TOYOTA YARIS 2010 - CRUISE CONTROL KIT

Part Number: 0001601208
Code CLNS70

CONFLICTS

NOTE: Yaris Sedan w/o power model 1442

Base Kit Contents

Item	Qty	Description
1	1	Control Switch Assembly
2	2	Screws (M5)

Hardware Bag Contents

Item	Qty	Description

Additional Items Required for Install

Item	Qty	Description

Recommended Tools

Personal & Vehicle Protection	
Safety Glasses	
Fender Cover	
Gloves (optional)	
Special Tools	
Battery Post Protector	
Installation Tools	
Trim Removal Tool	Phillips Screwdriver
10-mm Wrench	T-30 Bit
3/4 Wrench Drive	Torque Wrench
Drill Bits	1/4" and 1 1/8" hole saw
14mm Wrench	
Special Chemicals	

Svc Contents

Item	Qty	Description	Part Number

General Applicability

See Conflicts

Service Parts

Item	Part#	Description
1	00016-35915-02	Clutch Switch Kit

VEHICLE PREPARATION:

1. Disconnect the cable from the negative terminal of the battery. **Figure 1**

CAUTION: *ensure that battery has been disconnected for more than 90 seconds prior to removal of airbag; Failure to head this warning may result in airbag discharge and may cause serious injury or death.*

2. Remove Airbag by extracting the two 30 Torx screws as illustrated in **Figure 2.**

3. Remove ground terminal and dummy horn/cruise connector from steering wheel and discard. Utilize small screwdriver to remove airbag connectors as illustrated in **Figure 3.**

CAUTION: *Be sure to store Airbag face up as illustrated in Figure 4 to reduce injury in event of accidental discharge of airbag.*

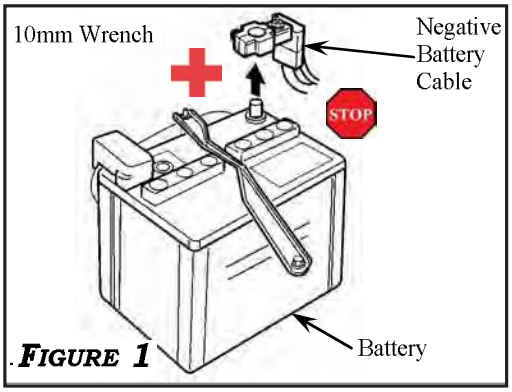
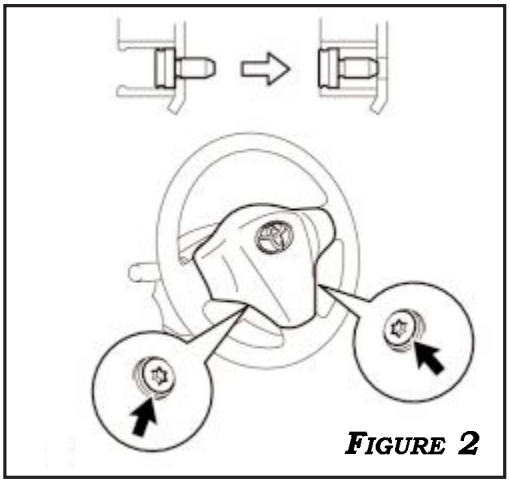


Figure 1


Figure 2

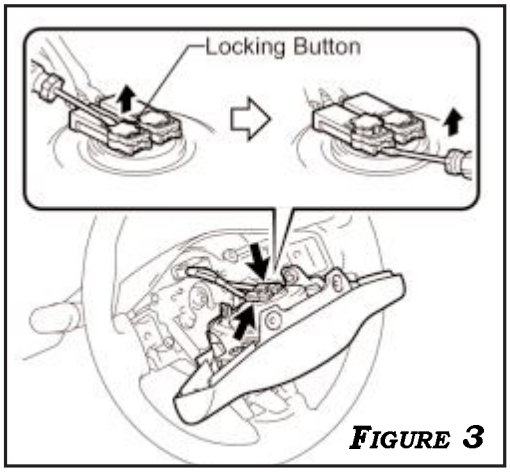


Figure 3

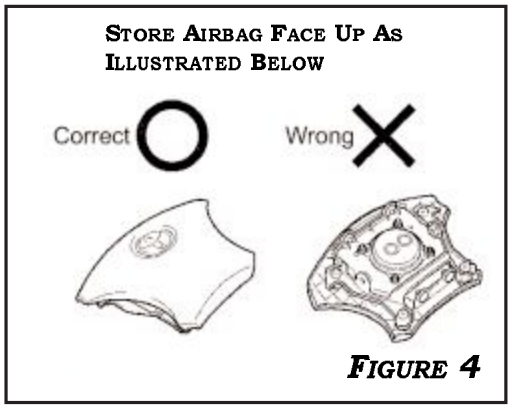


Figure 4

VEHICLE PREPARATION

(FOR VEHICLES WITH MANUAL TRANSMISSION)

