



Southeast Toyota Distributors, LLC
Parts and Service Support
201 Jim Moran Boulevard
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February 23, 2007

TO: All Southeast Toyota Distributors, LLC.,
Dealer Owners/General Managers named in Dealer Agreement,
Service Managers, Parts Managers

Subject: Safety Recall-(07V-048)
Scion xA,xB Cruise Control malfunction

Southeast Toyota Distributors, LLC will initiate a recall to inspect and if necessary replace defective Cruise Controls on the following vehicles:

- 2007 Scion xA vehicles with Rostra Cruise Controls installed from September 1st 2006 to January 16, 2007
- 2007 Scion xB vehicles with Rostra Cruise Controls installed from September 1st 2006 to January 16, 2007

Certain 2007 Scion xA and xB vehicles with port or dealer installed cruise control manufactured by Rostra Inc. could experience the following condition.

On occasion, while the cruise control is engaged, if the cruise control "On/Off" switch is pressed once, the throttle does not return to idle. When the "On/Off" switch is pressed a second time, the throttle will return to idle.

In the worst case, An accident could be caused in the event that the cruise control does not allow the engine to return to idle on the first depression of the "On/Off" switch.

You are requested to inspect and if necessary install:

- A replacement cruise control regulator on the vehicle.
- Road test the vehicle to ensure that the cruise is operating correctly.

As required by Federal regulations, Dealers must perform the necessary inspection and/or replacement on all vehicles acquired in their inventory prior to sale or lease of the vehicle.

Please review this entire package with your Service and Parts staff to familiarize them with the proper procedures and implementation of this recall. This will ensure customer satisfaction.

1. Owner Notification Letter Mailing Date
(February 26, 2007) (Copy Attached)

2. Identification of Vehicles Involved

- 2007 Scion xA and xB models with cruise control (YR1 Option) installed by Southeast Toyotas' Vehicle Port Processing Center located in Jacksonville, Florida, between September 1st 2006 and January 16, 2007.
- 2007 Scion xA and xB models with cruise control installed by certain dealers in Southeast Toyota Region (Florida, Georgia, North Carolina, South Carolina, and Alabama, between September 1, 2006 and January 16, 2007.

3. Inspection and Repair Procedures

The Inspection and repair procedures are attached to this document

4. Parts Ordering

Parts if required to complete this campaign can be obtained from SET Parts Distribution Center Part number is (Cruise Control Module 00016-79920)

5. Reimbursement Procedures

Inspect for and if necessary replacement of the cruise regulator

Claims should be submitted with the following information.

Inspect and road test

Condition: Rostra cruise control campaign
Cause: Cruise regulator date code on vehicle was _____
Remedy: Inspected and road tested cruise control

Operation Code: CRUIS1 Pays 0.6 hr.
Failed part #: 00016-79910
T1 : 99 T2: 99

Inspect and Replace

Condition: Rostra cruise control campaign
Cause: Cruise regulator date code on vehicle was _____
Remedy: Inspected and replace cruise control regulator.

Operation Code: CRUIS2 Pays 0.7 hr.
Failed part #: 00016-79910
T1 : 99 T2: 99

Note: Parts return tags will be sent to return the replaced regulators to SET.

Thank you for your cooperation.
Southeast Toyota Distributors, LLC

Attachments: Customer Letter
Repair Procedures

TECHNICAL INSTRUCTIONS TO PERFORM SSC-07V-048

SCION xA & xB

PART NUMBER: 00016-79920

CRUISE CONTROL

KIT CONTENTS

ITEM	QTY	DESCRIPTION
1	1	CRUISE CONTROL MODULE
2	1	TIE STRAP
3		
4		
5		
6		
7		
8		
9		
10		

COLOR APPLICABILITY/TRIM LEVEL

ACCESSORY COLOR																						
VEHICLE TRIM COLOR																						

HARDWARE BAG CONTENTS

ITEM	QTY	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

ADDITIONAL ITEMS REQUIRED FOR INSTALL

ITEM	QTY	DESCRIPTION
1		
2		
3		
4		

CONFLICTS

NOTE:

RECOMMENDED TOOLS

SAFETY TOOLS	
SPECIAL TOOLS	
INSTALLATION TOOLS	
10MM WRENCH	
TORX-15 WRENCH	
WIRE/SIDE CUTTERS	
SPECIAL CHEMICALS	

GENERAL APPLICABILITY







XA AND xB EQUIPPED WITH YR1; OR
DIO CRUISE CONTROL

RECOMMENDED SEQUENCE OF APPLICATION

DATE CODE VERIFICATION	PAGE 2
REMOVING THE SUSPECT MODULE	PAGE 3
INSTALLING THE REPLACEMENT MODULE	PAGE 4

* MANDATORY

LEGEND

	STOP: DAMAGE TO VEHICLE MAY OCCUR. DO NOT PROCEED UNTIL PROCESS COMPLIANCE HAS BEEN MET.
	OPERATOR SAFETY: USE CAUTION TO AVOID RISK OF INJURY.
	CRITICAL PROCESS: PROCEED WITH CAUTION TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED ON A COMPLETED VEHICLE INSTALLATION.
	GENERAL PROCESS: THIS HIGHLIGHTS SPECIFIC PROCESSES TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED DURING THE ACCESSORY INSTALLATION.
	TOOLS & EQUIPMENT: THIS CALLS OUT THE SPECIFIC TOOLS AND EQUIPMENT REQUIRED FOR THE PROCESS.
	REVISION MARK: 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.

DATE CODE VERIFICATION

- A.** IF **MODULE** INCLUDES A P/N LABEL AS NOTED IN **FIGURE 1A**, THE VEHICLE HAS ALREADY BEEN CORRECTED PER **SSC-07V-048**



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



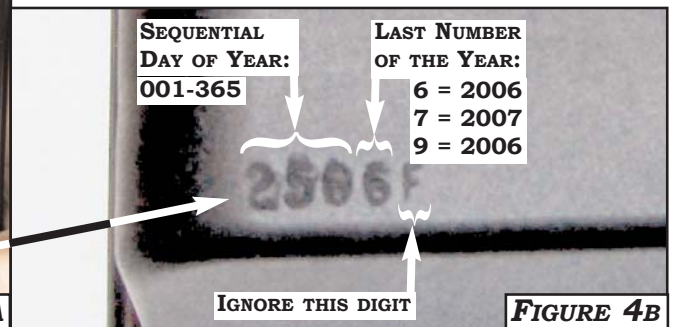
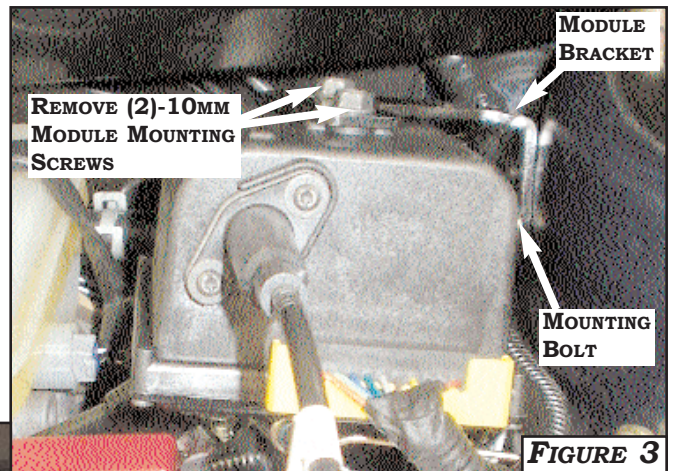
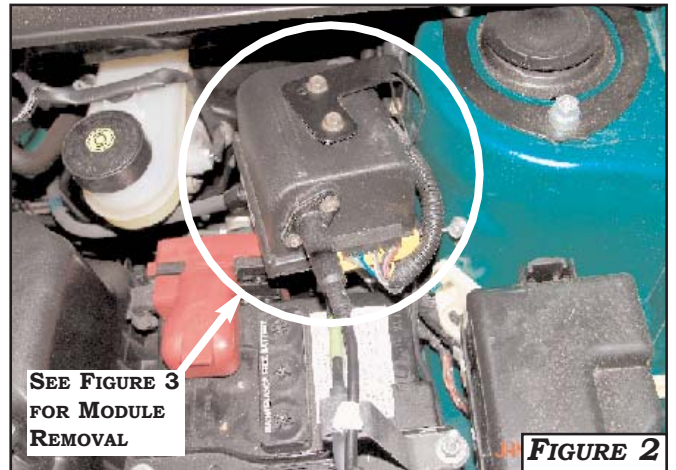
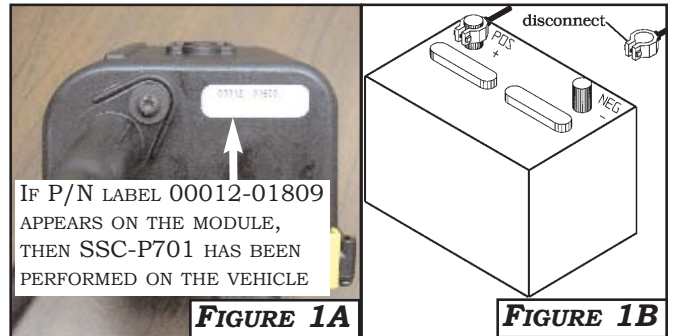
- CUT** AND REMOVE **TIE STRAP** SECURING **CRUISE CABLE** TO EXISTING **VEHICLE THROTTLE CABLE**.

