

## TOYOTA TACOMA

2008-

## CRUISE CONTROL KIT

Part Number: 00016-01208

Accessory Code: CL6



## BASE KIT CONTENTS

| ITEM | QTY | DESCRIPTION             |
|------|-----|-------------------------|
| 1    | 1   | CONTROL SWITCH ASSEMBLY |
| 1    | 2   | SCREWS (M5)             |
|      |     |                         |
|      |     |                         |
|      |     |                         |
|      |     |                         |
|      |     |                         |
|      |     |                         |

## HARDWARE BAG CONTENTS

| ITEM | QTY | DESCRIPTION |
|------|-----|-------------|
|      |     |             |
|      |     |             |
|      |     |             |
|      |     |             |
|      |     |             |
|      |     |             |
|      |     |             |
|      |     |             |

## ADDITIONAL ITEMS REQUIRED FOR INSTALL

| ITEM | QTY | DESCRIPTION                    |
|------|-----|--------------------------------|
| 1    | 1   | TOOL DIE PN 00016-01203-01     |
| 2    | 1   | EXTRACTION TOOL 00016-01203-03 |
|      |     |                                |

## CONFLICTS

NOTE: ALL V6 MODELS

## 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 36IN LBS |
| DRILL BITS                    | 5MM 13/64" & 8M 11/32  |
| 13MM SOCKET                   |                        |
| SPECIAL CHEMICALS             |                        |
|                               |                        |
|                               |                        |

## SVC CONTENTS

| ITEM | QTY | DESCRIPTION     | PART NUMBER    |
|------|-----|-----------------|----------------|
| 1    | 1   | CUTTING TOOL    | 00016-01203-01 |
| 2    | 1   | EXTRACTION TOOL | 00016-01203-03 |
|      |     |                 |                |
|      |     |                 |                |

## GENERAL APPLICABILITY

TACOMA MODELS W/ 4-CYLINDER ENGINES

## SERVICE PARTS

| ITEM | PART#          | DESCRIPTION   |
|------|----------------|---------------|
| 1    | 00016-01203-04 | CLUTCH SWITCH |
| 2    |                |               |
|      |                |               |
|      |                |               |
|      |                |               |
|      |                |               |
|      |                |               |
|      |                |               |

## Legend

|  |   |
|--|---|
|  | <b>STOP:</b> Damage to the vehicle may occur. Do not proceed until process has been completed with.   |
|  | <b>OPERATOR SAFETY:</b> Use caution to avoid risk of injury.  |
|  | <b>CAUTION:</b> A process that must be carefully observed in order to reduce the risk of damage to the accessory/ vehicle and to ensure a quality installation. |
|  | <b>TOOLS &amp; EQUIPMENT:</b> Used in Figures calls out the specific tools and equipment recommended for this process.  |
|  | <b>REVISION MARK:</b> This mark highlights a change in installation with respect to previous issue.   |

## SPECIAL NOTE: INSTALLATION SEQUENCES

AFTER **SAFETY** MANDATED PREPARATORY STEPS HAVE BEEN TAKEN, THE INSTALLATION SEQUENCE IS THE SUGGESTED METHOD FOR COMPLETING THE ACCESSORY INSTALLATION. IN SOME INSTANCES THE SUGGESTED SEQUENCE IS WRITTEN FOR ONE ASSOCIATE TO INSTALL AND IN OTHERS THE SEQUENCE IS GIVEN AS PART OF A TEAM ACCESSORY INSTALLATION. UNLESS OTHERWISE STATED IN THE DOCUMENT, THE ASSOCIATES MAY PERFORM THE INSTALLATION STEPS IN ANY ORDER TO MAKE THE INSTALLATION AS EFFICIENT AS POSSIBLE WHILE MAINTAINING CONSISTENT QUALITY.

