

EDRT

MERCEDES-BENZ ENGINES

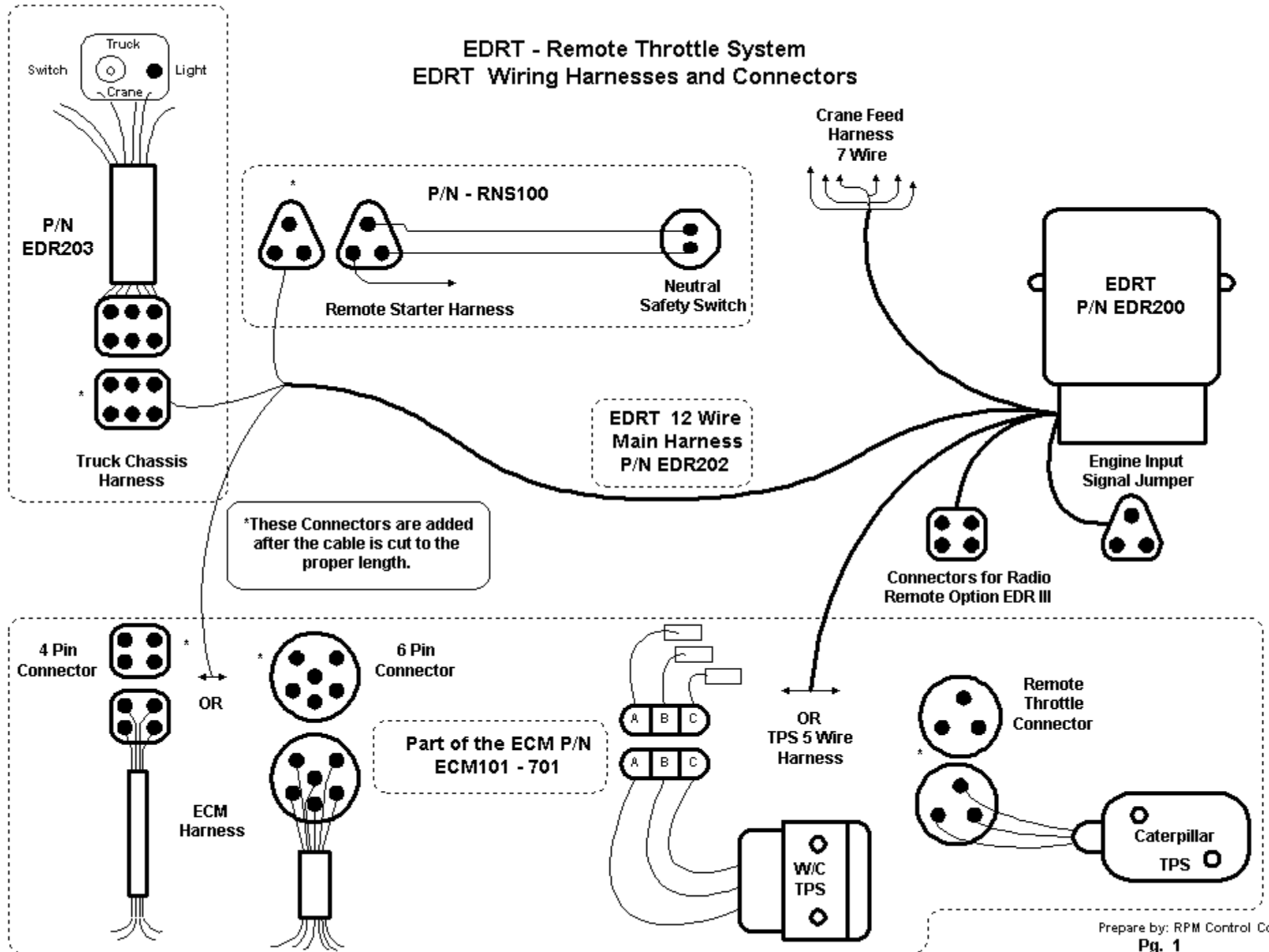
MANUAL

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