



**STARTER INTERRUPT OPERATION**

1. 12 VOLT START SIGNAL FROM KEY SWITCH GOES YELLOW WIRE ON J1 STARTER IN CONNECTOR AND GOES TO COMMON AND PIN 85 COIL + OF STARTER RELAY.
2. ECM READS SIGNALS FROM ALL DOOR SWITCHES, BUMPER KILL CAP, AND VERIFIES OVER J1939 THAT THE ENGINE IS NOT BROADCASTING AN EMERGENCY SHUTDOWN FAULT. ECM HAS THE CAPABILITY OF HAVING UP TO 4 DOOR SWITCH INPUTS AND KILL CAP INPUTS PROGRAMMED. THEY CAN BE SELECTIVELY TURNED ON OR OFF. ECM WILL LOOK FOR THE CORRECT SIGNALS FROM ANY OF THE SWITCHES OF KILL CAPS THAT ARE ENABLED.
3. ECM SENDS LOW SIDE SIGNAL TO STARTER RELAY PIN 86 COIL - WHEN ALL SWITCH AND ENGINE ARE IN CORRECT STATE TO CLOSE THE STARTER RELAY.
4. WHEN STARTER RELAY CLOSES 12 VOLTS GOES BACK ON GRAY WIRE TO TO P1 STARTER INTERRUPT STARTER SIDE ON CAB HARNESS.

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DRAWN CBC	6-6-17	MOMENTUM FUEL TECHNOLOGIES 1051 Republic Drive, Suite 200 Roanoke, TX 76262	
CHECKED		TITLE	
QA		SCHEMATIC-STARTER INTERRUPT	
MFG		SIZE	DWG NO
APPROVED		B	MP97-1600
Part Mass		SCALE: NTS	SHEET 1 OF 1