- REMOVE **CRUISE MODULE** BY REMOVING THE **(2)-10MM MODULE MOUNTING SCREWS** AS ILLUSTRATED IN **FIGURES 2 & 3.**

- CHECK **CRUISE MODULE** FOR **DATE CODE** AS SHOWN IN **FIGURES 4A & 4B.**
THE **CODE** STAMPED ON THE UNIT CONTAINS **5 DIGITS (4 NUMBERS AND 1 LETTER)**. FROM THE LEFT, THE FIRST **4 DIGITS (NUMBERS)**. **IGNORE THE 5TH DIGIT.**
REPLACE ALL CRUISE CONTROL MODULES WITHIN THE FOLLOWING DATE CODES:

- 243 THRU 365 4TH DIGIT 6
- 243 THRU 365 4TH DIGIT 9
- 001 THRU 017 4TH DIGIT 7

IF THE VEHICLE INCLUDES A MODULE NOT IN THE **DATE CODE** RANGES LISTED ABOVE, **RECORD** DATE CODE FOR INPUT INTO THE **CCR FIELD** OF THE WARRANTY CLAIM. BE SURE TO RECORD DATE CODES ON ALL VEHICLES INSPECTED. **WARRANTY CLAIMS SUBMITTED WITHOUT DATE CODES WILL NOT BE APPROVED FOR PAYMENT.** THEN CONTINUE TO **STEP 16** ON **PAGE 5.**
IF THE **DATE CODE** FALLS WITHIN THE SPECIFIED RANGES LISTED ABOVE PROCEED TO **STEP 5** ON **PAGE 3.**



