EDRT

DETROIT DDEC III,IV,V

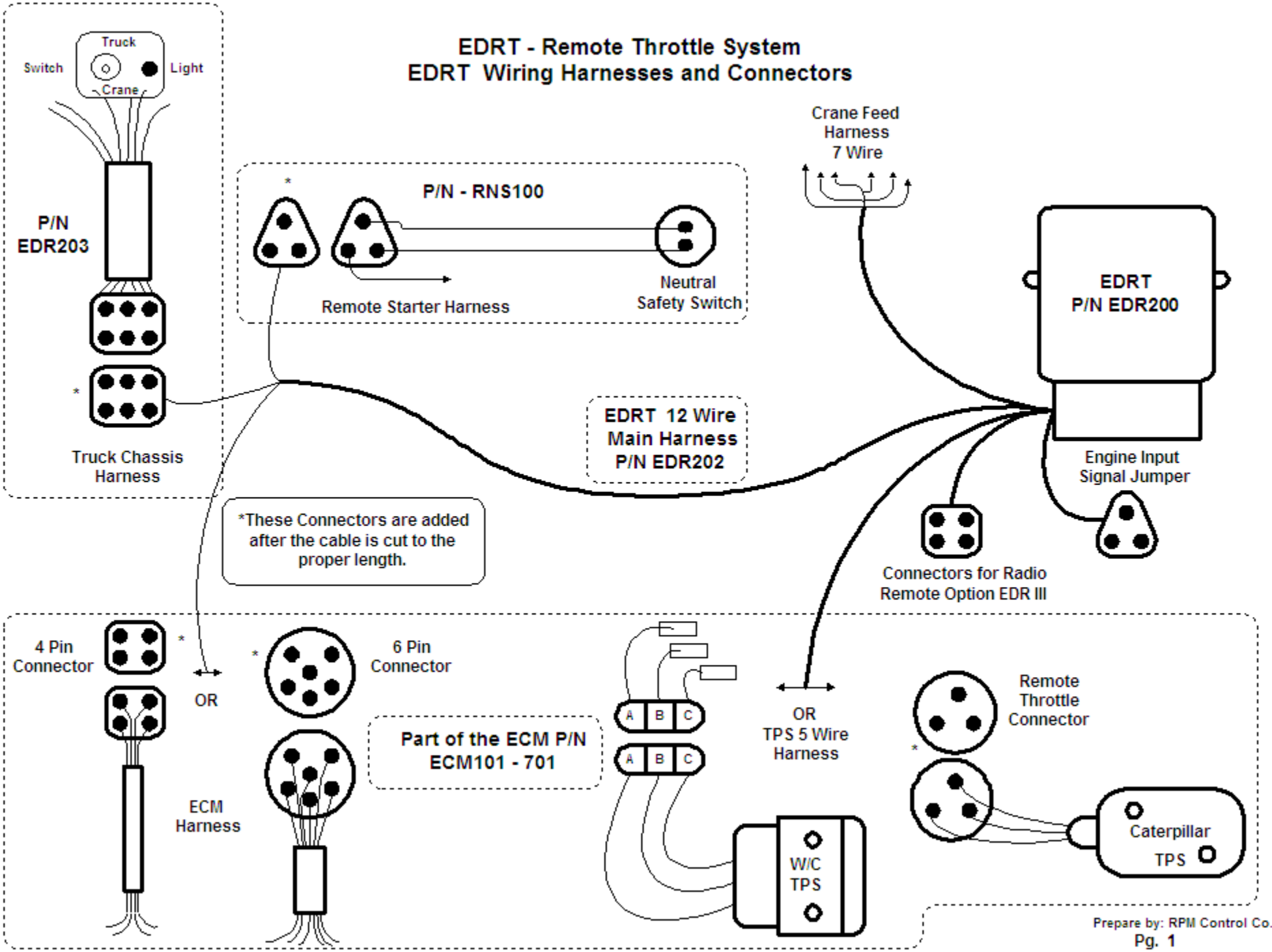
MANUAL

Prepared by: RPM Control Co.

