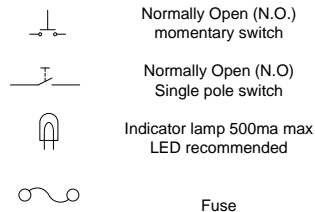


# Tap-N-Cruise

System Ground	C1	Black/White	To Ground at Powertrain Harness
Battery Feed	D1	Red/White	To Battery Feed at Powertrain Harness
Ignition Feed	C16	Pink	To Ignition Feed at Powertrain Harness
+12 Indicator lamp supply	C2	Yellow	To Ignition feed thru 2A max fuse
Brake Input	C15	Lt Blue / White	To load side of brake switch shared with ECM/TCM – usually ckt 6311
GMLAN1 high	C3	Tan/Black	Twisted Pair To GMLAN in Powertrain Harness
GMLAN1 low	C4	Tan	
GMLAN2 high	D3	Tan/Black	Twisted Pair To GMLAN (if TnC not terminated)
GMLAN2 low	D4	Tan	
GM/Rostra CC on/off	C9	Grey	To +12v Ignition Feed
GM/Rostra OPEN CC Set/Coast	C10	Green	
GM/Rostra CC Accel/Resume	D11	Blue	
CC Cancel	D10	Orange	
Resistor ladder CC switch	D8	Lt Blue/Black	To resistor ladder type CC switch [Ford, Jeep, Dodge, etc]
CC Ready / Enabled Ind.	D5	White/Blue	To Ground [may use pin D9 or D12]
CC Engaged Indicator	C5	White/Green	
Tow/Haul Input	C11	Lt Blue	To Ground [may use pin D9 or D12]
Tow/Haul Indicator	C6	White/Lt Blue	To Ground [may use pin D9 or D12]
DIY TapShift Enable	C12	Pink	To +12v Ignition Feed (DIY switches only)
DIY TapShift Down	C13	Purple/Green	DIY tap-down switch
DIY TapShift Up	D13	Purple/Blue	DIY tap-up switch
TapShift Input	D14	Purple	To OEM GM tap shift shifter (if used)
TapShift Active Indicator	D6	White/Purple	To Ground [may use pin D9 or D12]
Rostra CLOSED Set/Coast	C8	Brown	For Rostra closed ckt switches
Parking Brake Input	C14	White	To Ground when Parking Brake On
A/C Request	D15	Dk Green/White**	To +12v when AC requested ** prior to 8/2020 solid green
Signal Ground	D9	Black	Ground for switches and indicators (if needed)
Signal Ground	D12	Black	
Crank Request Input	D16	Purple/White	To +12v in crank only
OLED DIC Display Output	C7	Brown/White	To OLED DIC display
Reverse Light Relay Control	D2	Orange	To Reverse Light Relay coil