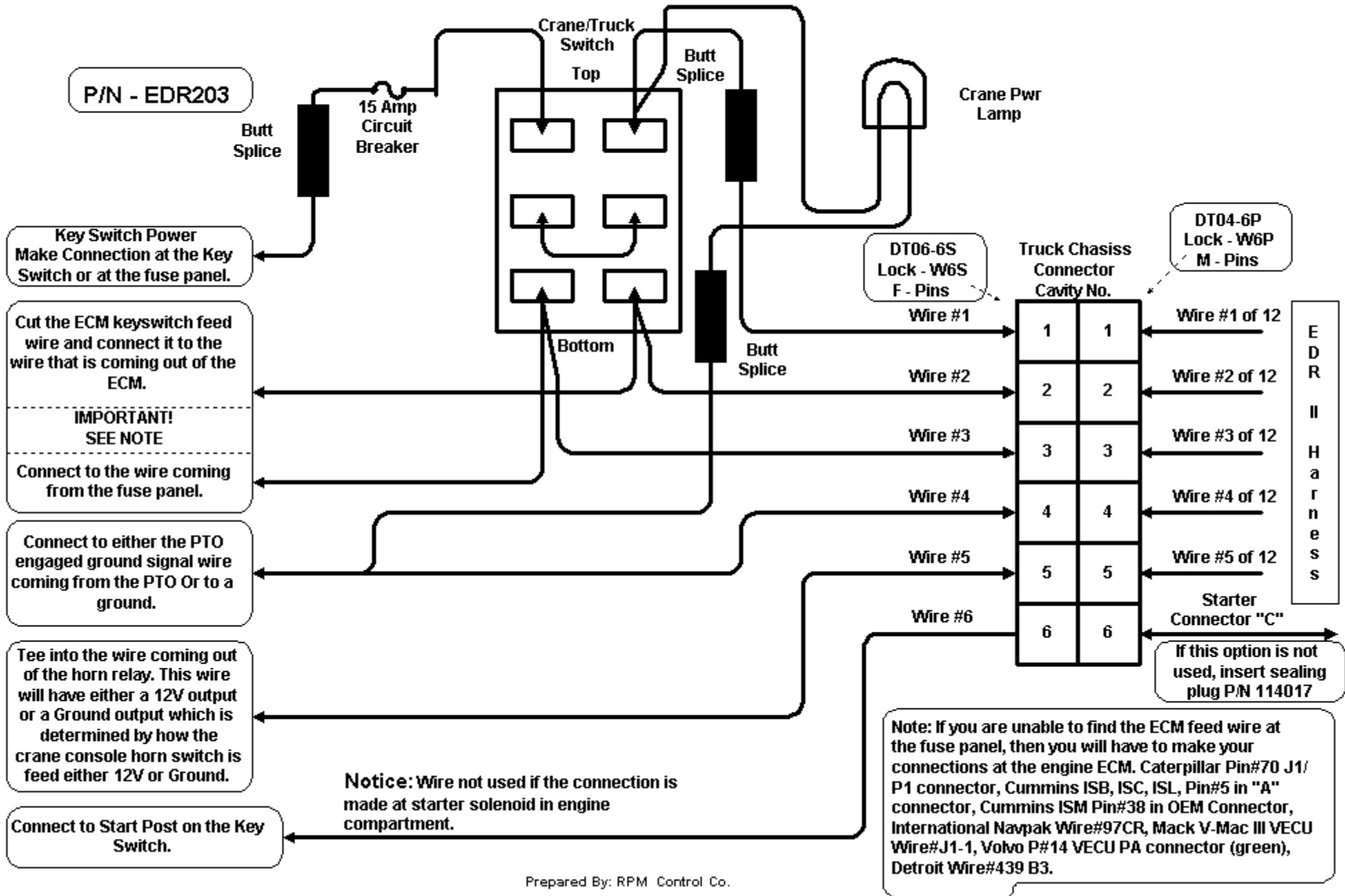
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EDRT - Remote Throttle System