# INSTALLATION

## CONTROL SWITCH

**LOCATION: RIGHT SIDE STEERING WHEEL COVER**

**HARDWARE:**



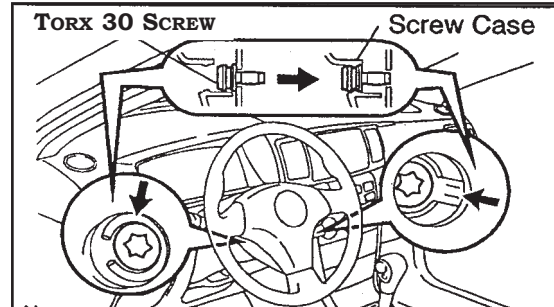
**CAUTION:** ENSURE THAT BATTERY HAS BEEN DISCONNECTED FOR MORE THAN 90 SECONDS PRIOR TO REMOVAL OF AIRBAG; FAILURE TO HEED THIS WARNING MAY RESULT IN AIRBAG DISCHARGE AND MAY CAUSE SERIOUS INJURY OR DEATH.



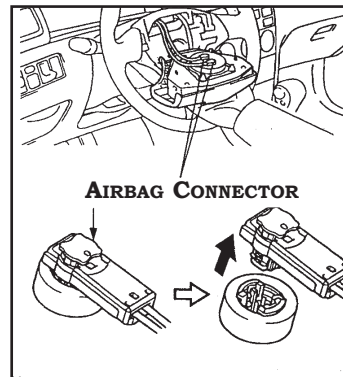
2. REMOVE AIRBAG BY RELEASING SIDE PANELS FROM STEERING WHEEL AND EXTRACTING THE TWO 30 TORX SCREWS AS ILLUSTRATED IN **FIGURE 1**



**FIGURE 1**



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 2**.

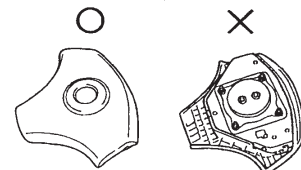


**FIGURE 2**



**CAUTION:** BE SURE TO STORE AIRBAG FACE UP AS ILLUSTRATED IN **FIGURE 3** TO REDUCE INJURY IN EVENT OF ACCIDENTAL DISCHARGE OF AIRBAG.