# Tap-N-Cruise

Diagram 2A  
DIY Tap Switches  
IMS Enable

IMS = (Transmission) Internal Mode Switch activation

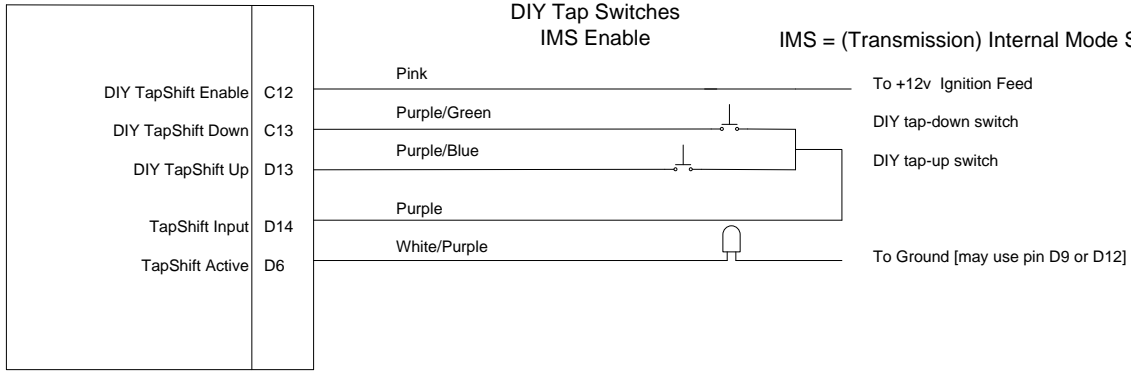


Diagram 2B  
DIY Tap Switches  
Switch Enable

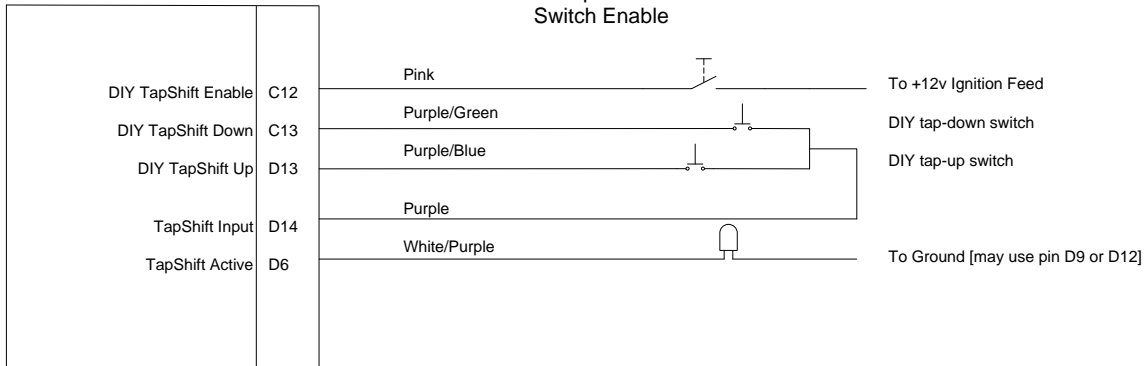


Diagram 2C  
Factory GM Tap Shifter  
IMS or Switch Enable

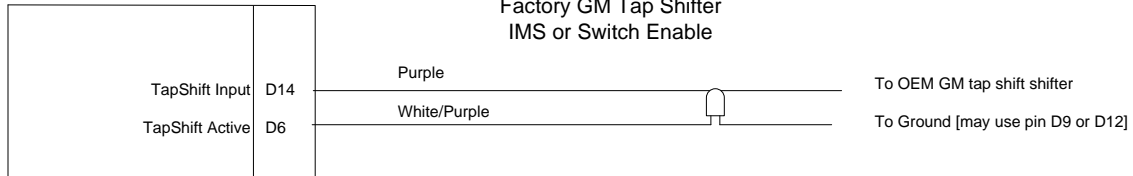
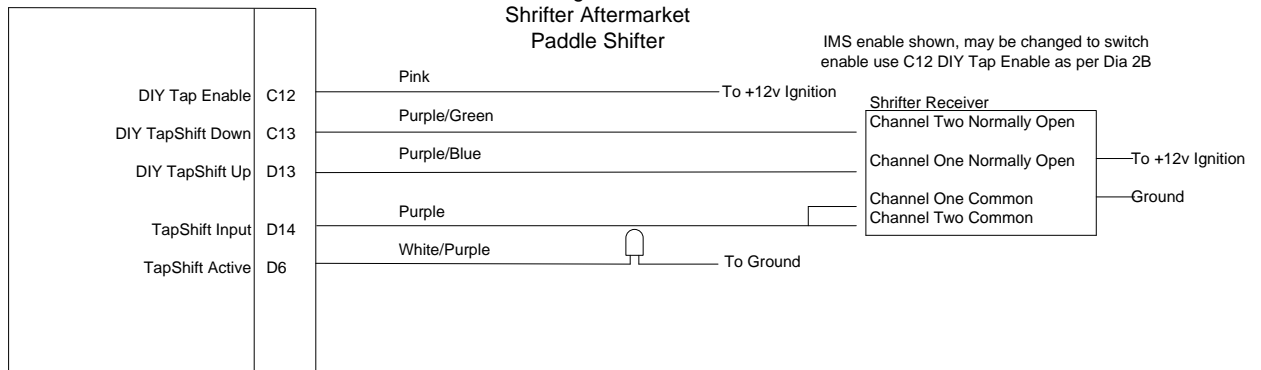