EDRT Wiring Harnesses and Connectors

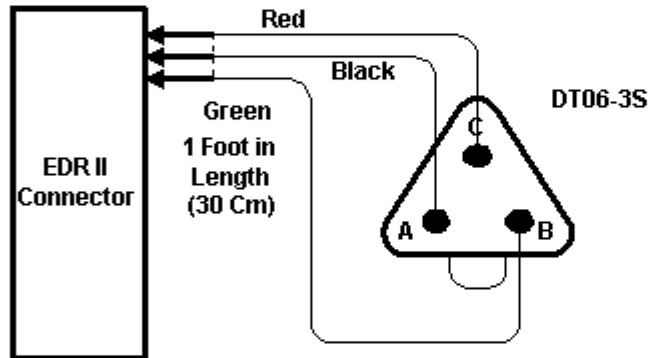


EDRT - Remote Throttle System Dash Crane/Truck Switch & Chassis Harness Connections

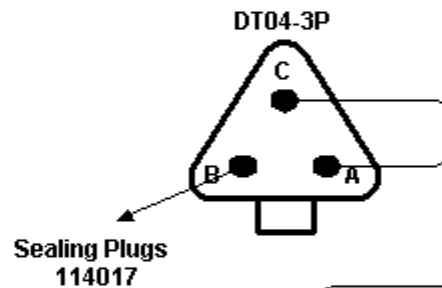


Negative & Positive Engine Input Plug Configuration

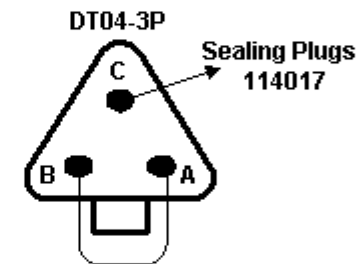
IMPORTANT! _ The Engine Input Plug has to be configured properly to match the inputs needed by the engine's ECM that you are hooking up this system to. Refer to this diagram to determine the proper configuration of the Engine Input Plug. This **MUST** be done first before connecting the Main Harness to the EDRT. Failure to do this procedure properly may cause permanent damage to the engine's ECM.



