



# VEHICLE PREPARATION



1. REMOVE THE NEGATIVE BATTERY CABLE BEFORE INSTALLING THE CRUISE CONTROL COMPONENTS FOR SAFETY PRECAUTIONS.
2. **DODGE NITRO, CARAVAN, AND TOWN AND COUNTRY** APPLICATIONS: REMOVE STEERING COLUMN SHROUD. REMOVE AIRBAG BY USING FLAT HEAD SCREWDRIVER TO RELEASE (3) METAL CLIPS AS SHOWN IN **FIGURES 1,2.**



**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.

4. PRESS IN SIDES OF BOTH CONNECTORS TO REMOVE AIRBAG AS ILLUSTRATED IN **FIGURE 3.**



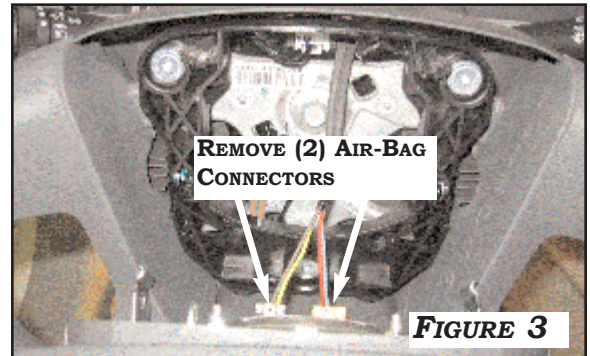
**CAUTION:** BE SURE TO STORE AIRBAG FACE UP AS ILLUSTRATED IN **FIGURE 3A** TO REDUCE INJURY IN EVENT OF ACCIDENTAL DISCHARGE OF AIRBAG.



**FIGURE 1**

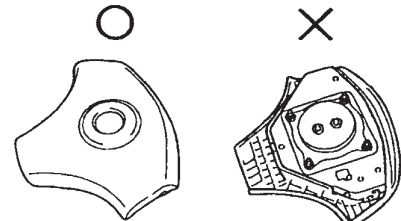


**FIGURE 2**



**FIGURE 3**

STORE AIRBAG FACE UP AS ILLUSTRATED BELOW



**FIGURE 3A**

# VEHICLE PREPARATION

**(CONT.)**



7. SOME VEHICLES ARE PREWIRED FOR CRUISE. VERIFY ECM POSITIONS ARE OCCUPIED. IF OCCUPIED, SKIP TO CRUISE SWITCH INSTALLATION.

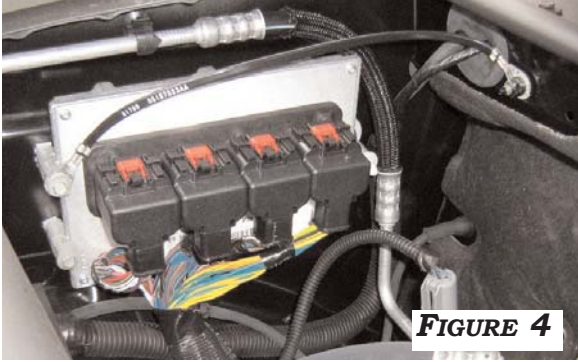
8. **DODGE CARAVAN, TOWN & COUNTRY APPLICATIONS:** LOCATE FOUR CONNECTOR ECM AT DRIVER SIDE FENDER WELL BEHIND SPLASH GUARD AT FRONT WHEEL. **DODGE NITRO APPLICATIONS:** LOCATE ECM AT PASSENGER SIDE FENDER WELL. GO TO THIRD CONNECTOR (WHITE ON BOTTOM SIDE). **FIGURE 4.** LOCATE **PIN 15 VIOLET/BROWN WIRE, PIN 18 VIOLET/ORANGE WIRE, AND PIN 34 VIOLET WIRE.** **FIGURE 5.** IF WIRES ARE PRESENT, THEN VEHICLE IS PREWIRED. SKIP TO CONTROL SWITCH INSTALLATION. IF WIRES ARE NOT IN THE POSITIONS, USE **59B-05003 ECM HARNESS** SUPPLIED IN KIT.

