

VEHICLE PREPARATION



1. REMOVE THE NEGATIVE BATTERY CABLE BEFORE INSTALLING THE CRUISE CONTROL COMPONENTS FOR SAFETY PRECAUTIONS. **FIGURE 1.**

2. **JEEP WRANGLER** APPLICATIONS: REMOVE AIRBAG BY USING TRIM TOOL TO RELEASE (3) METAL CLIPS AS SHOWN IN **FIGURE 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.

3. **DODGE CALIBER, JEEP COMPASS/PATRIOT** APPLICATIONS: REMOVE AIRBAG BY EXTRACTING THE (2) 10MM SCREWS AS ILLUSTRATED IN **FIGURE 2A.**

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.

5. **JEEP WRANGLER** APPLICATIONS: REMOVE 13MM CENTER BOLT TO TAKE OFF STEERING WHEEL, THEN SKIP TO **STEP 2** ON PAGE 4.

6. **DODGE CALIBER, JEEP COMPASS/PATRIOT** APPLICATIONS: REMOVE (3) TORX 25 SCREWS TO RELEASE CENTER BRACKET INSIDE STEERING WHEEL. **FIGURE 4**

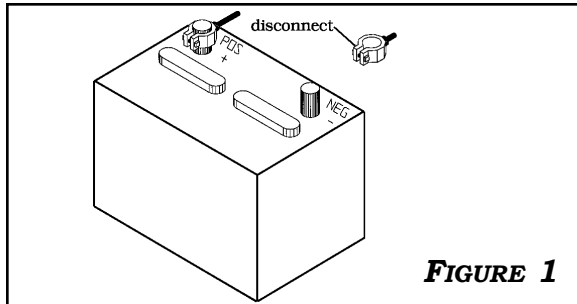
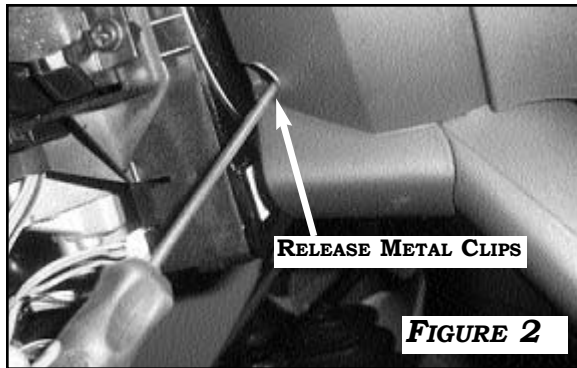
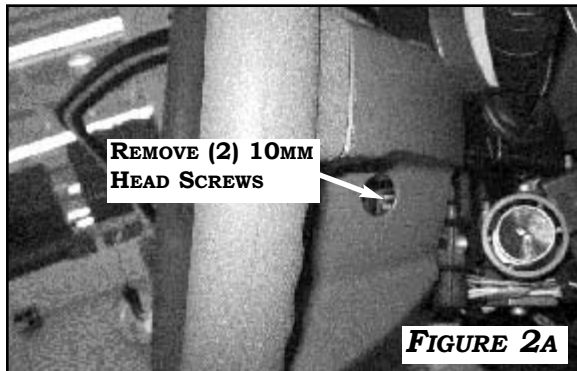