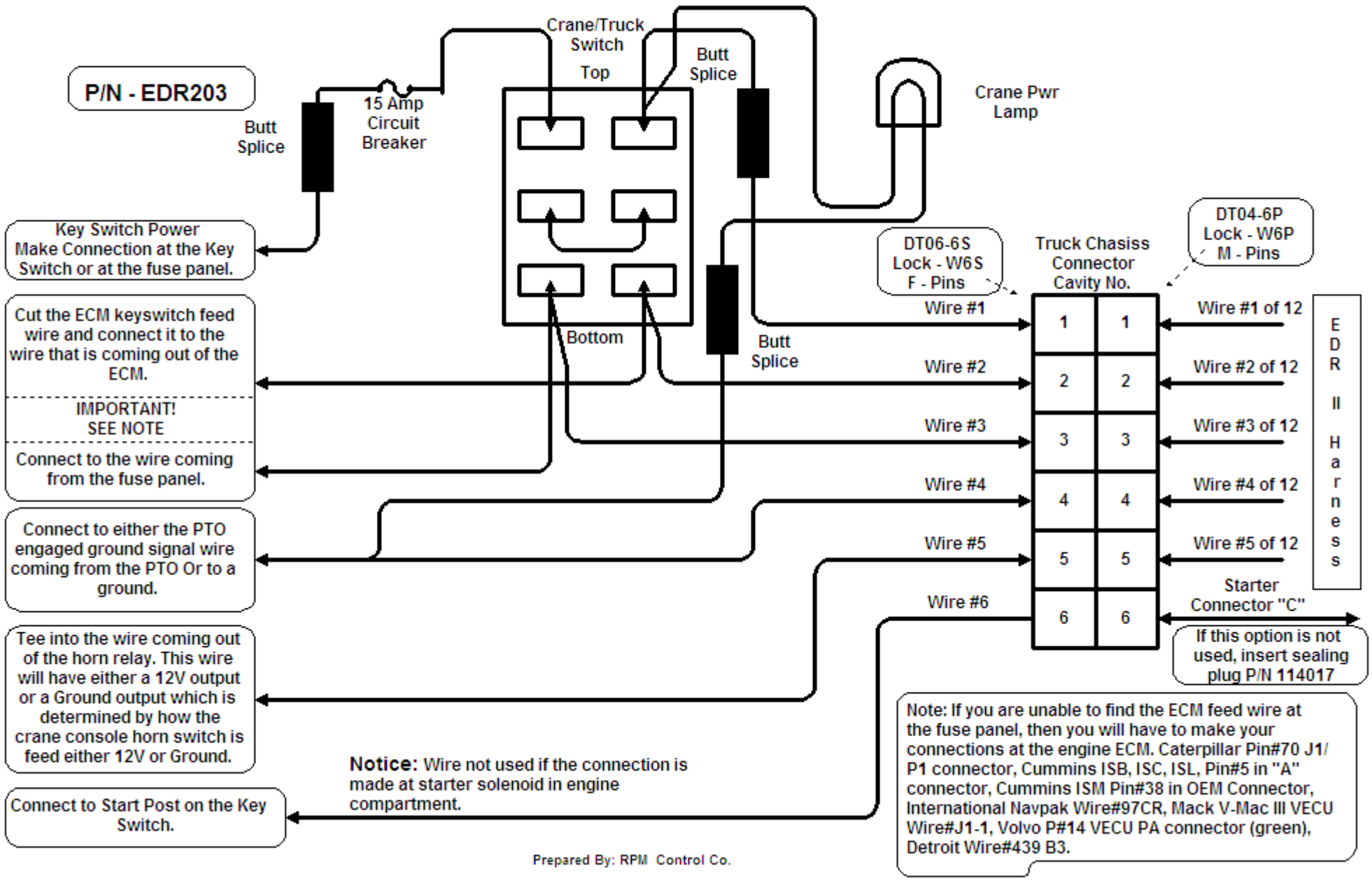
Table of Contents

Description	Page#
The Overview of the EDRT - Remote Throttle System	1
The Engine Input Configuration Plug	2
The Dash Crane/Truck Switch & Chassis Harness Connections	3
The ECM Connector Wire Arrangement for Remote Throttle DDEC 3&4 Engine	4
The ECM Connector Wire Arrangement for Remote Throttle DDEC 5 Engine	5
The Truck Chassis Remote Neutral Start Wire Arrangement Using Starter Solenoid	6
The Truck Chassis Remote Neutral Start Wire Arrangement Using Key Switch	7
The TPS Wire Arrangement For A Detroit	8
The Crane Feed Harness Terminal Strip	9
The Overall Schematic of the System for DDEC III &IV	10
The Overall Schematic of the System for DDEC V	11