REMOVING THE MODULE



5. REMOVE THE (2)-TORX 15 CABLE MOUNTING SCREWS AS SHOWN IN **FIGURE 5**.

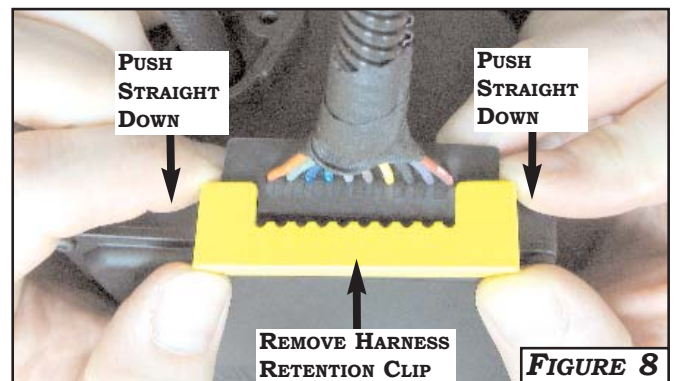
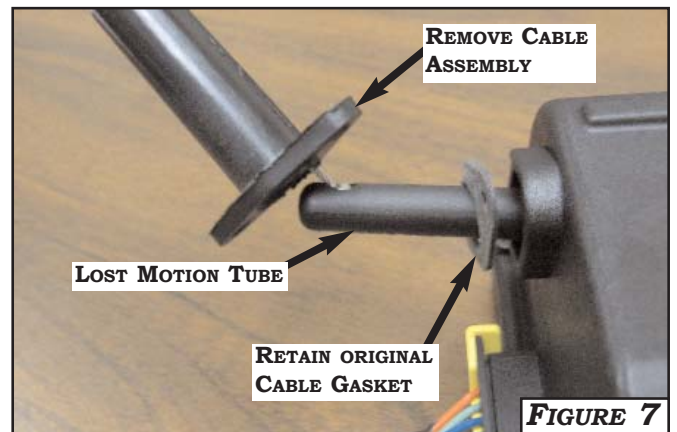
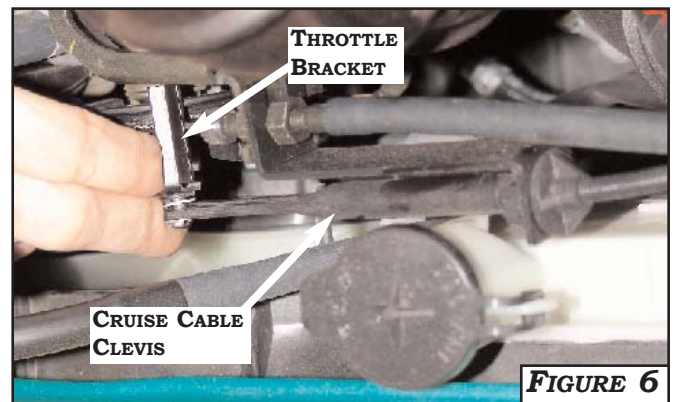
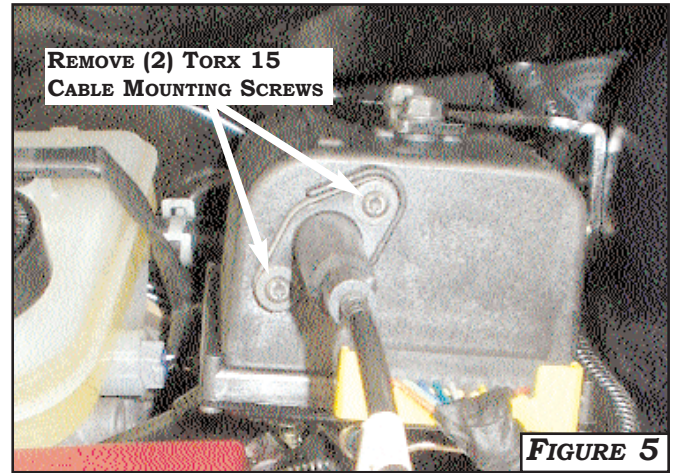
NOTE: RELEASE CABLE TENSION AT THROTTLE BODY END OF CABLE ASSEMBLY BY ROTATING **THROTTLE BRACKET ASSEMBLY TO WIDE OPEN THROTTLE**. (SEE **FIGURE 6**) BE SURE TO TAKE **SLACK** OUT OF THE **CRUISE CABLE** BY APPLYING PRESSURE TO THE **CRUISE CONTROL CABLE CLEVIS**.