FIGURE 1



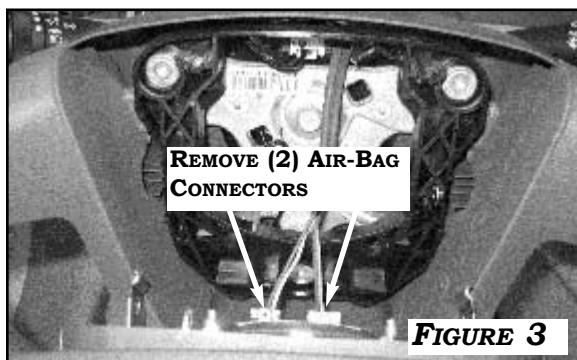
RELEASE METAL CLIPS

FIGURE 2



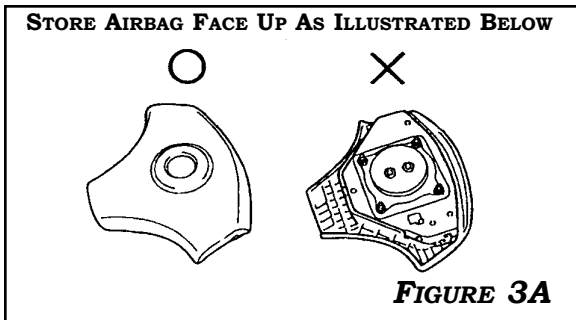
REMOVE (2) 10MM HEAD SCREWS

FIGURE 2A



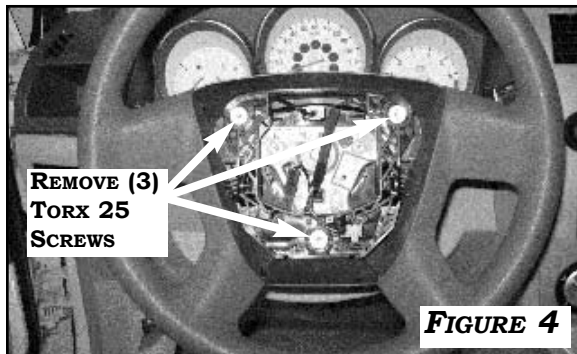
REMOVE (2) AIR-BAG CONNECTORS

FIGURE 3



STORE AIRBAG FACE UP AS ILLUSTRATED BELOW

FIGURE 3A



REMOVE (3) TORX 25 SCREWS

FIGURE 4

VEHICLE PREPARATION

(CONT.)



7. REMOVE ECM CONNECTOR FURTHEST AWAY FROM FIRE-WALL. **FIGURE 5.**

8. PRESS IN TAB TO REMOVE TOP COVER OF CONNECTOR TO ACCESS PIN LOCATIONS. **FIGURE 6.** THEN RELEASE CENTER SLOT CLIP AS SHOWN IN **FIGURE 7.**

AT THIS POINT, LOOK FOR WIRES IN PIN LOCATIONS 13, 26, AND 27. IF WIRES ARE PRESENT, THEN **THE INSTALLATION OF THE ECM HARNESS IS NOT REQUIRED.** REASSEMBLE THE CONNECTOR AND SKIP TO THE CONTROL SWITCH INSTALLATION ON PAGE 5.

9. USE PRECISION TOOL TO BREAK PLASTIC INSERT IN OPENING OF **PIN 13, 26 AND 27** OF CONNECTOR (**FIGURE 8**). THEN PUSH OUT REMAINS ON REVERSE SIDE AS SHOWN IN **FIGURES 9-10.**



CAUTION: BE SURE PLASTIC INSERT IS FULLY REMOVED BEFORE INSERTING EACH PIN. FIGURE 10.