EDRT - Remote Throttle System
EDRT Wiring Harnesses and Connectors



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



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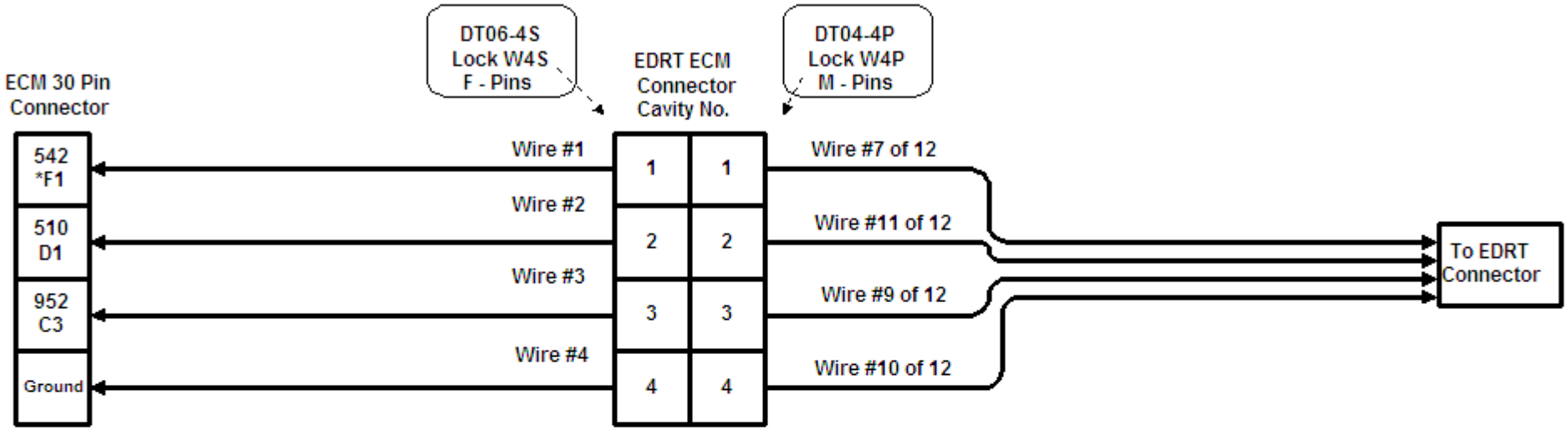
EDRT Remote Throttle System
ECM Connector Wire Arrangements
Detroit Series "60" DDEC 3,4 Engine
P/N ECM300



Note: If a ECM cavity is being used, tee into existing with a good sealed connector.

* Note: If you use the Cab Throttle Inhibit Option. You will have to have the this cavity/pin location or an empty cavity/pin location program in and this has to be done by your local Detroit Dealer.

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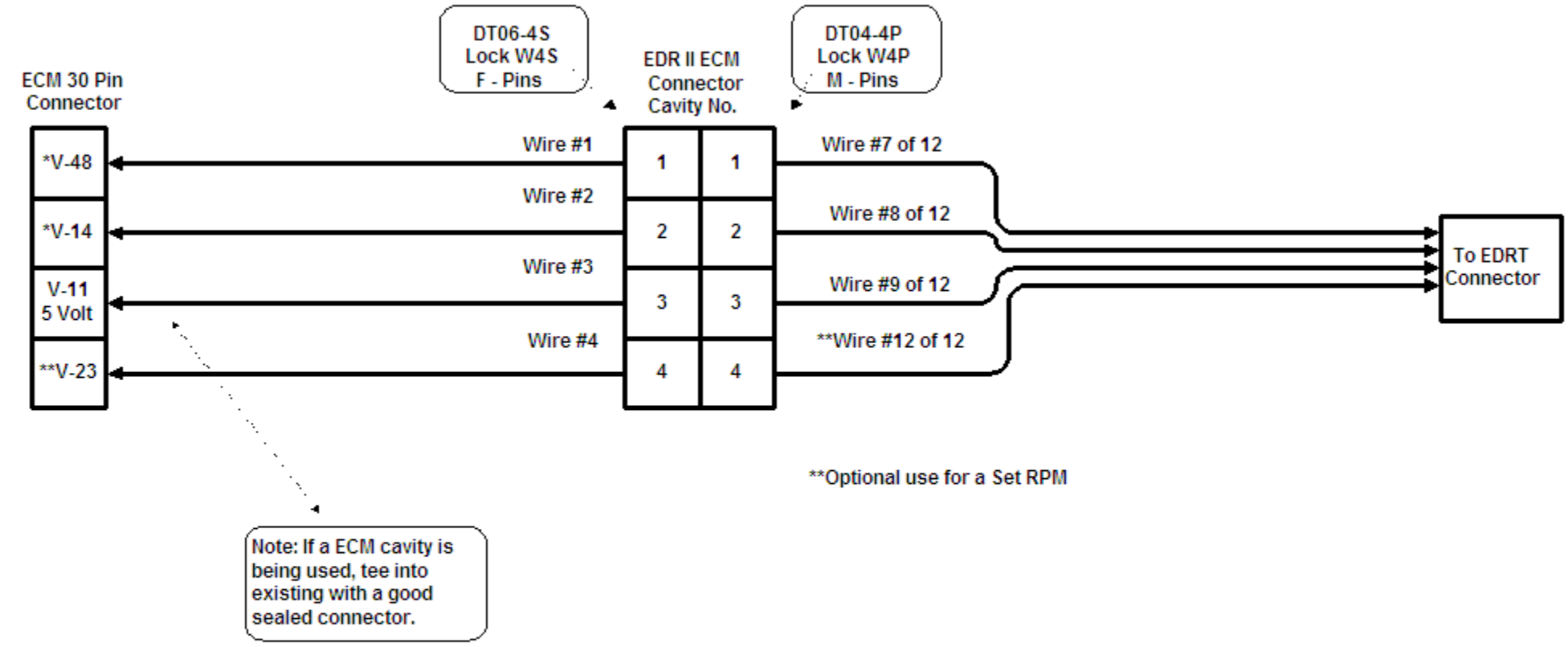
EDRT Remote Throttle System
ECM Connector Wire Arrangements
DDEC 'V' Detroit Series "60" Engine
P/N ECM300



Note: V-48 will have to be progrramed to Throttle Inhibit and V-14 will have to be programed to VSG. Also for a Set RPM feature you will have to have V-23 programed to "Off Set PTO" by the DETROIT DIESEL DEALER. Also have the max VSG speed set to the max PTO speed.