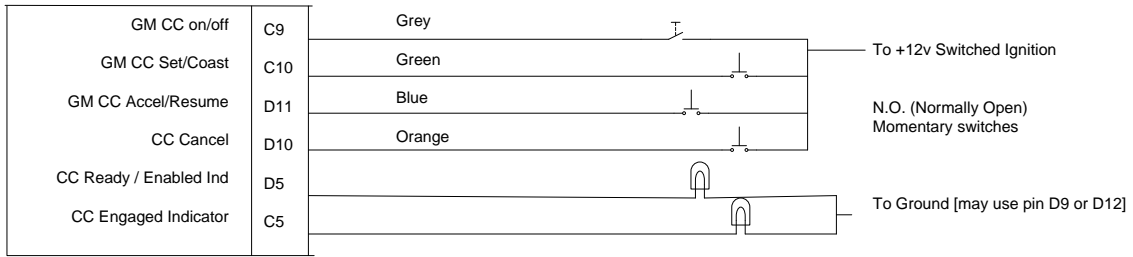
Diagram 2D  
Shifter Aftermarket  
Paddle Shifter

IMS enable shown, may be changed to switch enable use C12 DIY Tap Enable as per Dia 2B

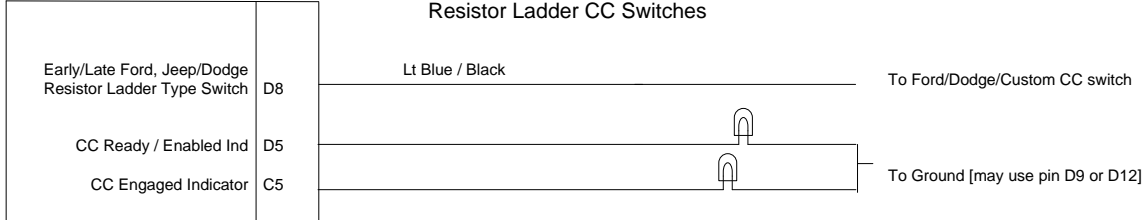


# Tap-N-Cruise

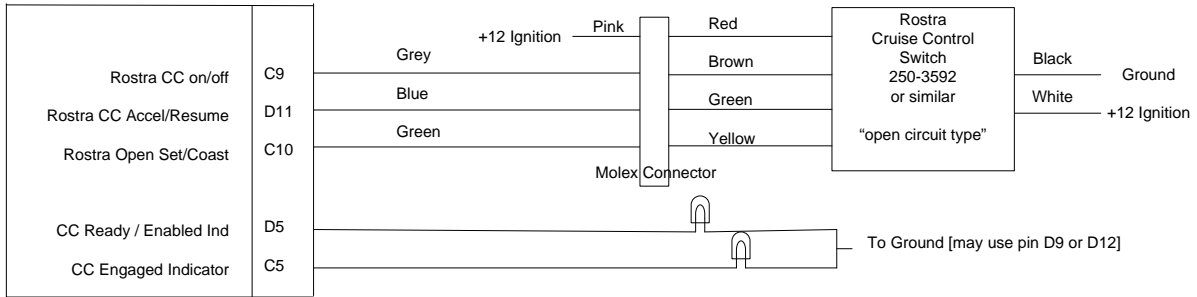
## Diagram 3A DIY or GM turn signal stalk CC Switches



