



MEDIC UPDATE
TECHNICAL SERVICE BULLETIN

SUBJECT :
**NO ENGINE CRANK - LOSS
OF COMMUNICATIONS WITH
FRONT CONTROL MODULE**

No: **TSB-05-16-001**

DATE: **December, 2005**

MODEL: **2006 Raider**

CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

Some customers may complaint of a no-crank (and no start) condition. Diagnosis may reveal a total loss of communications between the scan tool and the vehicle, due to loss of communications with the Front Control Module (FCM). Follow the instructions in this bulletin to eliminate this condition.

AFFECTED VEHICLES

2006 Raider

PROCEDURE

1. Locate the FCM serial number on the FCM part number label (on outside of the FCM module).

The 6th, 7th, and 8th digits in the serial number identify the day of the calendar year (Julian date) that the FCM was manufactured.

The 9th digit identifies the year that the FCM was manufactured.

FCM SERIAL NUMBER SAMPLE:

T 4 4 H U 2 7 6 5 0 0 L K N

Day of the calendar year
(276 = October 3)

Year
(5 = 2005)

Determine the date that the FCM was manufactured, based on the FCM serial number.

a.If the FCM was manufactured **before** October 3, 2005, continue with Step 2.

b.If the FCM was manufactured **on or after** October 3, 2005, **STOP**. Do not continue with this bulletin procedure. Refer to Group 13C in the Raider service manual for FCM diagnosis.

2.Verify that the vehicle battery is properly charged and that there are no electrical harness disconnects. Correct as necessary.

3.Turn the ignition key to START and confirm whether the engine cranks.

a.If the engine cranks, **STOP**. Do not continue with this bulletin procedure.

b.If the engine **does not crank**, turn the ignition key to OFF and continue with Step 4.

4.Connect the MUT-III scan tool to the vehicle.

5.Turn the ignition key to "UNLOCK". In the Raider menu, click on "Front Control Module (FCM)."

a.If the MUT-III communicates with the FCM, this bulletin procedure is complete.

b.If the MUT-III does **NOT** communicate with the FCM, go to Step 6 for FCM replacement.

6.With the ignition key OFF, disconnect and isolate the battery negative cable.

- a. Replace the Front Control Module (FCM). Refer to Group 13C in the Raider service manual.
- b. Clear all vehicle control modules of any DTCs that may have set during this procedure.

PARTS INFORMATION

Description	Model	Part Number
Front Control Module	Raider 2WD	04692018AH
Front Control Module	Raider 4WD	04692019AH

WARRANTY INFORMATION

Front Control Module Replacement	
<i>Labor Operation No.</i> 08190897	<i>Time Allowance:</i> 0.3 hr.
<i>Warranty Coverage:</i> Basic coverage (5 years/60,000 miles)	
<i>Special Warranty Information:</i> Normal warranty procedures apply.	

Mitsubishi Motors North America, Inc.

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