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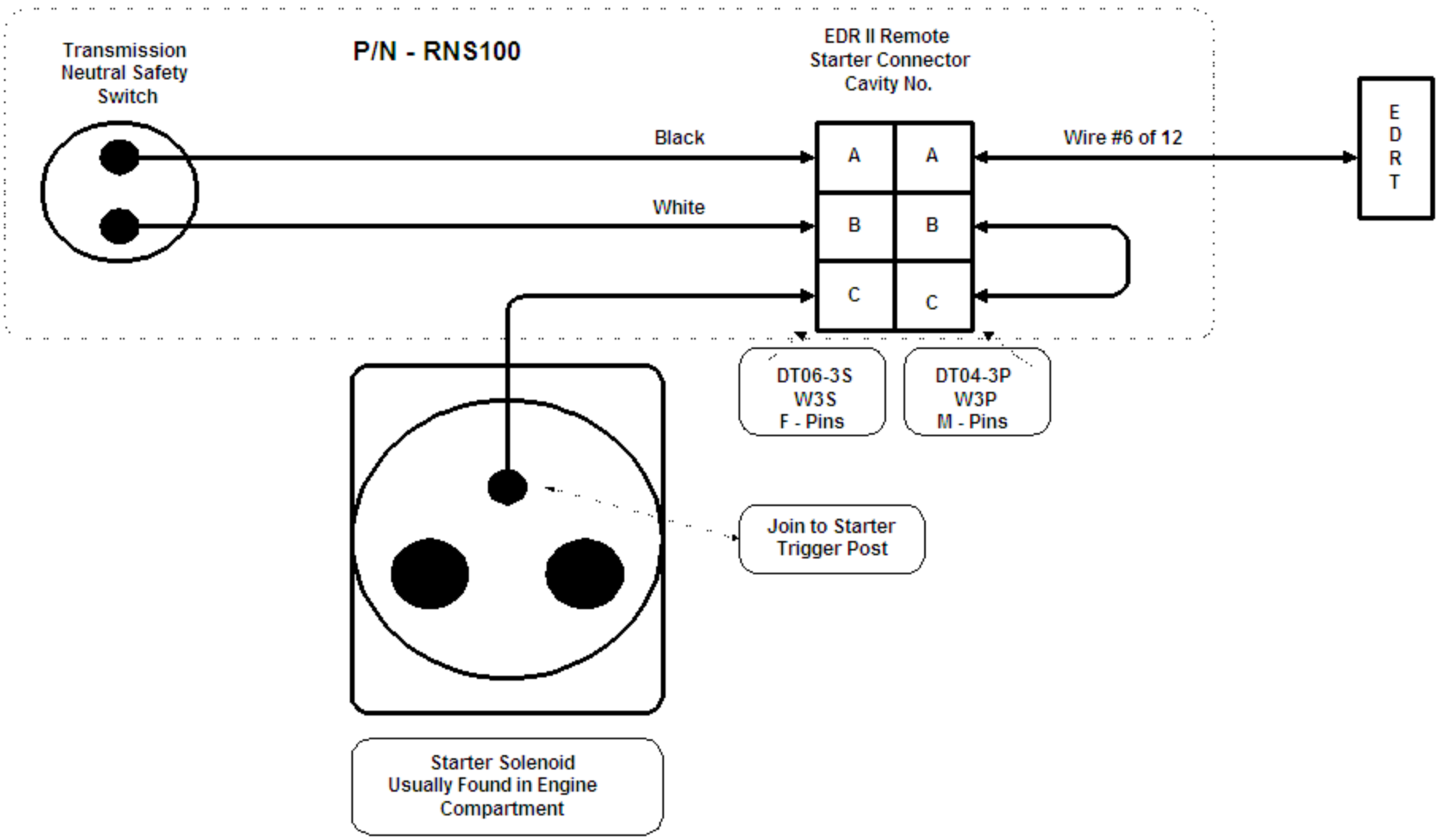
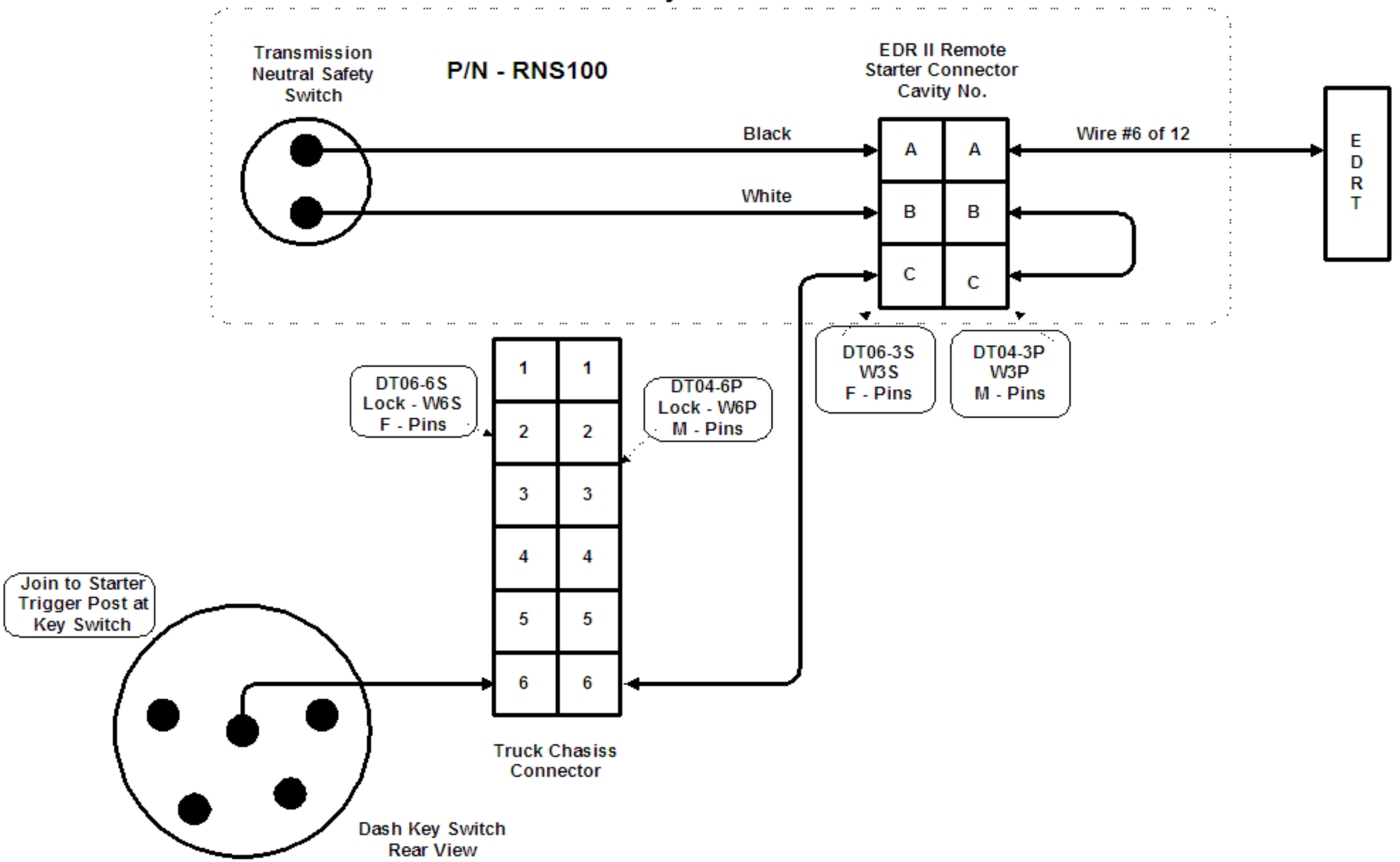