4. REMOVE 2 SCREWS AND DISENGAGE THE 3 CLAWS TO REMOVE THE INSTRUMENT PANEL UNDER COVER **FIGURE 5**

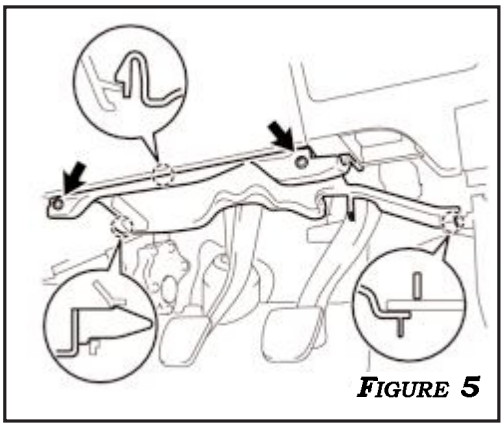


FIGURE 5

5. DISENGAGE THE 7 CLAWS AND OPEN THE INSTRUMENT PANEL LOWER FINISH PANEL. **FIGURE 6**

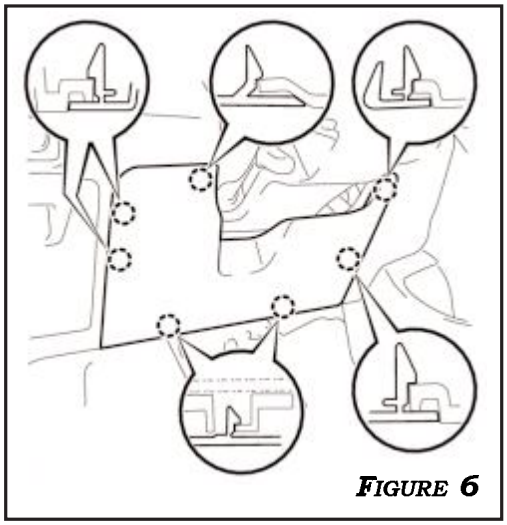


FIGURE 6

6. REMOVE THE 2 SCREWS AND REMOVE THE INSTRUMENT PANEL LOWER FINISH PANEL. **FIGURE 7**

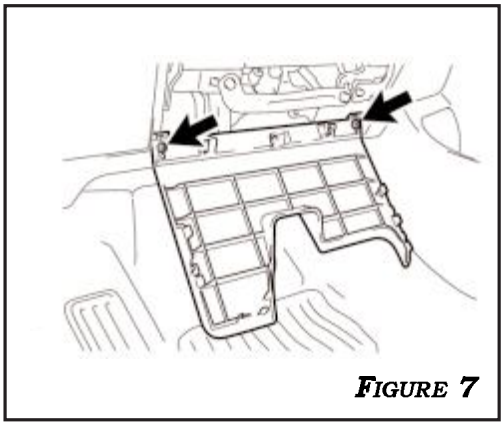


FIGURE 7

INSTALLATION

CONTROL SWITCH

1. For DIO installs: Use the **Switch Hole Cutting Template** on page 11, Place the template on the right side of the steering shroud as shown and drill two a **(1/4")** pilot hole. **Figure 8**. Continue to step 4.

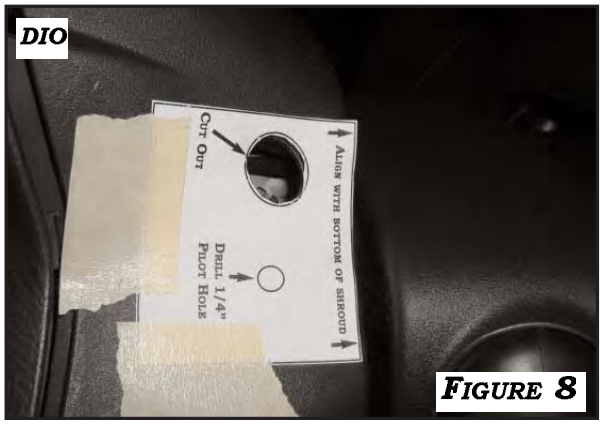


Figure 8

2. For PIO installs: Place the Yaris switch drill fixture on the right side of the steering wheel shroud using airbag screw access hole. **Figure 9**