Negative Input Engines



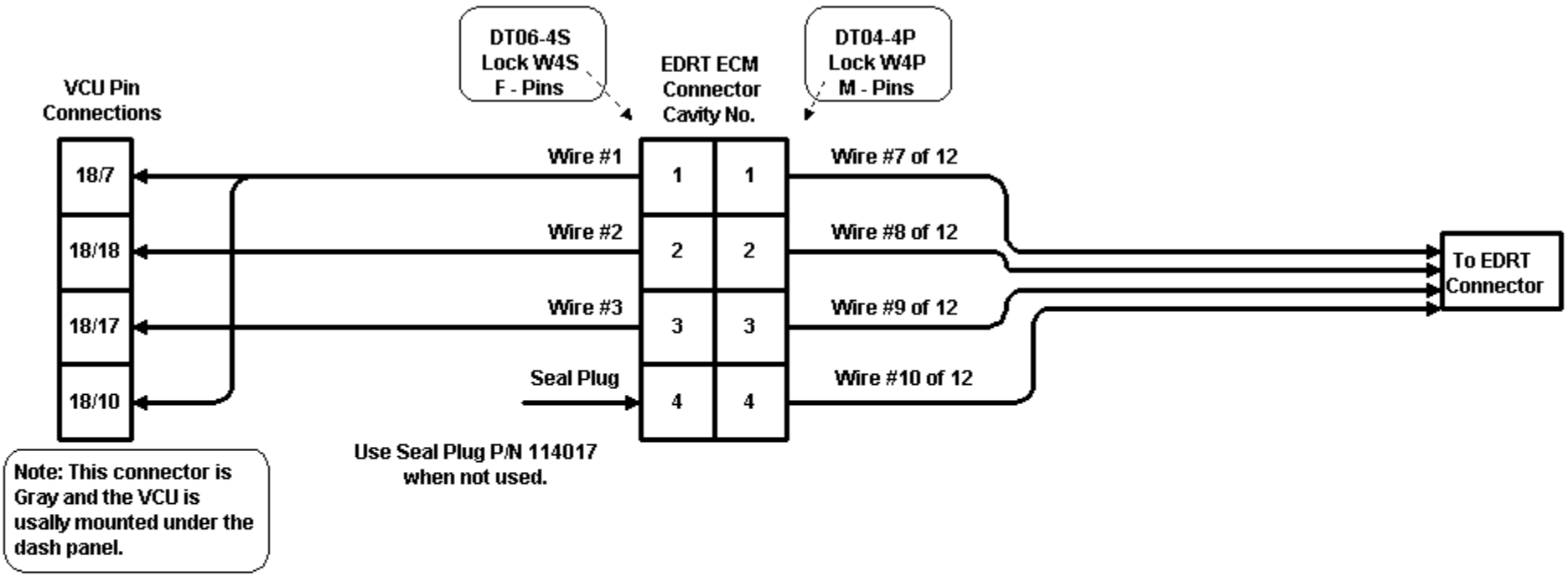
Positive Input Engines



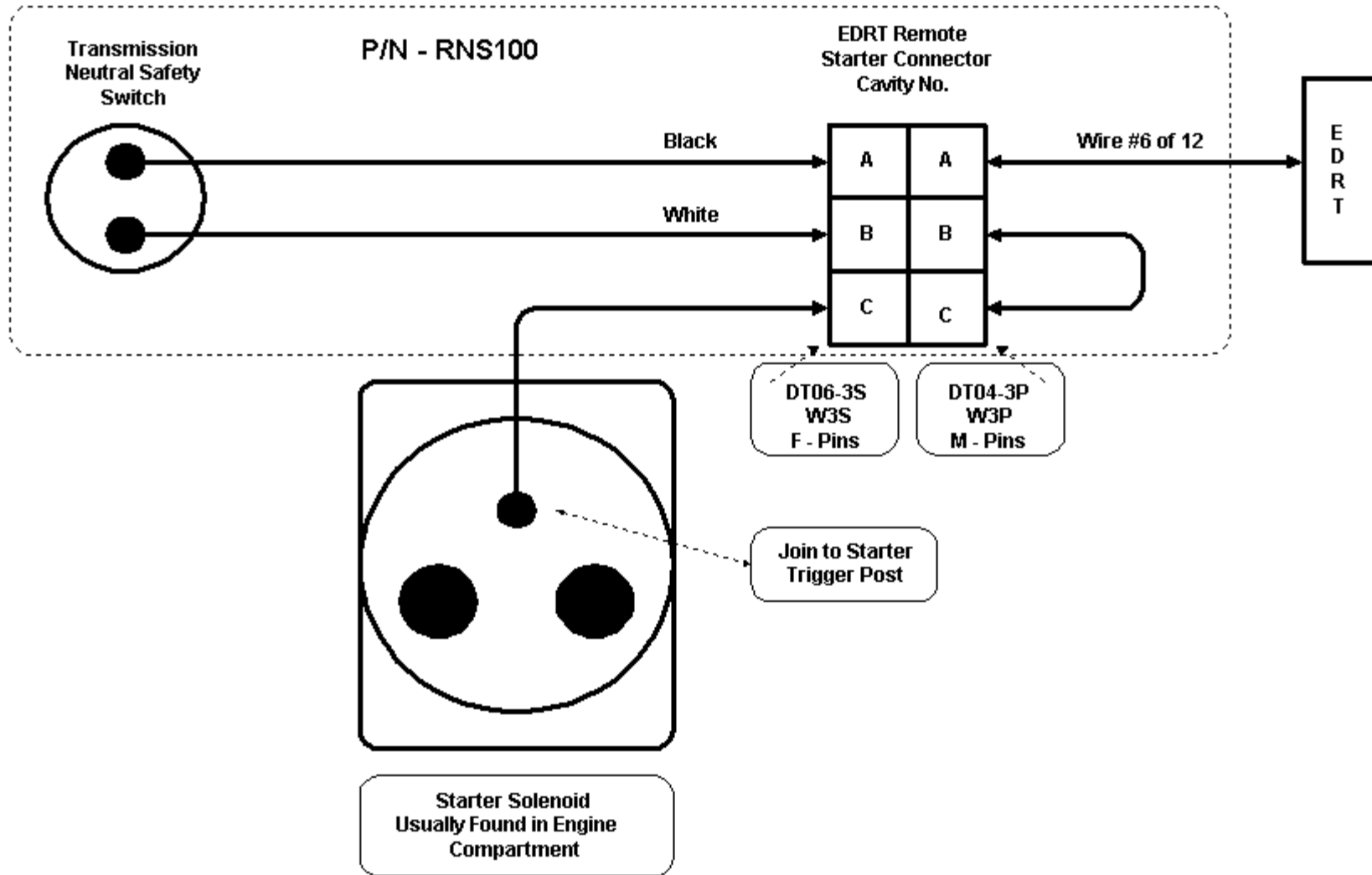
Configure the Engine Input Plug by using the table below.