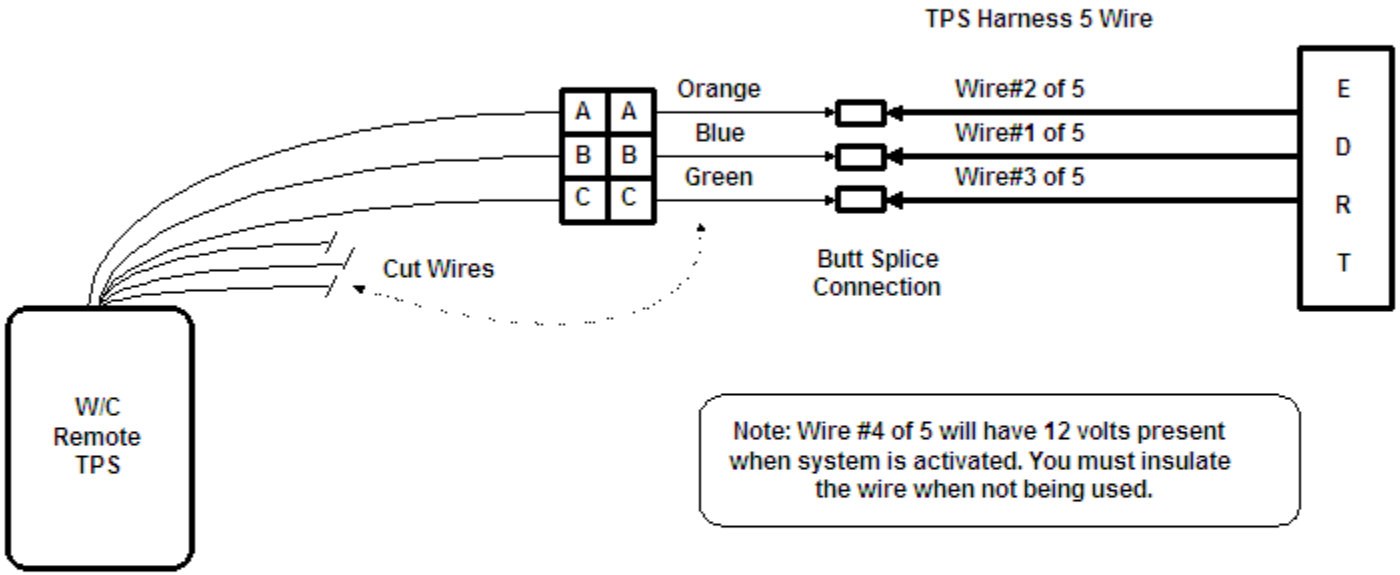
EDRT Remote Throttle System
Remote Start Wire Arrangements
Truck Chassis at Starter Solenoid



