TESTING THE SUPER SELECT ECU

NOTE: 12 VOLT = SYSTEM VOLTAGE

1 to 2 volt + -

Connector block

1	2	V		3	4
5	6	7	8	9	10

	HIGH LOW DETECTION SWITCH			4 WHEEL DRIVE DETECTION SWITCH			IGNITION SWITCH		4 WHEEL DRIVE INDICATOR LAMP			VCU LOCK DETECTION SWITCH			FREE WHEEL ENGAGE SWITCH			VCU LOCK OPERATION DETECTION SWITCH			EARTH	4WD INDICATOR LAMP REAR WHEELS			4WD INDICATOR LAMP FRONT WHEELS		
	TERMINAL 1			TERMINAL 2			TERMINAL 3		TERMINAL 4			TERMINAL 5			TERMINAL 6			TERMINAL 7			8	TERMINAL 9			TERMINAL 10		
IGNITION	ON	4HLc TO 4HLc	4LLc TO 4LLc	ON	2H	4H	ON	OFF	ON	4H	4HLc	ON	4H	4HLc	ON	2WD	4WD	ON	4H	4HLc		ON	4HLc TO 4HLc	4LLc TO 4LLc	ON	2WD	4WD
REQUIRED READING		12 volt	0 volt		12 volt	0 volt	12 volt	0 volt		12 VOLT	1,5 volt and lower		12 volt	0 volt		12 volt	0 volt		12 volt	0 volt			0 volt	12 volt		0 volt	12 volt
ACTUAL READING																											

Measure terminal voltage on each condition. Connect the terminal to the ECU. Insert the probe at the back side of the connector and measure voltage between terminal number 8 (earth) and each terminal as per above diagram.

TESTING THE DETECTOR SWITCHES

NAMES	CONNECTOR COLOUR	HARNESS TUBE COLOUR	SWITCH PRESSED	SWITCH RELEASED
HI-LO DETECTOR SWITCH	BLACK	BLACK	NO CONTINUITY	CONTINUITY EXISTS
4WD DETECTOR SWITCH	WHITE	BLACK	NO CONTINUITY	CONTINUITY EXISTS
LOCK DETECTOR SWITCH	BROWN	BLACK	NO CONTINUITY	CONTINUITY EXISTS
4WD OPERATION DETECTOR SWITCH	WHITE	BLUE	CONTINUITY EXISTS	NO CONTINUITY
LOCK OPERATION DETCTOR SWITCH	BROWN	YELLOW	CONTINUITY EXISTS	NO CONTINUITY