9. REMOVE TOP OF CONNECTOR. RELEASE SLOT CLIP TO FREE PINS IN CONNECTOR. USE PRECISION TOOL TO BREAK PLASTIC INSERT IN OPENING OF **PIN 15, 18 AND 34** OF CONNECTOR (**FIGURE 6**). THEN PUSH OUT REMAINS ON REVERSE SIDE AS SHOWN IN **FIGURE 7**.

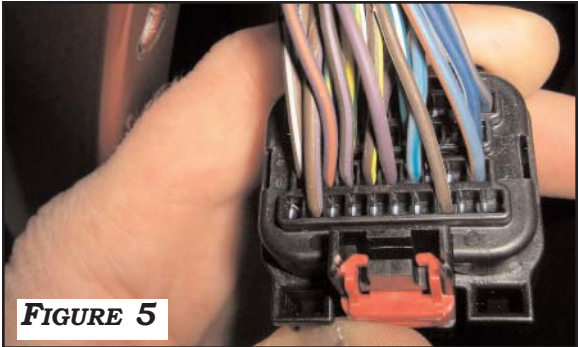


**CAUTION: BE SURE PLASTIC INSERT IS FULLY REMOVED BEFORE INSERTING EACH PIN.**

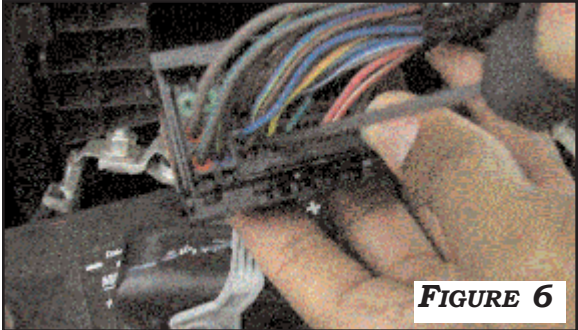
9. INSERT **PINK** CRUISE WIRE TO **PIN 18** OF ECM, **VIOLET** CRUISE WIRE TO **PIN 34**, AND **YELLOW** CRUISE WIRE TO **PIN 15**. ONCE PINS ARE INSERTED, RE-ASSEMBLE CONNECTOR. LOOK BELOW STEERING COLUMN. LOCATE FAR RIGHT CLOCKSPRING CONNECTOR. **FIGURE 8.** USING **CLOCKSPRING HARNESS** IN KIT, INSERT **PINK** CRUISE WIRE TO **PIN 4**, **YELLOW** CRUISE WIRE TO **PIN 5**, AND **VIOLET** CRUISE WIRE TO **PIN 6**. ROUTE CLOCKSPRING HARNESS TO ECM HARNESS AT ECM. CONNECT COLOR TO COLOR.