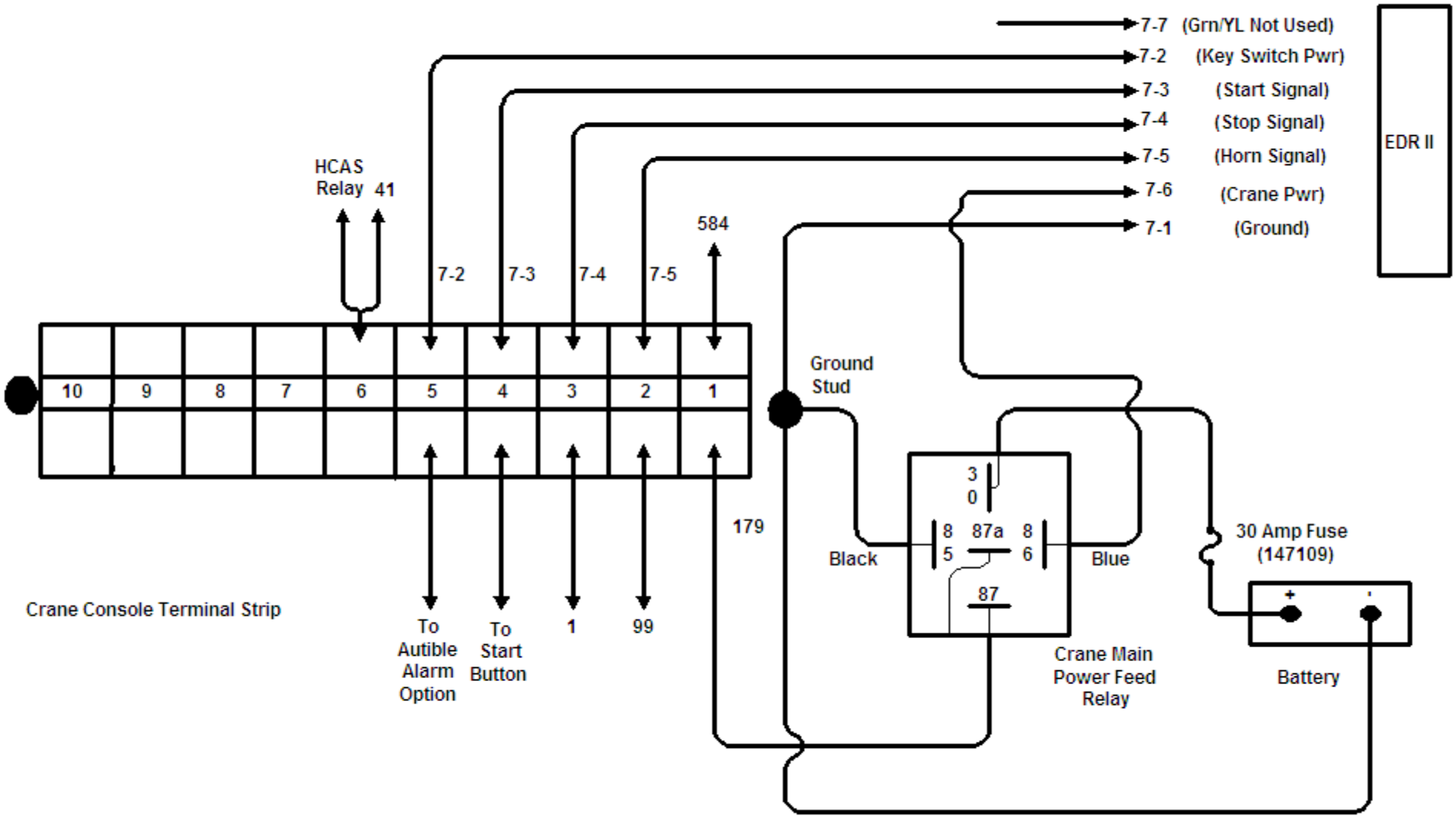
EDRT Remote Throttle System
Remote Start Wire Arrangements
Truck Chassis Key Switch Connection