6. REMOVE **CABLE ASSEMBLY** FROM **CRUISE MODULE**. SEE **FIGURE 7**. BE SURE TO RETAIN ORIGINAL **CABLE GASKET** FOR INSTALLATION OF NEW **CRUISE MODULE**.

7. REMOVE THE **YELLOW CRUISE HARNESS RETENTION CLIP** FROM **CRUISE MODULE**. SEE **FIGURE 8**. BE SURE TO RETAIN THIS CLIP FOR INSTALLATION OF NEW **CRUISE MODULE**.

8. REMOVE **CRUISE HARNESS** FROM **CRUISE MODULE** BY PULLING FIRMLY ON CRUISE HARNESS **GROMMET**. THE **GROMMET** AND CRUISE HARNESS **CONNECTOR** ARE TIGHTLY SECURED INTO THE CRUISE HOUSING. **FIGURE 9**

CAUTION: BE CAREFUL NOT TO **PULL THE CRUISE HARNESS** OR **INDIVIDUAL WIRES** AS THIS WILL **DAMAGE THE HARNESS WIRES AND/OR CONNECTOR**.



INSTALLING THE MODULE

9. INSTALL **CRUISE HARNESS** INTO **NEW CRUISE MODULE** AS SHOWN IN **FIGURE 10**.

NOTE: **CONNECTOR** WILL ONLY INSERT IN ONE DIRECTION. ENSURE **ORANGE WIRE** IS LOCATED CLOSEST TO **LOST MOTION TUBE** TO ELIMINATE THE POSSIBILITY OF DAMAGING THE **CONNECTOR** OR **CRUISE HOUSING**.

10. PRESS **FIRMLY** ON **GROMMET** TO FULLY SEAT **CONNECTOR** AND ENSURE A PROPER FIT. **GROMMET** SHOULD FULLY SEAT AGAINST **CRUISE HOUSING**.