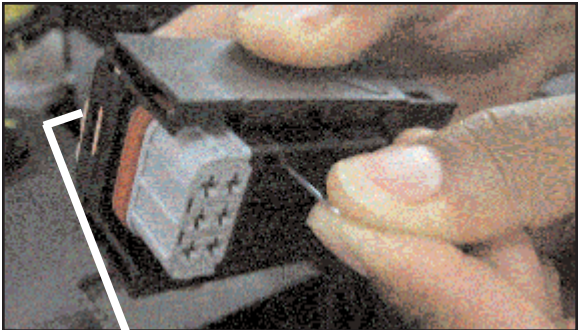
**FIGURE 4**



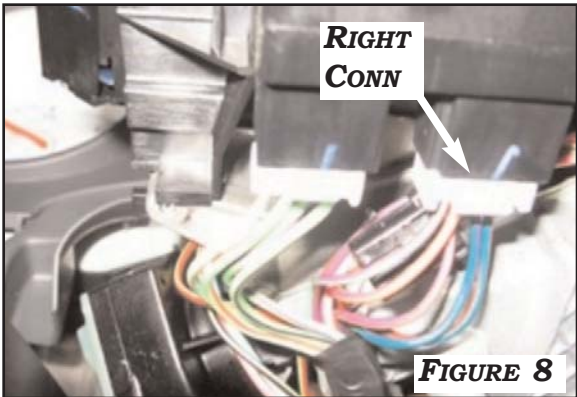
**FIGURE 5**



**FIGURE 6**



**FIGURE 7**



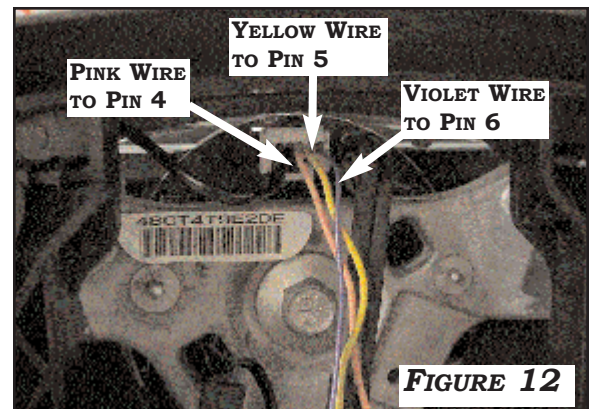
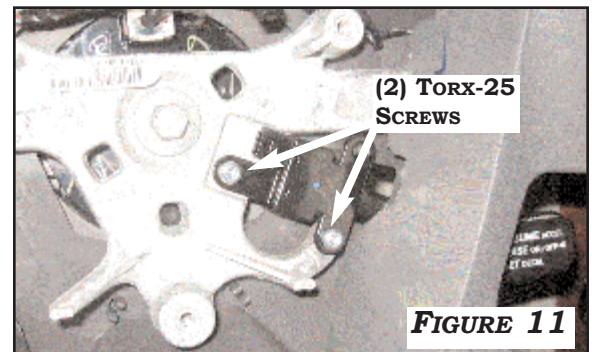
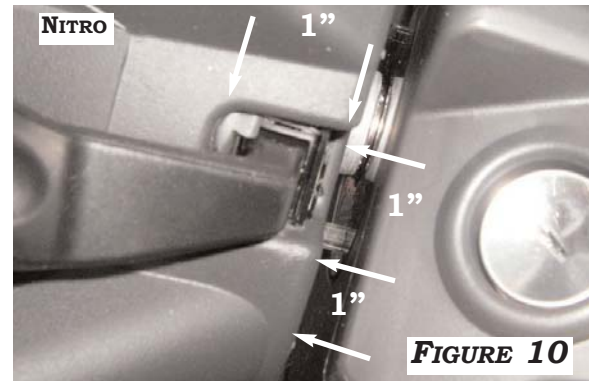
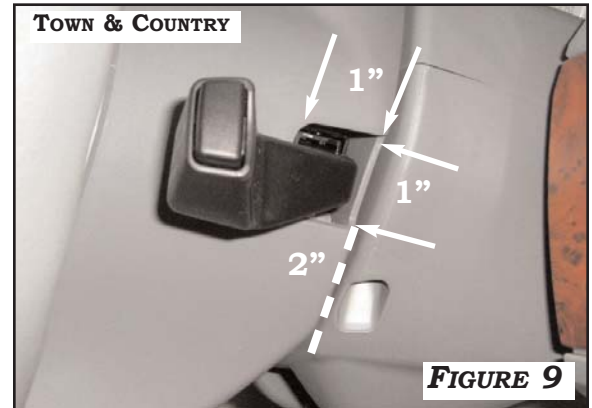
**FIGURE 8**