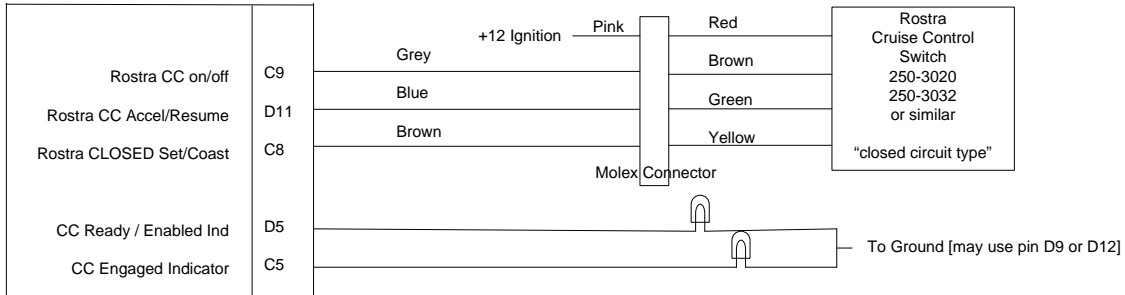
## Diagram 3B Resistor Ladder CC Switches



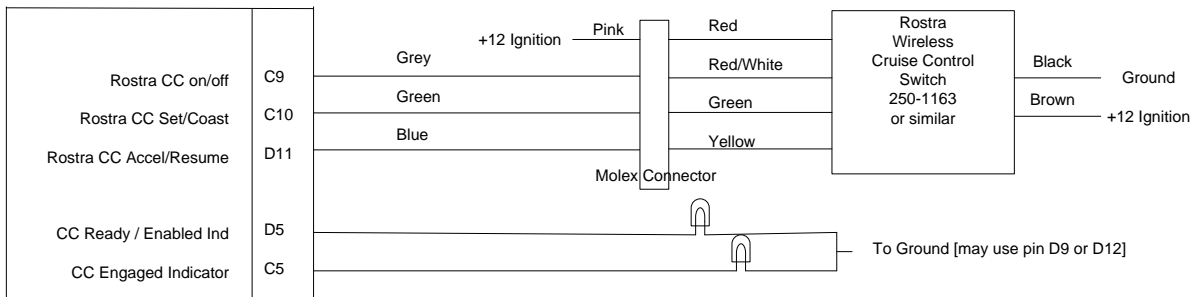
## Diagram 3C Rostra OPEN Circuit CC Switches



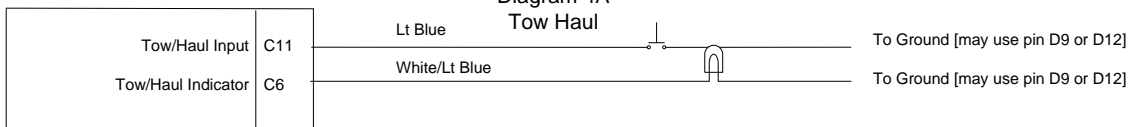
## Diagram 3D Rostra CLOSED Circuit CC Switches