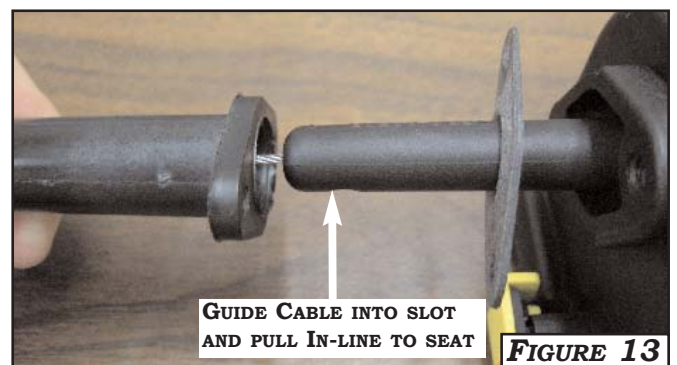
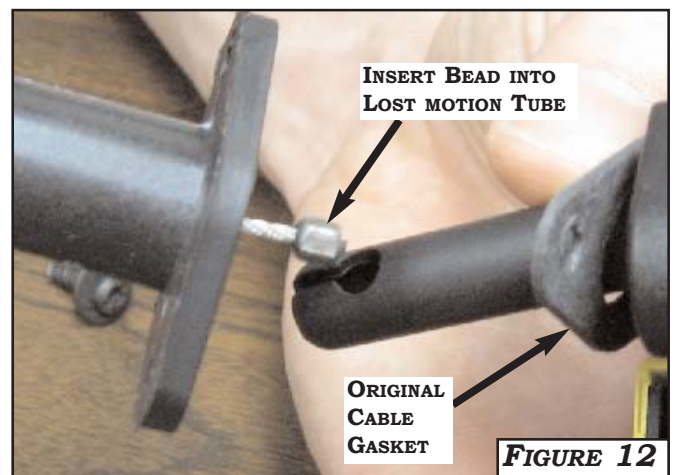
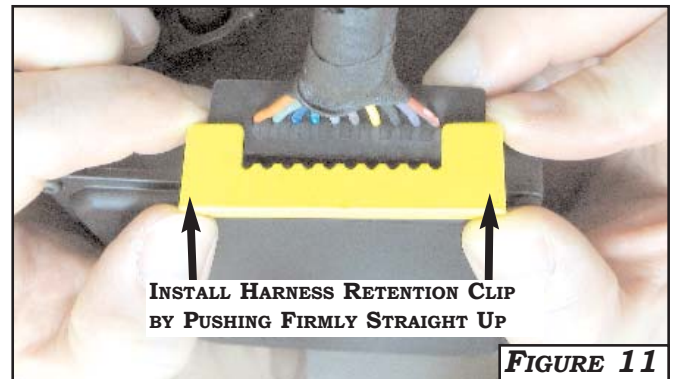
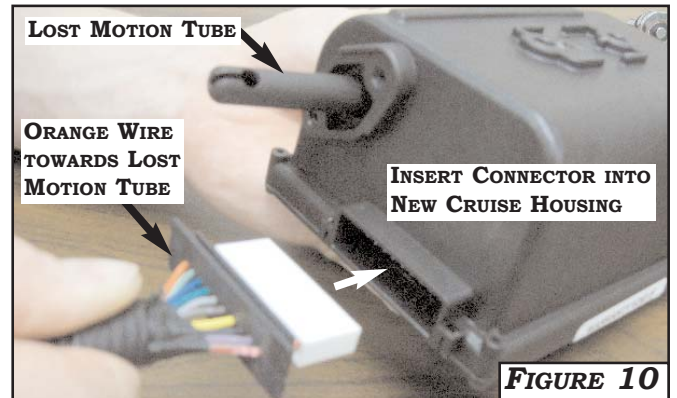
11. REINSTALL **HARNESS RETENTION CLIP** AS SHOWN IN **FIGURE 11**. PRESS DOWN FIRMLY TO FULLY SEAT **CLIP**.

12. SLIDE **ORIGINAL CABLE GASKET** OVER **LOST MOTION TUBE**.

13. INSERT **BEAD** OF **CABLE ASSEMBLY** INTO **LOST MOTION TUBE** AS SHOWN IN **FIGURE 12**.

NOTE: RELEASE CABLE TENSION AT THROTTLE BODY END OF CABLE ASSEMBLY BY ROTATING **THROTTLE BRACKET ASSEMBLY** TO **WIDE OPEN THROTTLE**. (SEE **FIGURE 6**) BE SURE TO TAKE **SLACK** OUT OF THE **CRUISE CABLE** BY APPLYING PRESSURE TO THE **CRUISE CONTROL CABLE CLEVIS**.

14. GUIDE **CABLE** INTO **SLOT** OF **LOST MOTION TUBE** AND PULL **CABLE ASSEMBLY** AWAY FROM **CRUISE MODULE** TO SEAT **BEAD** PROPERLY. **FIGURE 13**



INSTALLING THE MODULE



15. ALIGN **CABLE HOUSING** AND **CABLE GASKET** AND INSTALL **(2)-TORX 15 SCREWS**. TIGHTEN **SCREWS** TO **15.96-18.60LBS*IN**. **FIGURE 14**

NOTE: Do Not Overtighten Screws as this will cause the screws to strip and result in a poor seal and possible **DAMAGE** to the **CRUISE MODULE**.