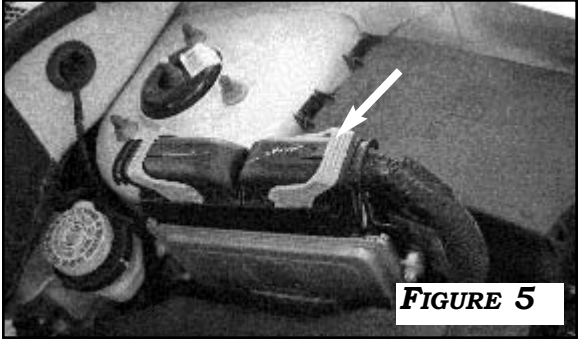


FIGURE 5

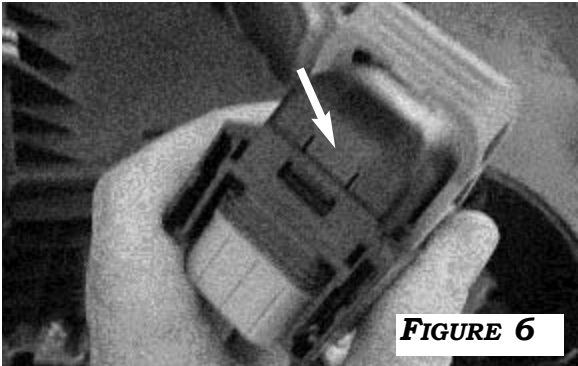


FIGURE 6

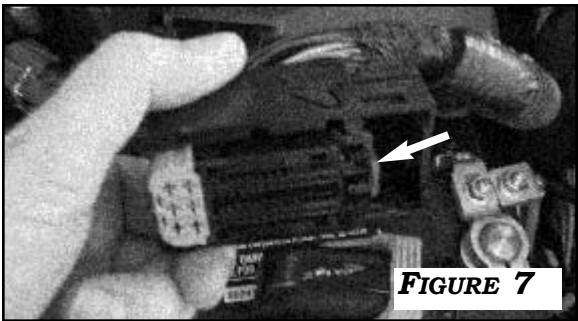


FIGURE 7

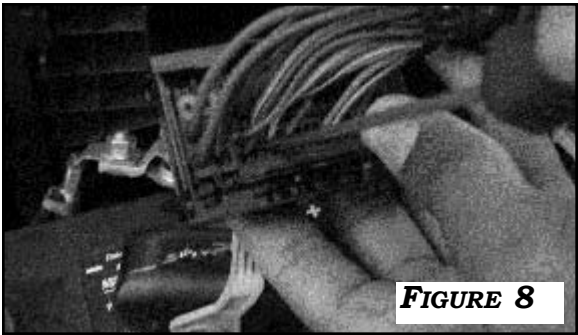


FIGURE 8

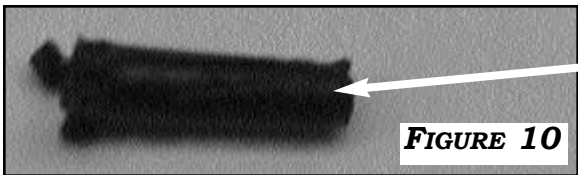


FIGURE 10

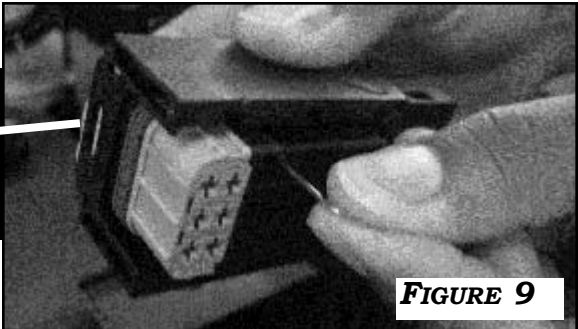


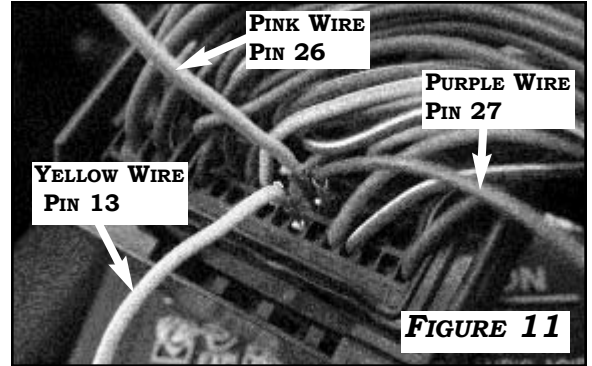
FIGURE 9

VEHICLE PREPARATION

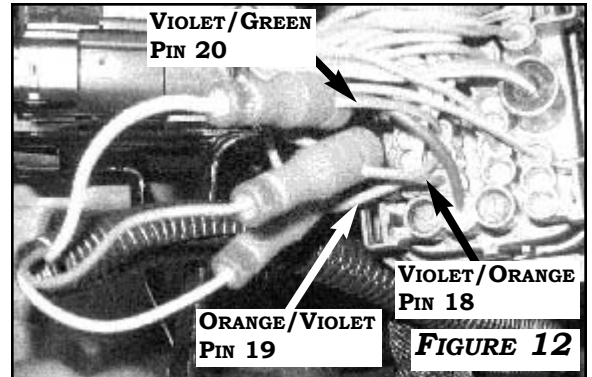
ECM HARNESS CONNECTIONS



1. INSERT **YELLOW WIRE** TO **PIN 13**, **PINK WIRE** TO **PIN 26**, AND **PURPLE WIRE** TO **PIN 27** OF CONNECTOR. REASSEMBLE CONNECTOR. BE SURE TO PLACE CONNECTOR BACK ON ECM SECURELY. **FIGURE 11**