<u>Negative Input Engine</u>	<u>Positive Input Engine</u>
Caterpillar Cummins Mercedes-Benz Detroit	Mack V-Mac Volvo International

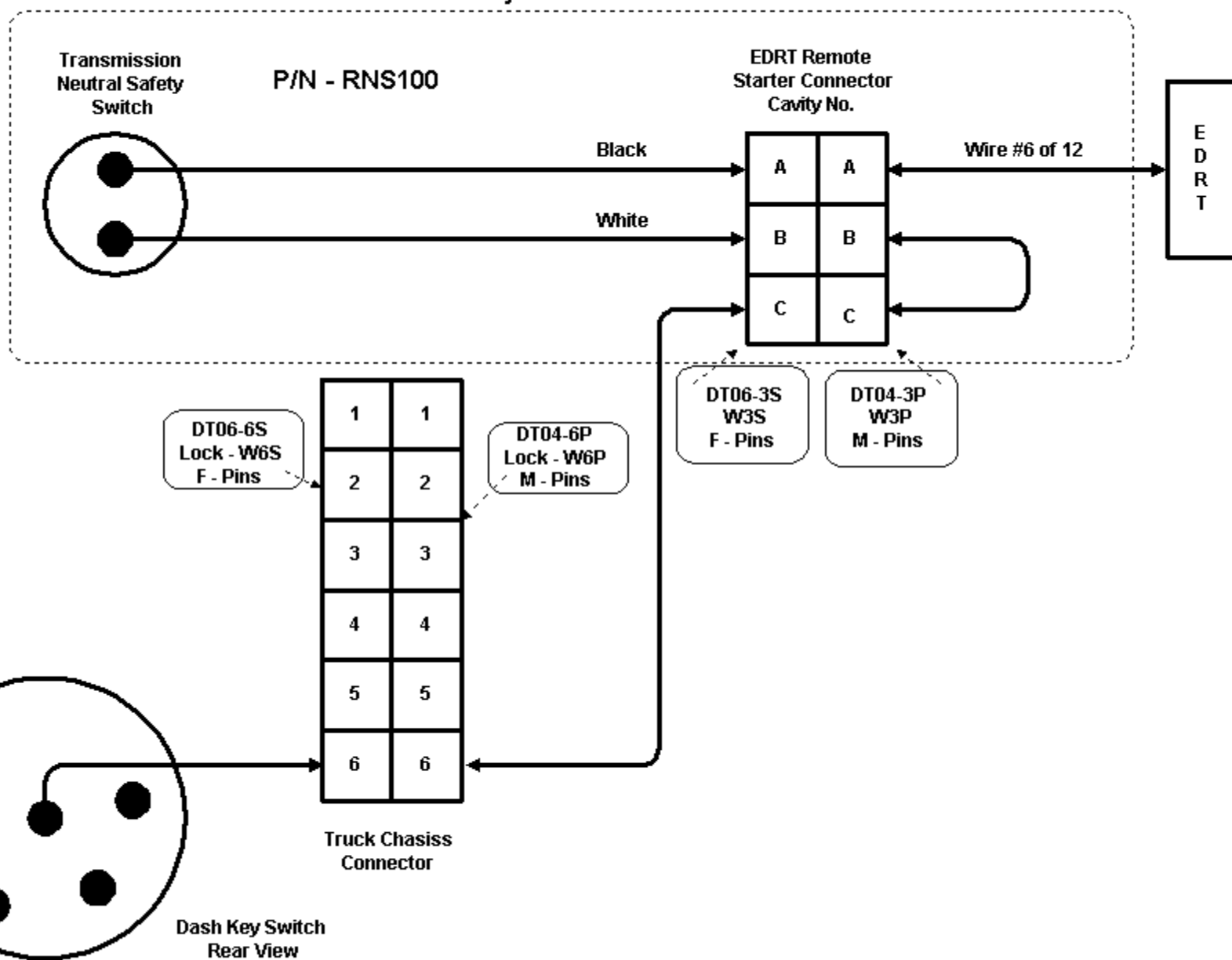
EDRT - Remote Throttle System
ECM Connector Wire Arrangements
Mercedes-Benz Engine
P/N ECM600