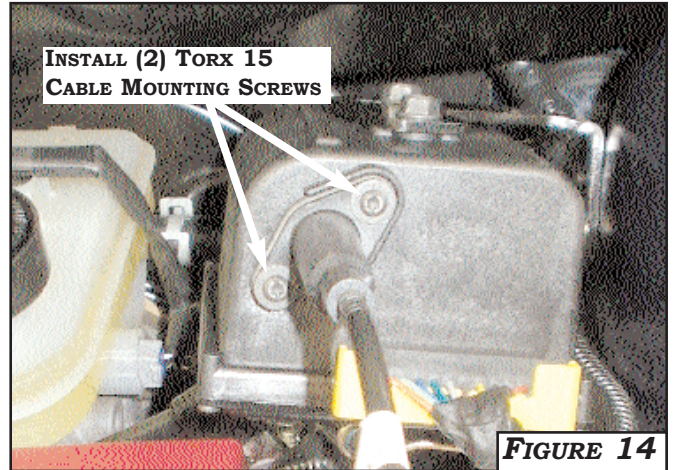


FIGURE 14



16. INSTALL **(2)-10MM SCREWS** AND TIGHTEN TO **48.72-57.48LBS*IN**. **FIGURE 15**

NOTE: Do Not Overtighten Screws as this will cause the screws to strip resulting in possible **DAMAGE** to the **CRUISE MODULE**.

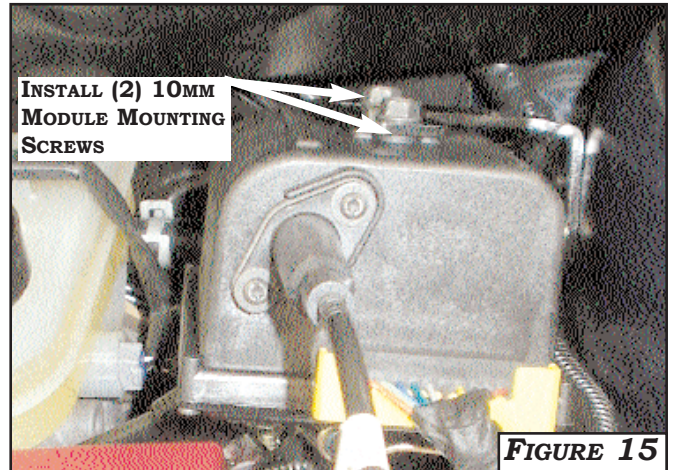


FIGURE 15

17. RESECURE **CABLE ASSEMBLY** WITH **CABLE TIE**.
18. ENSURE ALL **CABLES** AND **HARNESSES** ARE **SECURE** AND AWAY FROM ANY MOVING PARTS.

NOTE: INSPECT THE CABLE ASSEMBLY MAKING SURE THE CABLE IS FREE OF KINKS AND SHARP BENDS THAT MAY RESTRICT CABLE MOVEMENT.

19. TEST **CRUISE MODULE** ACCORDING TO **OPERATOR INSTRUCTIONS**, SEE **PAGE 6**.

OPERATING INSTRUCTIONS

ON- TO OPERATE THE CRUISE CONTROL, PUSH THE CRUISE “ON/OFF” BUTTON “ON”. (GREEN INDICATOR WILL LIGHT.) WAIT 3 SECONDS BEFORE SETTING SPEED.

SET SPEED- TO ENGAGE SYSTEM, DRIVE AT ANY SPEED ABOVE 33 MPH, PRESS “SET/COAST” OR PRESS “RESUME/ACCEL” AND RELEASE, THEN REMOVE YOUR FOOT FROM THE ACCELERATOR PEDAL. AUTOMATIC CONTROL WILL BE AT THE SPEED OF THE VEHICLE WHEN BUTTON IS RELEASED PLUS OR MINUS 1- 1/2 MPH. PRESS ACCELERATOR AND SPEED WILL INCREASE, RELEASE ACCELERATOR AND YOU WILL RETURN TO SET SPEED. THE RESUME/ACCEL BUTTON WILL SET THE CRUISE CONTROL WITHOUT PRESSING THE SET BUTTON FIRST.