Figure 9

3. Drill a 1/4" pilot hole into the fixture insert as shown in **Figure 10.**

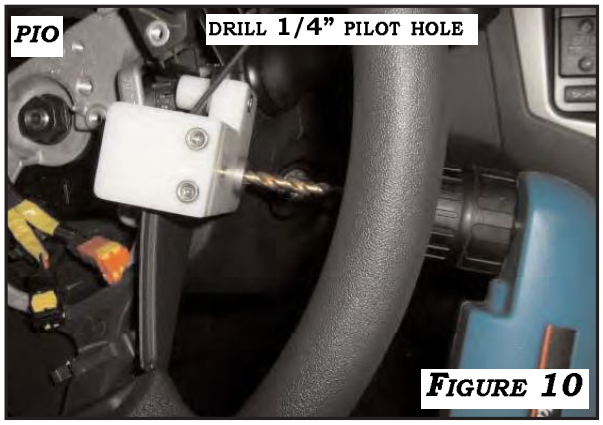


Figure 10

4. Remove Yaris switch hole cutting template or drill fixture. Use a 1 1/8" hole saw to drill switch hole. **Figure 11.**

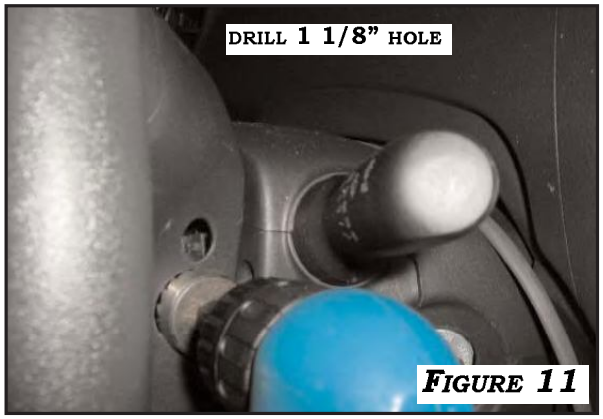


Figure 11

CONTROL SWITCH CONTINUED

5. MOUNT CRUISE CONTROL SWITCH WITH TWO *(2)* PHILLIPS SCREWS PROVIDED. REMOVE GROUND TERMINAL AND DUMMY HORN/CRUISE CONNECTOR FROM STEERING WHEEL AND DISCARD. PLUG IN CRUISE SWITCH CONNECTOR ENSURING TO RECONNECT GROUND TERMINAL. **FIGURES 12-13**

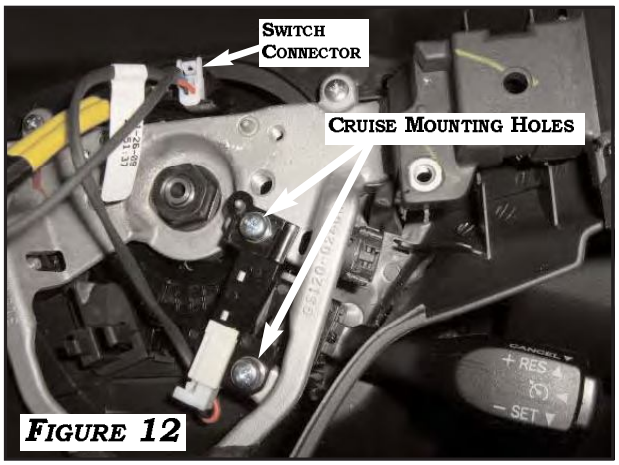


FIGURE 12

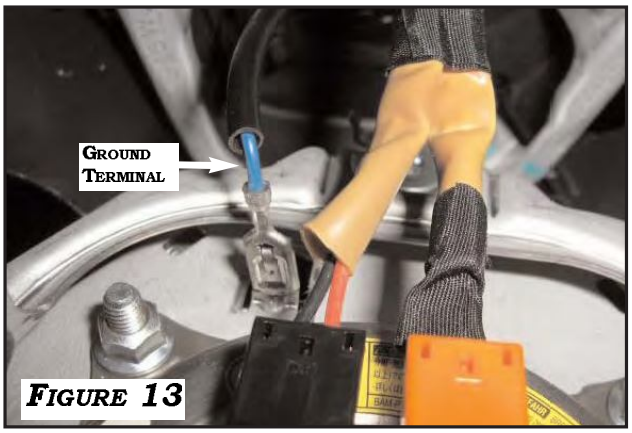


FIGURE 13

INSTALLATION

NOTE
FOR MANUAL TRANSMISSION YARIS, USE ROSTRA CLUTCH DISENGAGEMENT SWITCH AND CLUTCH HARNESS KIT 00016-35915-02 IS REQUIRED.