2. ROUTE HARNESS FROM ECM DOWN TO CONNECTOR **C103**, LOCATED AT BOTTOM OF FRONT BUMPER ON DRIVER-SIDE NEAR FENDER WELL. WRAP CONVOLUTED TUBING AROUND WIRES OF HARNESS. USE THE SUPPLIED RED **POSI-TAPS** TO CONNECT THE FOLLOWING: **VIOLET/GREEN WIRE** IN **PIN 20** TO **YELLOW WIRE** OF HARNESS; **ORANGE/VIOLET WIRE** IN **PIN 19** TO **PINK WIRE** OF HARNESS; **VIOLET/ORANGE WIRE** IN **PIN 18** TO **VIOLET WIRE** OF HARNESS. SECURE HARNESS TO EXISTING VEHICLE WIRING WITH TIE STRAPS. **FIGURE 12**. IF WIRES ARE NOT PRESENT IN CONNECTOR **C103**, SEE NOTE ON PAGE 5.



INSTALLATION

CONTROL SWITCH



1. TURN STEERING WHEEL TO LEFT POSITION TO DRILL **1 1/8"** HOLE IN CENTER OF EXISTING OUTLINE FOR SWITCH LOCATION. **FIGURE 13**. CUT OUT REMAINING RIBS INSIDE STEERING WHEEL AS SHOWN IN **FIGURE 14**.
2. **JEEP WRANGLER** APPLICATIONS: USE DREMEL OR OTHER CUTTING TOOL TO TRIM OUT RIGHT SECTION OF STEERING WHEEL AS SHOWN IN **FIGURE 15**.
3. **DODGE CALIBER, JEEP COMPASS/PATRIOT** APPLICATIONS: USE DREMEL OR DEBURRING TOOL TO TRIM TO FIT CRUISE CONTROL SWITCH. **FIGURE 15A**.
4. **JEEP WRANGLER** APPLICATIONS: USE (3) **#6, T15** SCREWS PROVIDED IN HARDWARE BAG TO MOUNT CRUISE CONTROL SWITCH. **FIGURE 16 & 16A**
5. **DODGE CALIBER, JEEP COMPASS/PATRIOT** APPLICATIONS: USE (2) **#10, T25** SCREWS PROVIDED IN HARDWARE BAG TO MOUNT CRUISE CONTROL SWITCH. **FIGURE 17**
6. 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 18**
7. REINSTALL CENTER BRACKET INSIDE STEERING WHEEL, OR COMPLETE STEERING WHEEL IF APPLICABLE.