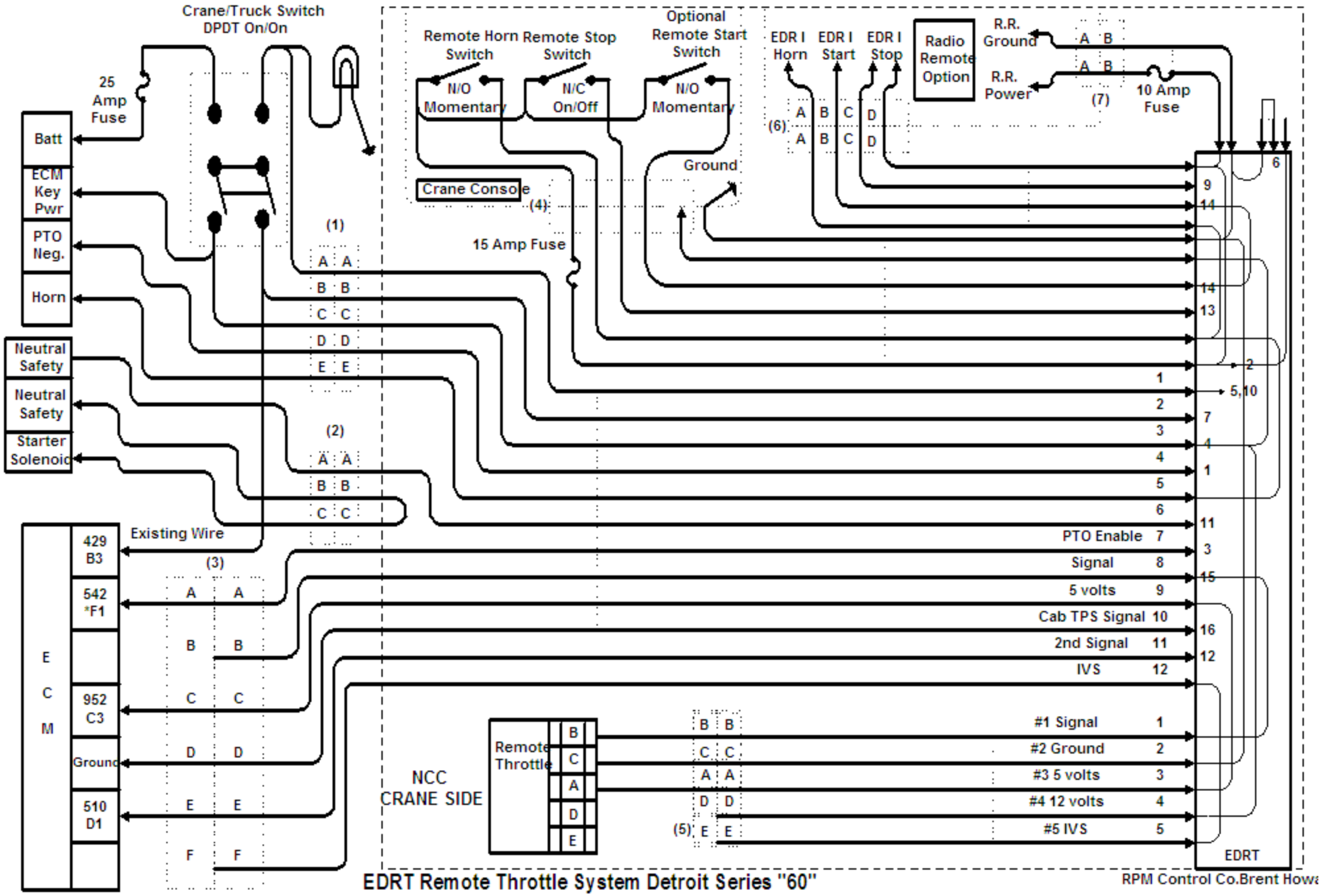


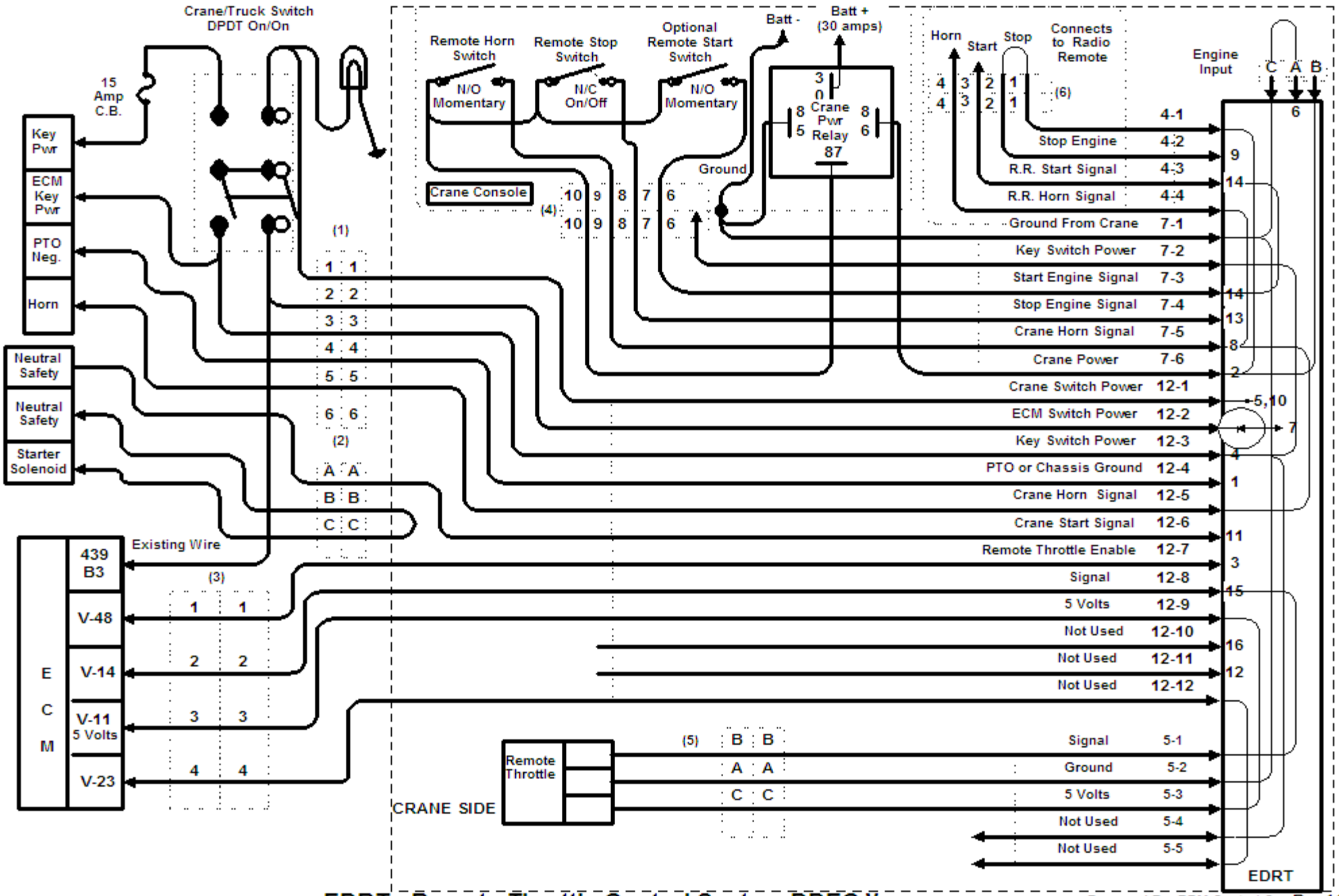
EDRT - Remote Throttle System
W/C TPS Wire Arrangements For
Cummins, Detroit, Mack, International, Mercedes-Benz



EDRT Remote Throttle System
Crane Feed Harness




Crane/Truck Switch
DPDT On/On
25
Amp
Fuse
Batt
ECM
Key
Pwr
PTO
Neg.
Horn
Neutral
Safety
Neutral
Safety
Starter
Solenoid
Remote Horn
Switch
N/O
Momentary
Remote Stop
Switch
N/C
On/Off
Optional
Remote Start
Switch
N/O
Momentary
Crane Console
(4)
Ground
15 Amp Fuse
EDR I
Horn
EDR I
Start
EDR I
Stop
Radio
Remote
Option
R.R.
Ground
R.R.
Power
(7)
10 Amp
Fuse
(6)
(1)
(2)
(3)
Existing Wire
ECM
429
B3
542
*F1
952
C3
Ground
510
D1
NCC
CRANE SIDE
Remote
Throttle
(5)
PTO Enable 7
Signal 8
5 volts 9
Cab TPS Signal 10
2nd Signal 11
IVS 12
#1 Signal 1
#2 Ground 2
#3 5 volts 3
#4 12 volts 4
#5 IVS 5
EDRT
EDRT Remote Throttle System Detroit Series "60"
RPM Control Co.Brent Howa



EDRT - Remote Throttle Control System DDEC V