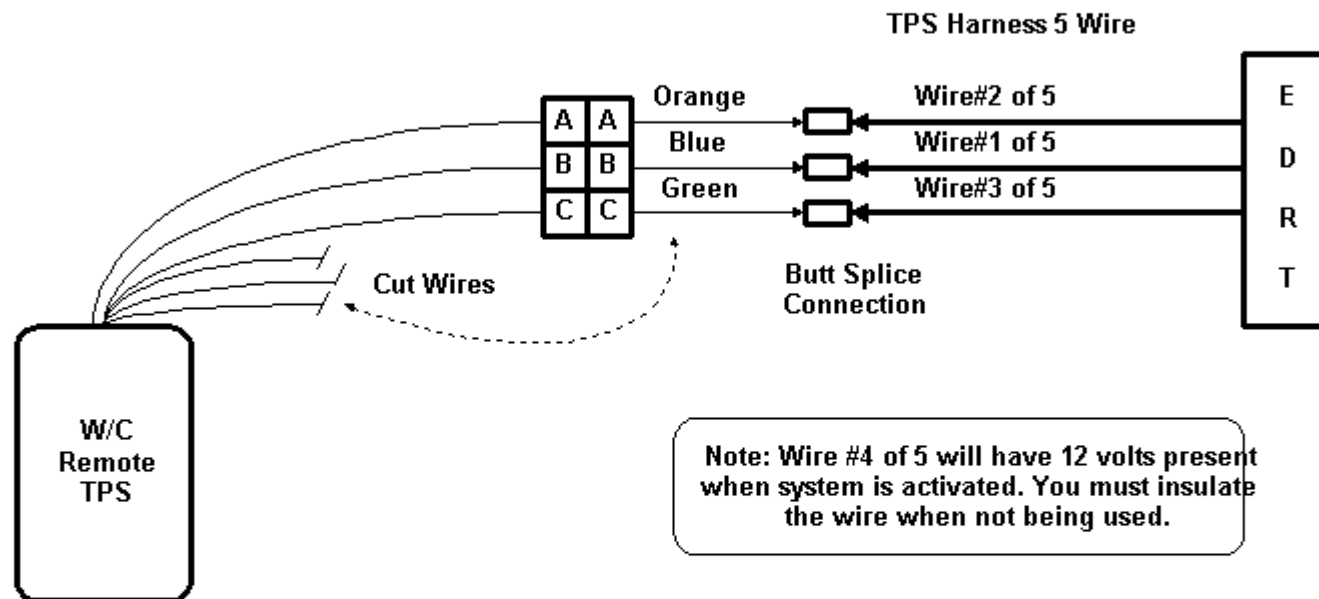
**EDRT - Remote Throttle System
Remote Start Wire Arrangements
Truck Chassis at Starter Solenoid**