**STORE AIRBAG FACE UP AS ILLUSTRATED BELOW**



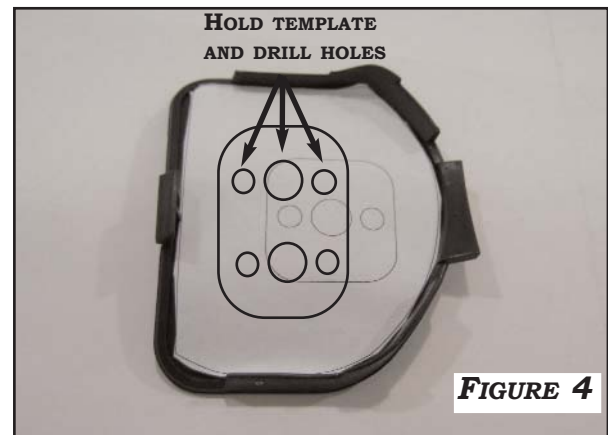
**FIGURE 3**

# INSTALLATION

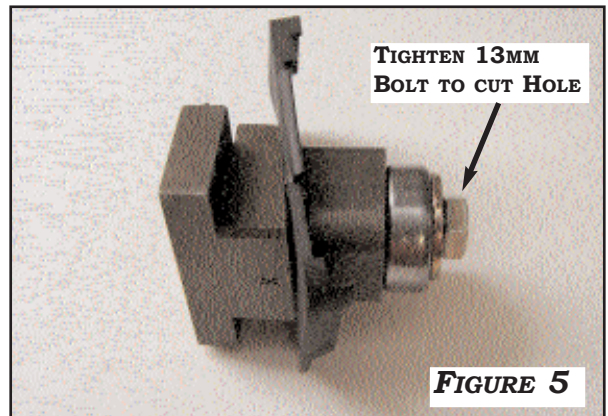
## CONTROL SWITCH CONTINUED



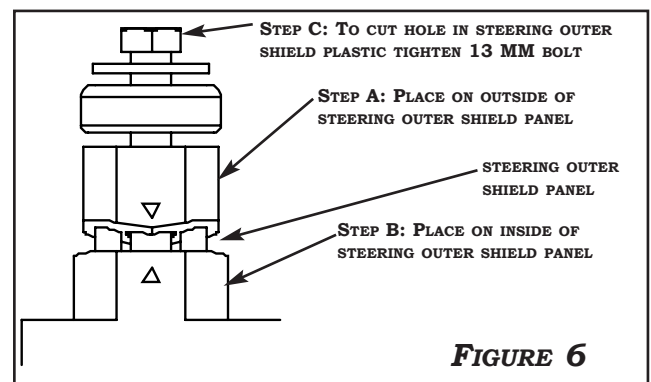
4. USING THE **SWITCH HOLE CUTTING TEMPLATE** ON PAGE 11, PLACE THE TEMPLATE ON THE INSIDE OF THE TRIM PIECE AS SHOWN AND DRILL TWO (2) 5MM (13/64") HOLE AND ONE (1) 8MM (11/32"). **NOTE: THE TACOMA SHROUD WILL NEED TO BE CUT TWICE WITH THE SWITCH CUTTING TOOL.**  
**FIGURE 4**



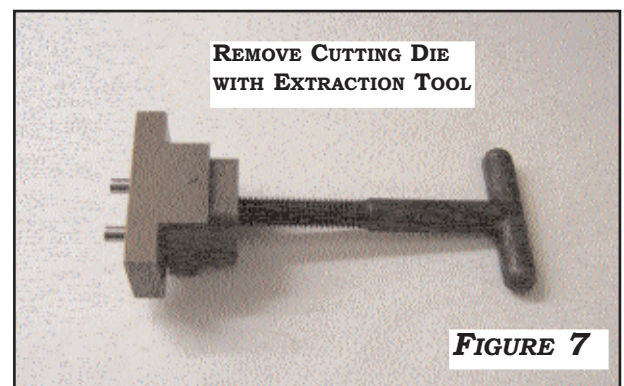
5. USING THE **SWITCH HOLE CUTTING TOOL**, INSERT THE CUTTING TOOL INTO THE DRILL HOLES OF TRIM PIECE AND WITH 13MM SOCKET, TIGHTEN THE SCREW UNTIL PLASTIC HOLE IS CUT OUT.  
**FIGURES 5 & 6.**



6. SOMETIMES THE CUTTING DIE MAY GET LODGED IN THE STEERING SHROUD MATERIAL; IN THIS CASE, UTILIZE THE CUTTING EXTRACTION TOOL TO REMOVE DIE.



THREAD T-BOLT INTO DIE AS SHOWN IN **FIGURE 7** AND PULL TO REMOVE DIE FROM STEERING SHROUD.



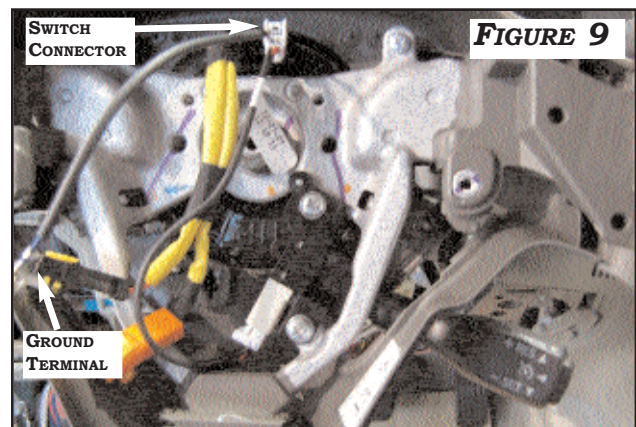
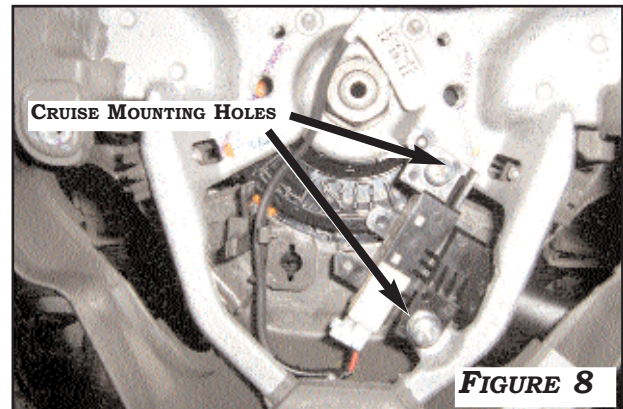
# INSTALLATION