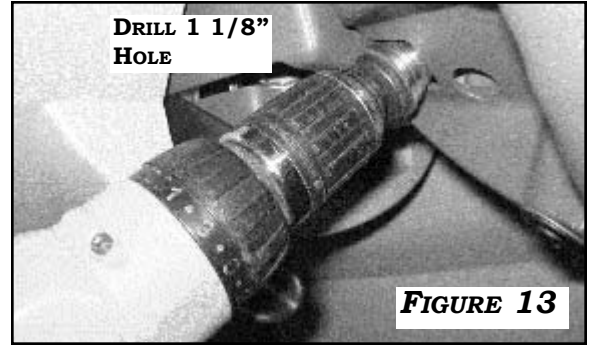


FIGURE 13

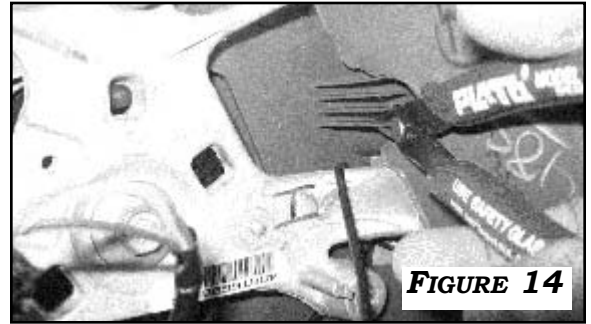


FIGURE 14

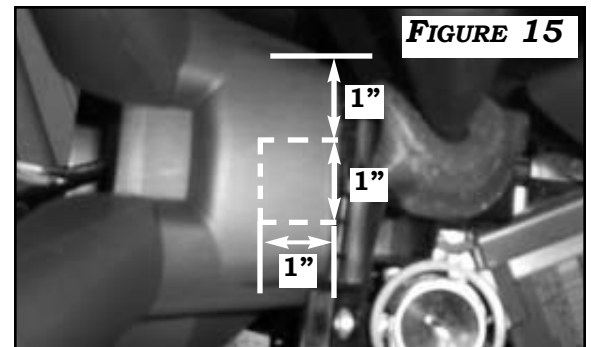


FIGURE 15

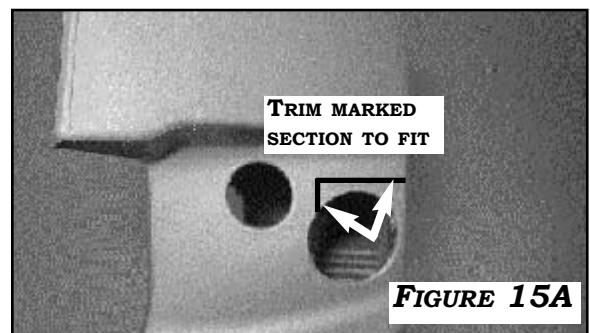
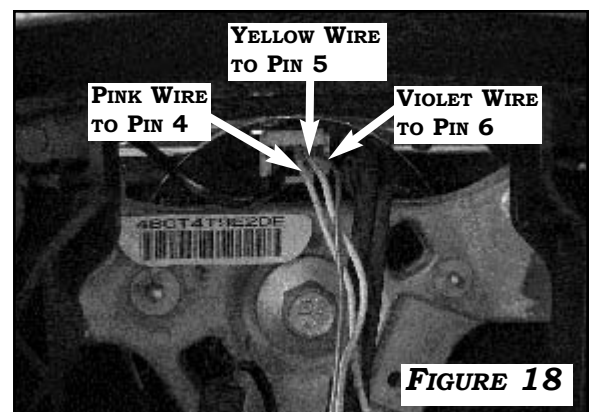
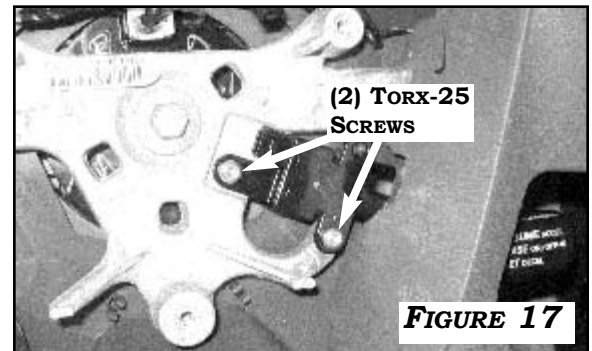
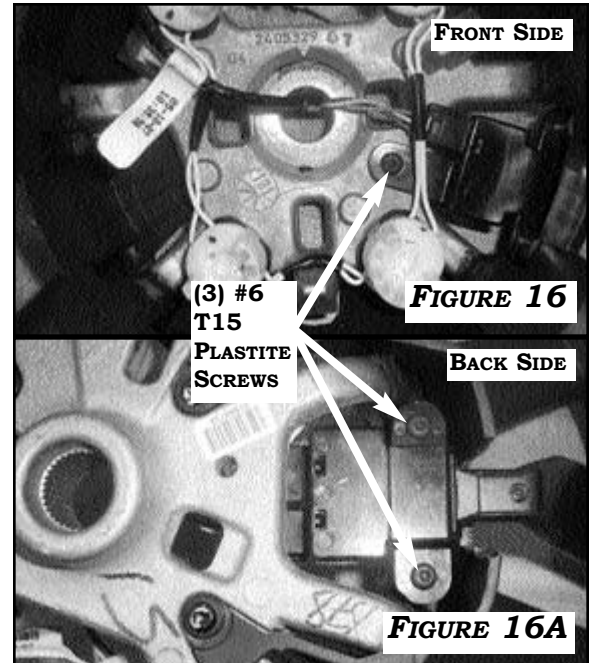


FIGURE 15A

INSTALLATION

CONTROL SWITCH (CONT.)