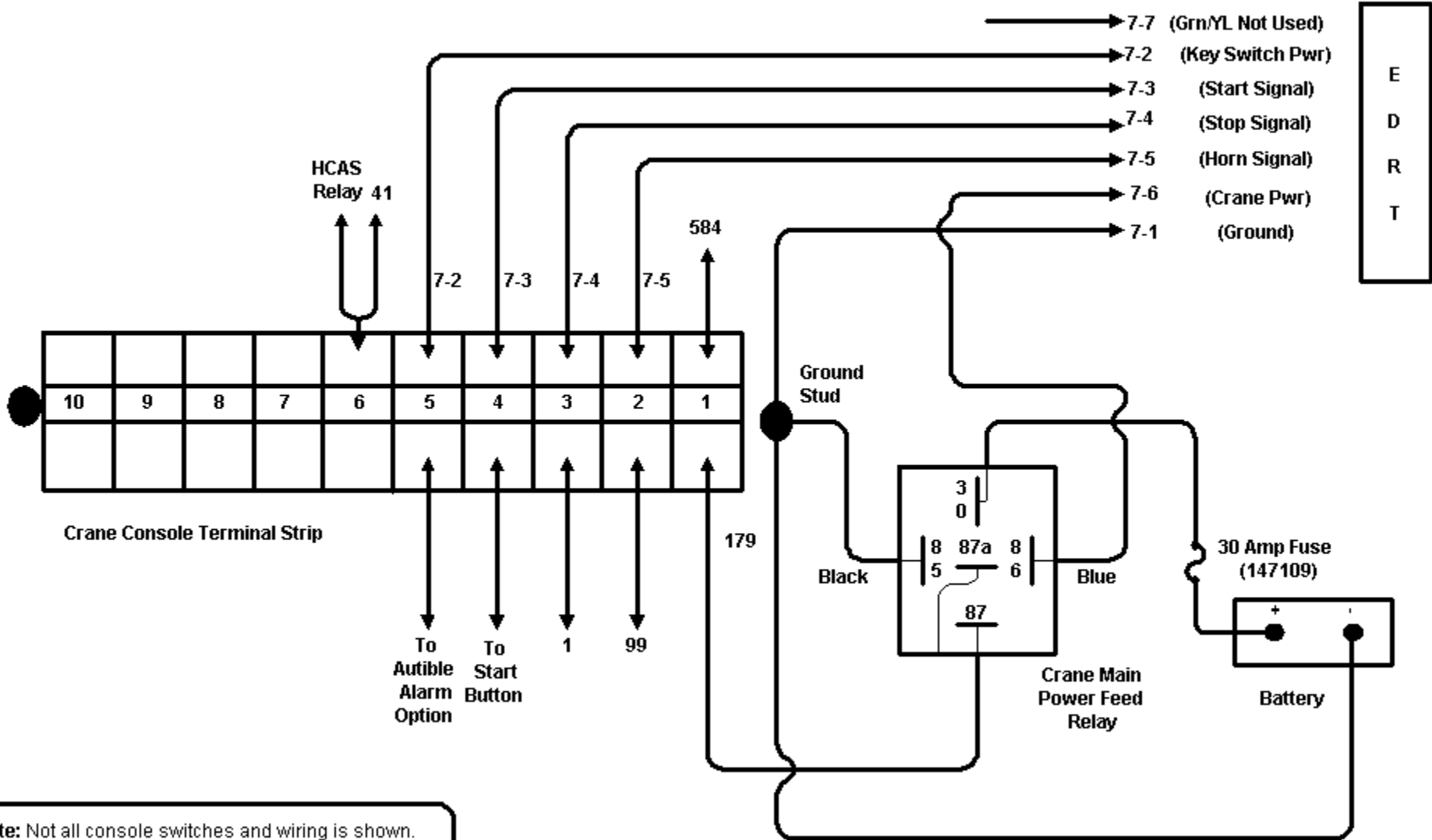
**EDRT - Remote Throttle System
Remote Start Wire Arrangements
Truck Chassis Key Switch Connection**