## Diagram 3E Rostra WIRELESS CC Switch

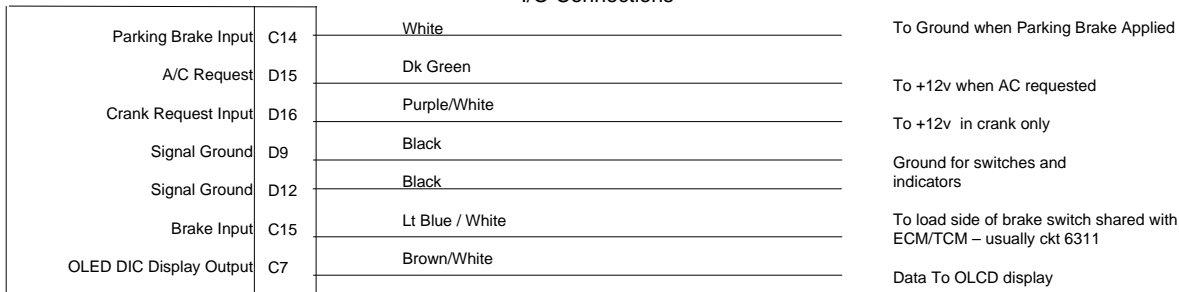


## Diagram 4A

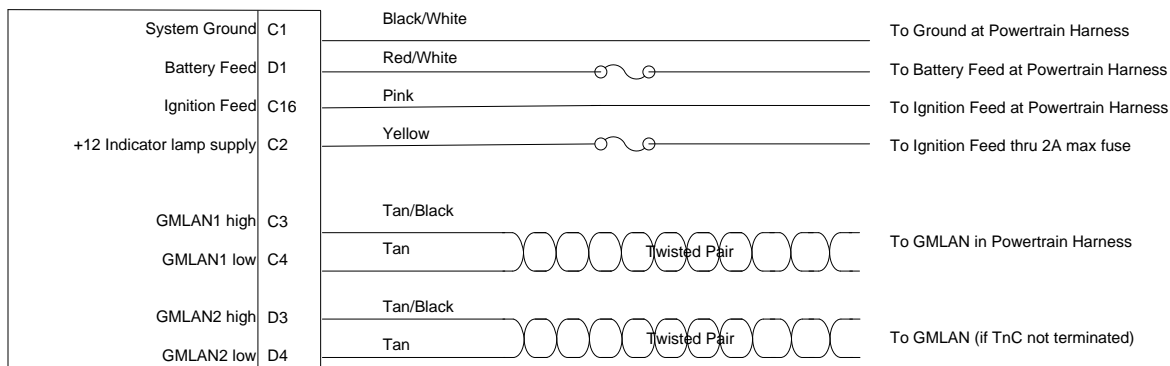


# Tap-N-Cruise

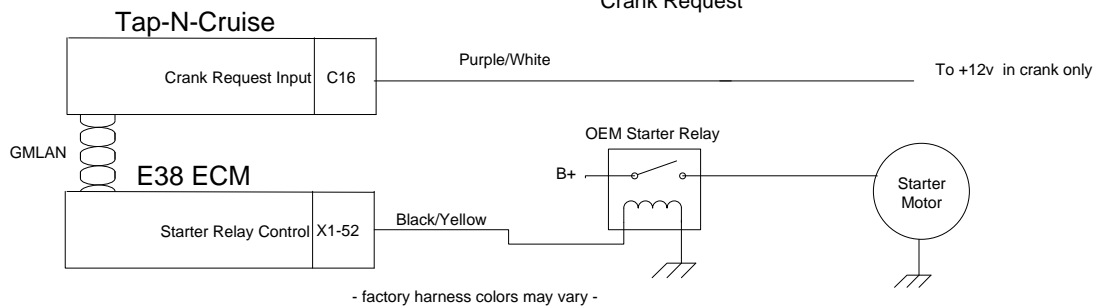
## Diagram 5A I/O Connections



## Diagram 5B Power / Ground / GMLAN

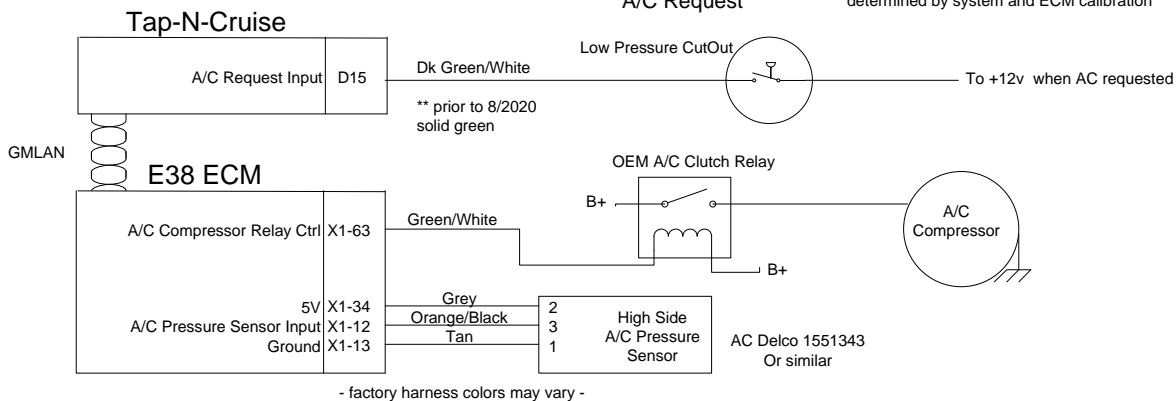


## Diagram 6A Crank Request



## Diagram 7A A/C Request

LPCO and High Side Pressure Sensor usage are determined by system and ECM calibration