## CONTROL SWITCH CONTINUED

7. MOUNT CRUISE CONTROL SWITCH WITH TWO (2) PHILLIPS SCREWS PROVIDED. REMOVE GROUND TERMINAL AND DUMMY HORN/CRUISE CONNECTOR FROM STEERING WHEEL AND DIS CARD. PLUG IN CRUISE SWITCH CONNECTOR ENSURING TO RECONNECT GROUND TERMINAL. **FIGURES 8-9**



8. REINSTALL AIRBAG. TORQUE SCREWS TO 78 IN. LBS.





# INSTALLATION

## NOTE

**FOR MANUAL TRANSMISSION TACOMA, ROSTRA CLUTCH DISENGAGEMENT SWITCH AND CLUTCH HARNESS KIT 00016-01203-04 IS REQUIRED.**

- 5) **FOR MANUAL TRANSMISSION TACOMA ONLY:** REPLACE CLUTCH PEDAL STOP BOLT WITH ROSTRA CLUTCH DISENGAGEMENT SWITCH. ATTACH CLUTCH HARNESS TO CLUTCH DISENGAGEMENT SWITCH. **FIGURE 11,12**
- 6) **FOR MANUAL TRANSMISSION TACOMA ONLY:** LOCATE CONNECTOR **C14** ABOVE CLUTCH PEDAL, **FIGURE 13**, AND ATTACH **RED** T-TAPS TO THE **BLUE/BLACK** AND **LT. GREEN** WIRES. CONNECT MALE TERMINALS TO **VIOLET** WIRES OF CLUTCH HARNESS AND MAKE CONNECTION WITH THE T-TAPS PREVIOUSLY INSTALLED.

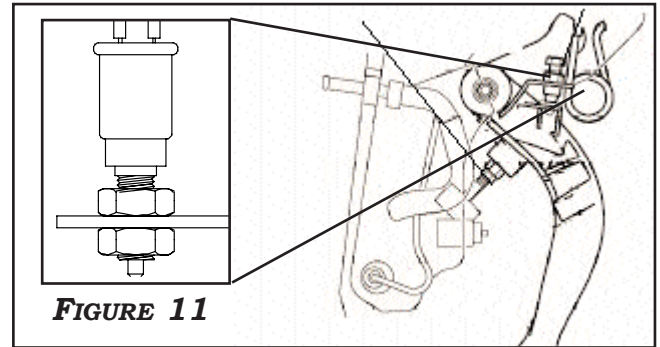
## TESTING



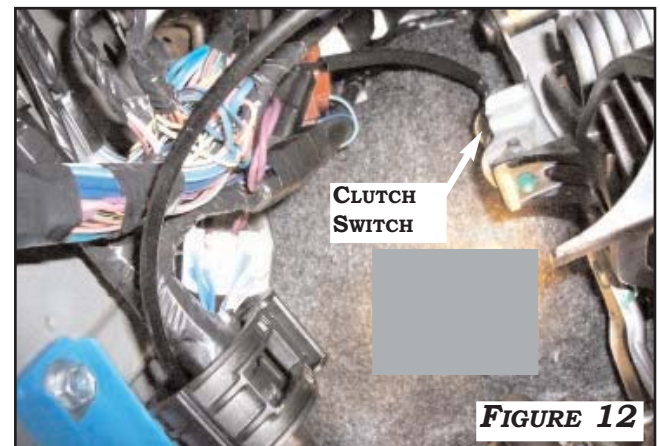
1. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE TO **3 FT\*LBS.**