1. For Manual Transmission Yaris Only: Record the stop bolt position on the clutch pedal. Use a **14mm** wrench to remove. Replace Clutch Pedal Stop Bolt with Rostra Clutch Disengagement Switch. Attach Clutch harness to Clutch Disengagement Switch. **Figures 14-15**

2. For Manual Transmission Yaris Only: Locate connector **A29** between the junction box and brake switch. **Figure 16**. Attach ***Red*** T-Tap to the ***Black*** wire in **Pin 1** of connector **A29**. Connect Male Terminals to ***Violet*** **Wires** of Clutch Harness and make one connection with the T-Tap previously installed. Connect the other Violet wire to the **Blue** in **Pin 2** of connector **A29**. Secure clutch switch harness with wire ties.

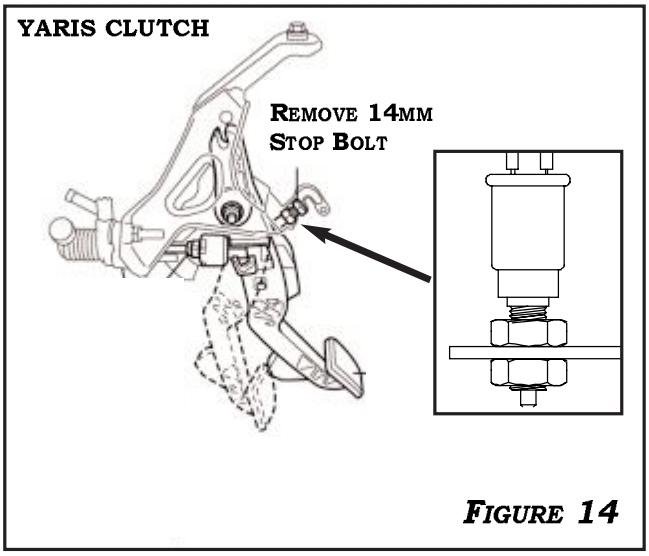


Figure 14

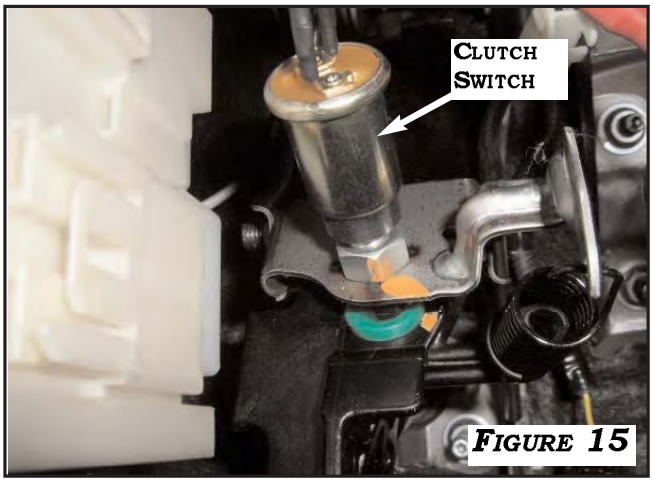


Figure 15

TESTING



1. Reinstall Airbag. Torque screws to 78 in. lbs.



2. Reconnect negative battery cable and torque to **3 ft*lbs**.

3. Turn the ignition to the "on" position. Press the "Cruise On-Off" button. This operation turns the system on. The indicator light in the instrument panel will come on.

FUNCTION CHECK

Cruise Control Operation

The cruise control allows you to cruise the vehicle at a desired speed over 40 km/h (25 mph) even with your foot off the accelerator pedal.

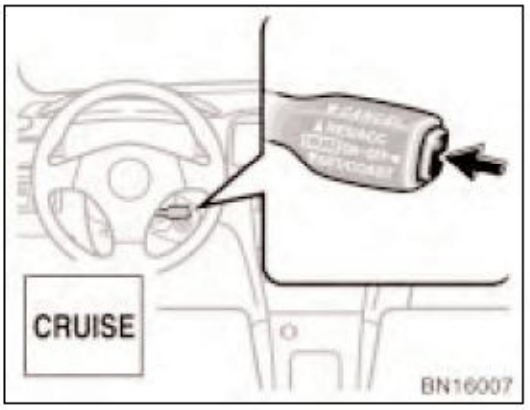
Your cruising speed can be maintained up or down grades within the limits of engine performance, although a slight speed change may occur when driving up or down the grades. On steeper hills, a greater speed change will occur so it is better to drive without the cruise control.