## Diagram 8A BAS Input Tie-Down

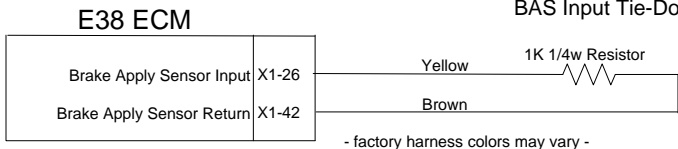


Diagram 9A  
OLED DIC Display

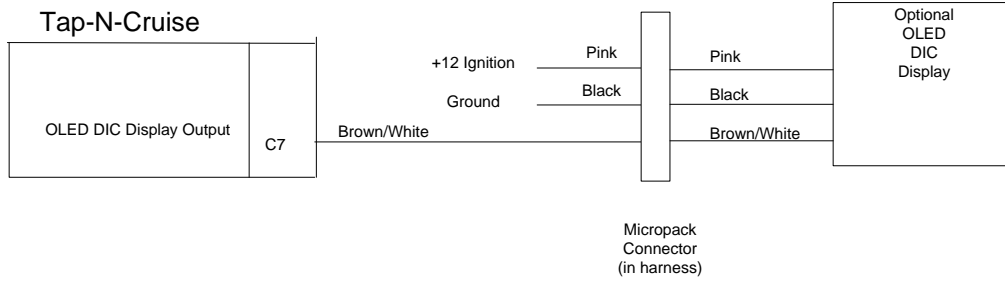


Diagram 10A  
RVC Alternator

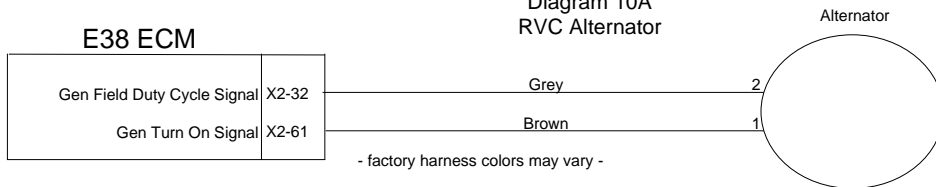


Diagram 11A  
Backup Light Relay

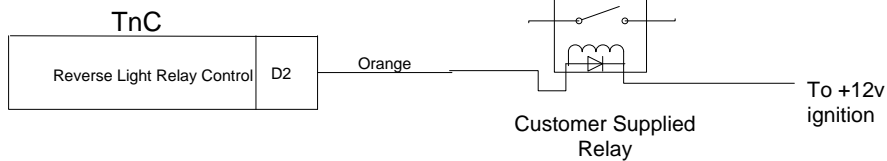
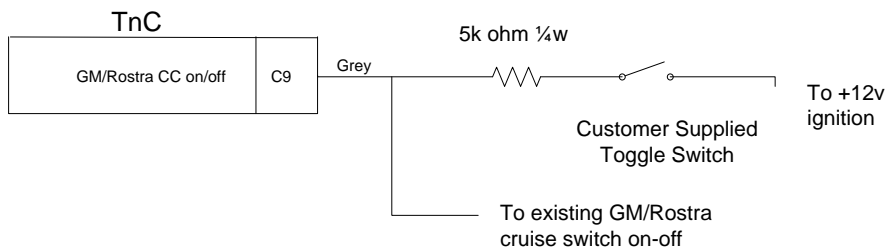
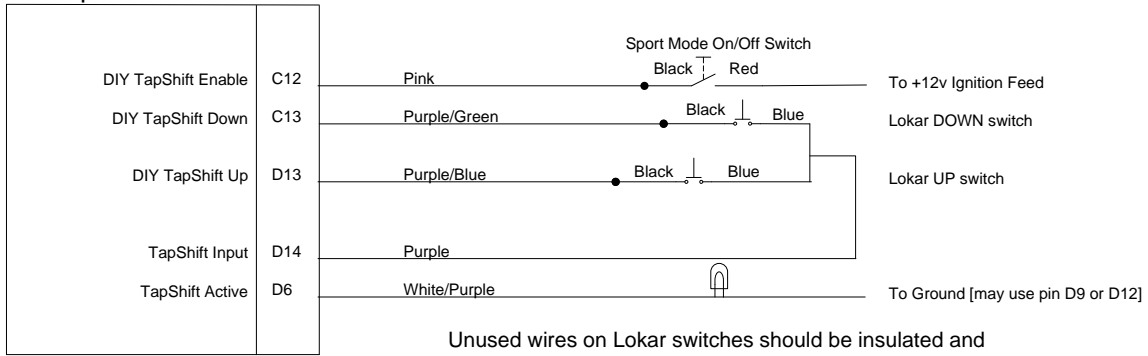