# INSTALLATION

## CONTROL SWITCH



1. CUT CLEARANCE FOR SWITCH AT RIGHT SIDE OF STEERING COLUMN. FOR DODGE CARAVAN, TOWN & COUNTRY USE **FIGURE 9**. FOR DODGE NITRO USE **FIGURE 10**.
2. USE (2) #10, T25 SCREWS PROVIDED IN HARDWARE BAG TO MOUNT CRUISE CONTROL SWITCH. **FIGURE 11**
3. LOCATE WHITE 6 PIN CONNECTOR INSIDE STEERING WHEEL. INSERT CRUISE CONTROL HARNESS WIRES TO THE FOLLOWING PIN LOCATIONS IN BACK-SIDE OF CONNECTOR: **PINK WIRE TO PIN 4; YELLOW WIRE TO PIN 5; VIOLET WIRE TO PIN 6**. CONNECT BLACK 3 PIN CONNECTOR OF CRUISE CONTROL HARNESS TO CRUISE CONTROL SWITCH. **FIGURE 12**



# INSTALLATION

## REASSEMBLY

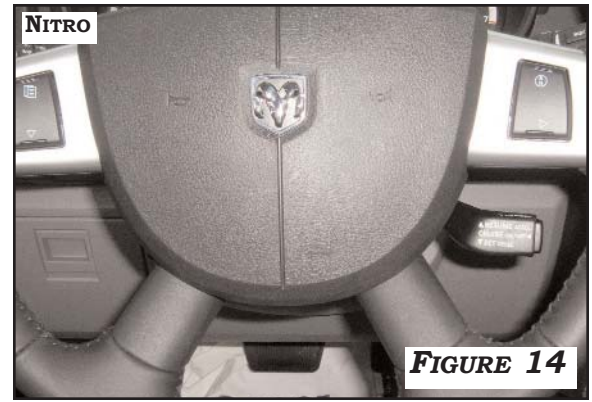
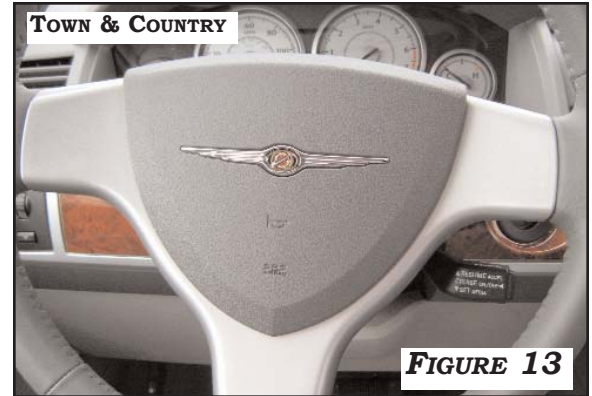


1. REINSTALL AIRBAG.
2. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE NUT TO **35 FT\*LBS.**

## TESTING

WHILE DRIVING VEHICLE, PRESS **[ON/OFF]** BUTTON ON CRUISE SWITCH TO ENGAGE CRUISE CONTROL. WITH VEHICLE ABOVE MINIMUM SET SPEED (REFER TO OWNER'S MANUAL), VERIFY THE FOLLOWING:

1. PRESSING **[SET]** ON CRUISE SWITCH CAUSES CRUISE TO CONTROL VEHICLE AT DESIRED SPEED.
2. PRESSING VEHICLE'S **BRAKE** PEDAL OR SHIFTING INTO NEUTRAL RETURNS CONTROL OF VEHICLE SPEED TO DRIVER.
3. PRESSING **[RESUME]** ON CRUISE SWITCH CAUSES CRUISE TO RETURN VEHICLE TO DESIRED SPEED.
4. PRESSING **[CANCEL]** ON CRUISE SWITCH RETURNS CONTROL OF VEHICLE SPEED TO DRIVER. PRESSING **[RESUME]** ON CRUISE SWITCH CAUSES CRUISE TO RETURN VEHICLE TO DESIRED SPEED.
5. PRESSING **[ON/OFF]** TURNS OFF CRUISE AND RETURNS CONTROL OF VEHICLE SPEED TO DRIVER. PREVIOUSLY SET SPEED IS REMOVED FROM CRUISE'S MEMORY.



## NOTES



**ROSTRA PRECISION CONTROLS, INC.**  
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**CERTIFIED ISO 9001**  
**MADE IN THE U.S.A.**