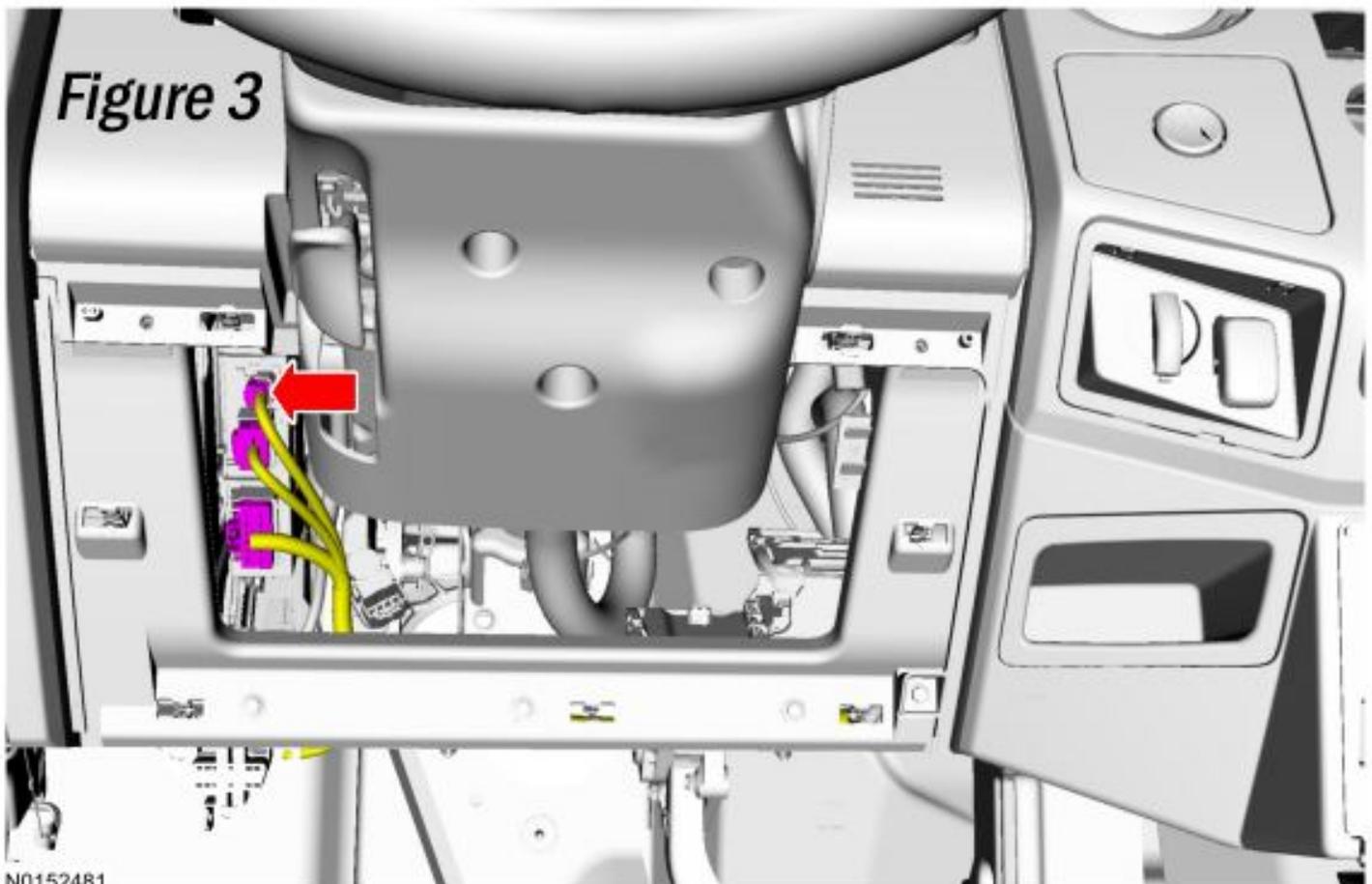
For 2015-2016 F-Series Super Duty – Install at Trailer Tow Module

Located above driver knee bolster, to left of steering wheel.

**Important Note:** Verify installation method for 2015 model year vehicles by verifying presence of Trailer Tow Module next to steering wheel. If module is not present, use Installation Type 1.

## Instructions:

1. Remove knee bolster under steering wheel to reveal Trailer Tow Module
2. Disconnect top-most 4-Pin connector from module *See Figure 3*
3. Install FRD09\_CANAUXIN2 T-Harness between connector and module
4. Remove radio and install FRD09\_CANAUXIN1 harness connected to new radio
  - a. Install 3.5mm auxiliary input at this time if desired
5. Route wire with 2-pin molex connector to the FRD09\_CANAUXIN2 harness
  - a. Ensure steering wheel or pedal operation does not interfere with wiring



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