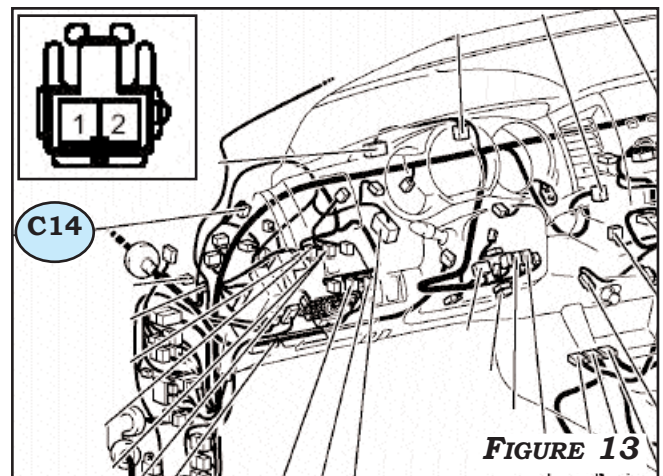
2. TURN THE IGNITION TO THE “ON” POSITION. PRESS THE “CRUISE ON-OFF” BUTTON. THIS TURNS THE SYSTEM ON. THE INDICATOR LIGHT IN THE INSTRUMENT PANEL WILL COME ON. IF THIS LIGHT COMES ON, SEE THE OPERATING INSTRUCTIONS. IF THE LIGHT DOES NOT COME ON, CHECK ALL CONNECTIONS.



**FIGURE 11**



**FIGURE 12**



**FIGURE 13**

## TOYOTA TACOMA

## CRUISE CONTROL

### 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.

#### TURNING THE SYSTEM ON

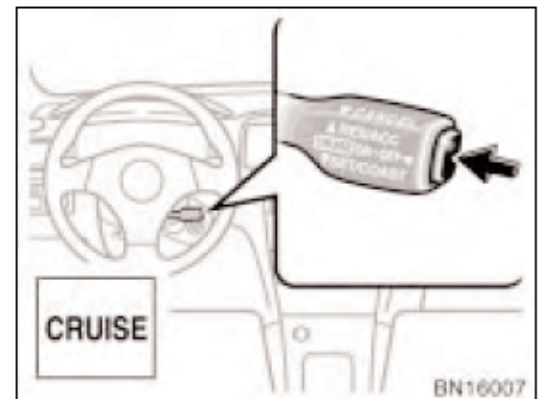
To operate the cruise control, press the "CRUISE ON-OFF" button. This turns the system on. The indicator light in the instrument panel shows that you can now set the vehicle at a desired cruising speed. Another press will turn the system completely off.

### VEHICLE FUNCTION CHECK

AFTER ALL PANELS, COVERS, AND COMPONENTS HAVE BEEN REINSTALLED, THAT WERE REMOVED, TEST THOROUGHLY, ALL MECHANICAL AND ELECTRICAL COMPONENTS DISCONNECTED AND OR REMOVED FROM THE VEHICLE DURING THE INSTALLATION OF THIS ACCESSORY.

#### 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.



#### CAUTION

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

## TOYOTA TACOMA

## 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.

### CANCELLING THE PRESET SPEED

You can cancel the preset speed by:

- Pulling the lever in the "CANCEL" direction and releasing it.
- Depressing the brake pedal.
- 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.

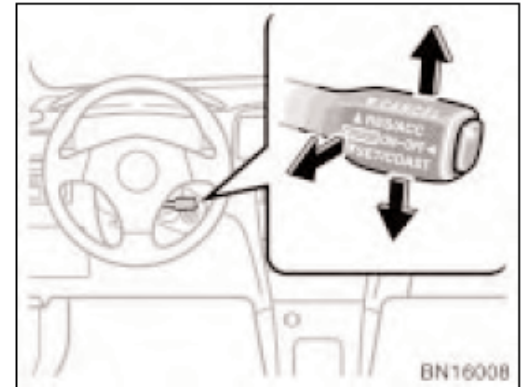
If the vehicle speed drops 16 km/h (10 mph) below the preset speed, the preset speed will also automatically cancel out.

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.



### ⚠ 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.

### 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. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE TO 3 FT LBS.
2. REINSTALL ALL TRIM PIECES TAKING SPECIAL CARE TO ENSURE HARNESSES AND WIRE CONNECTIONS ARE PROPERLY SECURED.
3. BE SURE HARNESSES IS NOT PINCHED OR BOUND BY TRIM PIECES.