4. **JEEP WRANGLER** APPLICATIONS: USE (3) #6, T15 SCREWS PROVIDED IN HARDWARE BAG TO MOUNT CRUISE CONTROL SWITCH. **FIGURE 16 & 16A**
5. **DODGE CALIBER, JEEP COMPASS/PATRIOT** APPLICATIONS: USE (2) #10, T25 SCREWS PROVIDED IN HARDWARE BAG TO MOUNT CRUISE CONTROL SWITCH. **FIGURE 17**
6. 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 18**
7. REINSTALL CENTER BRACKET INSIDE STEERING WHEEL, OR COMPLETE STEERING WHEEL IF APPLICABLE.



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.

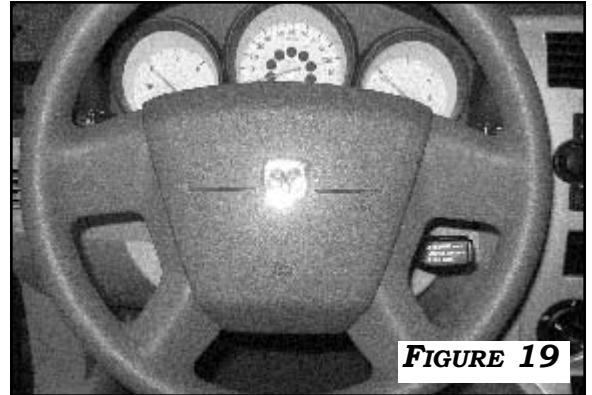


FIGURE 19



FIGURE 20

NOTES

NOTE: IF WIRE IS NOT AT FENDER WELL CONNECTOR AS STATED IN **STEP 2** OF **ECM HARNESS CONNECTION INSTRUCTIONS** OR CRUISE IS **NOT** FUNCTIONING, LOWER STEERING COLUMN. LOCATE RIGHT CONNECTOR AT BACK SIDE OF CLOCK SPRING. **FIGURE 21.** IF POSITIONS **6, 5, AND 4** ARE BLANK, USE SERVICE KIT **250-2692 HARNESS.** INSERT **VIOLET WIRE** INTO **PIN 6.** INSERT **YELLOW WIRE** TO **PIN 5.** INSERT **PINK WIRE** TO **PIN 4.** RUN **HARNESS** THROUGH FIRE WALL TO **ECM.** MATCH WIRE TO MATING COLORS OF ECM HARNESS. IF OEM WIRES ARE PRESENT IN THE BACK SIDE OF CLOCK SPRING CONNECTOR, **CUT** PINS OFF OF **59B-05003 HARNESS** AND USE SUPPLIED **T-TAPS** TO CONNECT TO EXISTING WIRES. RUN HARNESS THROUGH FIRE WALL AND CONNECT TO ECM HARNESS AS STATED ABOVE.

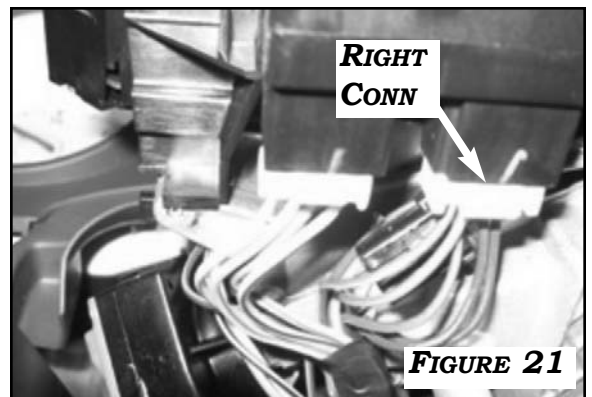


FIGURE 21



ROSTRA PRECISION CONTROLS, INC.
GLOBAL AUTOMOTIVE ACCESSORIES GROUP
2519 DANA DRIVE
LAURINBURG, NC 28352-4000
WWW.ROSTRA.COM
CERTIFIED QS 9000/ISO 9001
MADE IN THE U.S.A.