COAST- PRESS AND HOLD THE “SET/COAST” BUTTON AND YOUR SPEED WILL DECREASE. RELEASE BUTTON AND SPEED OF VEHICLE AT TIME BUTTON IS RELEASED WILL BE NEW SET SPEED IF ABOVE 33 MPH.

ACCEL- PRESS AND HOLD THE “RESUME/ACCEL” BUTTON AND YOUR SPEED WILL INCREASE. RELEASE BUTTON AND YOU WILL HAVE A NEW HIGHER SET SPEED.

TAP-UP- YOU CAN GRADUALLY INCREASE YOUR SPEED BY QUICKLY PRESSING AND RELEASING THE “RESUME/ACCEL” BUTTON. EACH TIME YOU PRESS AND RELEASE THE BUTTON YOUR SPEED WILL INCREASE BY ONE TO TWO MPH.

TAP-DOWN- YOU CAN GRADUALLY DECREASE YOUR SPEED BY QUICKLY PRESSING AND RELEASING THE “SET/COAST” BUTTON. EACH TIME YOU PRESS AND RELEASE THE BUTTON YOUR SPEED WILL DECREASE BY ONE OR TWO MPH.

DISENGAGE- DEPRESS BRAKE PEDAL SLIGHTLY - AUTOMATIC SPEED CONTROL WILL CEASE BUT SET SPEED WILL STAY IN SYSTEM’S MEMORY.

POWER OFF- THE CRUISE CONTROL POWER SWITCH CAN ALSO BE USED TO DISENGAGE THE SYSTEM. WHILE CRUISING AT A SET SPEED, TURN THE POWER SWITCH OFF. THE AUTOMATIC SPEED CONTROL WILL CEASE AND THE PREVIOUSLY SET SPEED WILL BE ERASED FROM THE SYSTEM’S MEMORY.

RESUME- AFTER DISENGAGING SYSTEM WITH BRAKE OR CLUTCH, RETURN TO SET SPEED BY DRIVING ABOVE 33 MPH. THEN PRESS “RESUME/ACCEL” BUTTON AND RELEASE IT. IF ACCELERATION RATE IS FASTER OR SLOWER THAN YOU LIKE, DRIVE TO WITHIN A FEW MPH OF YOUR SET SPEED, THEN PRESS AND RELEASE THE RESUME/ACCEL BUTTON.

THINGS YOU SHOULD KNOW ABOUT YOUR CRUISE CONTROL

THE PERFORMANCE OF THE CRUISE CONTROL IS DEPENDENT UPON THE CONDITION OF THE ENGINE, ITS SIZE AND EVEN BY THE TYPE OF EMISSION CONTROL EQUIPMENT IT HAS. DRIVING AT HIGHER ALTITUDE WILL HAVE AN EFFECT ON THE VEHICLE CRUISE CONTROL PERFORMANCE.

UNDER NORMAL CONDITIONS AND WITH PROPER REGULATOR ADJUSTMENTS, SPEED SHOULD BE CONTROLLED WITHIN PLUS OR MINUS 1- 1/2 MPH. THERE MAY BE SITUATIONS; HOWEVER, WHICH MAKE IT SEEM AS IF THE CRUISE CONTROL IS NOT CAPABLE OF FUNCTIONING ACCURATELY, SUCH AS AN EXTRA HEAVY LOAD, A VERY STEEP HILL, OR A SEVERE HEADWIND.

CAUTION: Do not use Cruise Control on a Slippery Road or in Heavy Traffic.

CAUTION: (Manual Transmission) WHILE DRIVING WITH CRUISE CONTROL “ON”, DO NOT SHIFT TO NEUTRAL WITHOUT DEPRESSING THE CLUTCH PEDAL, AS THIS MAY CAUSE ENGINE RACING OR OVERREVING. IF THIS HAPPENS, DEPRESS THE CLUTCH PEDAL OR TURN “OFF” THE MAIN CRUISE CONTROL SWITCH IMMEDIATELY.



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