CAUTION

- To help maintain maximum control of your vehicle, do not use the cruise control when driving in heavy or varying traffic, or on slippery (rainy, icy or snow–covered) or winding roads.
- Avoid vehicle speed increases when driving downhill. If the vehicle speed is too fast in relation to the cruise control set speed, cancel the cruise control then downshift the transmission to use engine braking to slow down.

TURNING THE SYSTEM ON

To operate the cruise control, press the "CRUISE ON–OFF" button. This turns the system on. The indicator light in the instrument panel shows that you can now set the vehicle at a desired cruising speed. Another press will turn the system completely off.



CAUTION

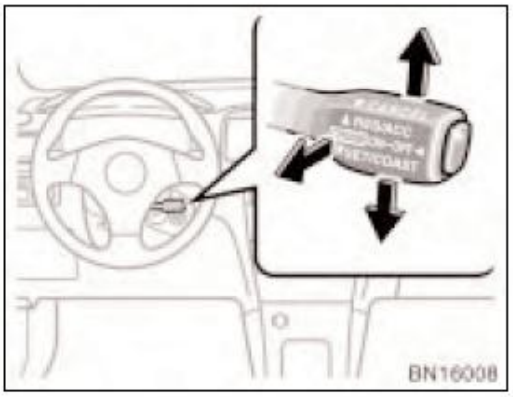
To avoid accidental cruise control engagement, keep the "CRUISE ON–OFF" switch off when not using the cruise control.

SETTING AT A DESIRED SPEED

On vehicles with automatic transmission, the transmission must be in "D" before you set the cruise control speed.

Bring your vehicle to the desired speed, push the lever down in the "SET/COAST" direction and release it. This sets the vehicle at that speed. If the speed is not satisfactory, tap the lever up for a faster speed, or tap it down for a slower speed. Each tap changes the set speed by 1.6 km/h (1.0 mph). You can now take your foot off the accelerator pedal.

If you need acceleration—for example, when passing—depress the accelerator pedal enough for the vehicle to exceed the set speed. When you release it, the vehicle will return to the speed set prior to the acceleration.



⚠ CAUTION

For manual transmission:

While driving with the cruise control on, do not shift to neutral without depressing the clutch pedal, as this may cause engine racing or overrevving.

CANCELLING THE PRESET SPEED

You can cancel the preset speed by:

a. Pulling the lever in the "CANCEL" direction and releasing it.
b. Depressing the brake pedal.
c. Depressing the clutch pedal (manual transmission).

If the vehicle speed falls below about 40 km/h (25 mph), the preset speed will automatically cancel out.

If the vehicle speed drops 16 km/h (10 mph) below the preset speed, the preset speed will also automatically cancel out.
If the preset speed automatically cancels out other than for the above cases, have your vehicle checked by your Toyota dealer at the earliest opportunity.

RESETTING TO A FASTER SPEED

Push the lever up in the "RES/ACC" direction and hold it. Release the lever when the desired speed is attained. While the lever is held up, the vehicle will gradually gain speed.

However, a faster way to reset is to accelerate the vehicle and then push the lever down in the "SET/COAST" direction.

RESETTING TO A SLOWER SPEED

Push the lever down in the "SET/COAST" direction and hold it. Release the lever when the desired speed is attained. While the lever is held down, the vehicle speed will gradually decrease.

However, a faster way to reset is to depress the brake pedal and then push the lever down in the "SET/COAST" direction.

On vehicles with automatic transmission, even if you turn off the overdrive switch, with the cruise control on, engine braking will not be applied because the cruise control is not cancelled. To decrease the vehicle speed, reset to a slower speed with the cruise control lever or depress the brake pedal. If you use the brake pedal, cruise control is cancelled.

RESUMING THE PRESET SPEED

If the preset speed is cancelled by pulling the control lever or by depressing the brake pedal or clutch pedal, pushing the lever up in the "RES/ACC" direction will restore the speed set prior to cancellation.

However, once the vehicle speed falls below about 40 km/h (25 mph), the preset speed will not be resumed.

CRUISE CONTROL FAILURE WARNING

If the "CRUISE" indicator light in the instrument cluster flashes when using the cruise control, press the "CRUISE ON–OFF" button to turn the system off and then press it again to turn it on.

If any of the following conditions then occurs, there is some trouble in the cruise control system.

- The indicator light does not come on.
- The indicator light flashes again.
- The indicator light goes out after it comes on.

REASSEMBLY

1. Reinstall all trim pieces taking special care to ensure harnesses and wire connections are properly secured.

2. Be sure harnesses is not pinched or bound by trim pieces.

YARIS SWITCH TEMPLATE