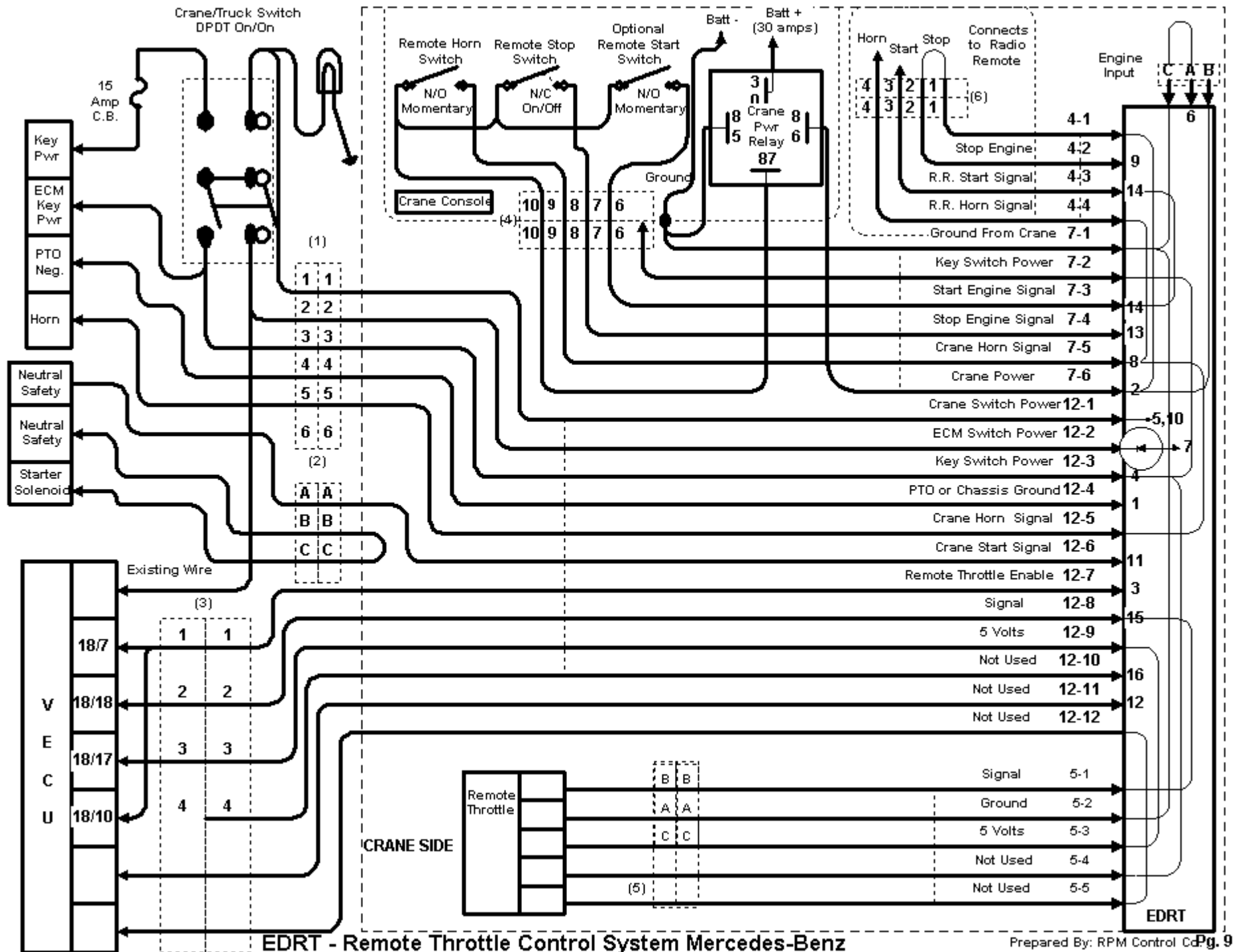
EDRT - Remote Throttle System
W/C TPS Wire Arrangements For
Cummins, Detroit, Mack, International, Mercedes-Benz



EDRT - Remote Throttle System Crane Feed Harness



Note: Not all console switches and wiring is shown. Refer to the crane electrical schematic in the owner's manual



EDRT - Remote Throttle Control System Mercedes-Benz

EDRT Control System Engine Parameter Settings

Mercedes-Benz

RPM Style: Remote TPS

Remote Switch Style: Throttle Position Sensor

Engine Manufacture: MBE

Engine Models: 190/210/230/250/260/280/300

ECM Model: MBE

Remote Throttle Setting

Input Configuration

11301 - Remote Accelerator - Enable (1)

PTO Settings

11101 - PTO Function - Enable (1)

11102 - PTO Speed Max RPM - Set to Max PTO Speed

11104 - PTO Throttle Override - Enable (1)

11105 - PTO Throttle Override Max RPM - Set to Max PTO Speed

11106 - PTO Service Brake Override - Disable (0)

11107 - PTO Clutch Override - Disable (0)

11108 - Max Road Speed when in PTO - 100 Km

11115 - PTO Ramp Rate - 1000 rpm/sec

11116 - Number of Remote PTO Speed - 1

11117 - PTO #1 Set Speed - Set to 700 RPM or Idle Speed

11118 - Governor Type - 2