Diagram 12A  
Fast Idle Control



Lokar Electronic Shifter  
[ 2B - DIY Tap Switches - Switch Enable]

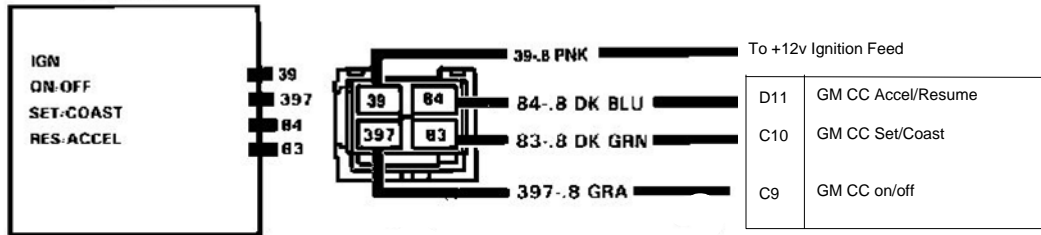
Tap-N-Cruise



Unused wires on Lokar switches should be insulated and secured away from moving parts of shifter mechanism

GM Turn Signal CC Switch  
[Diagram 3A]  
Typical 1980's - Early 2000's GM

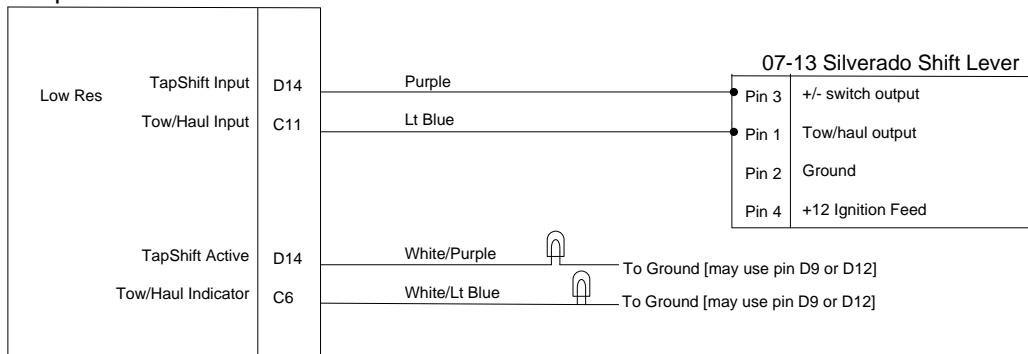
CRUISE CONTROL SWITCH



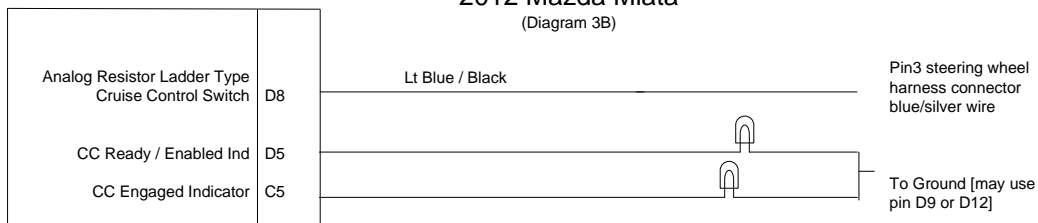
Tap-N-Cruise

07-13 GM Shift Lever  
[Diagram 3A and 4A]  
Combined Tow/Haul and Tap Shift

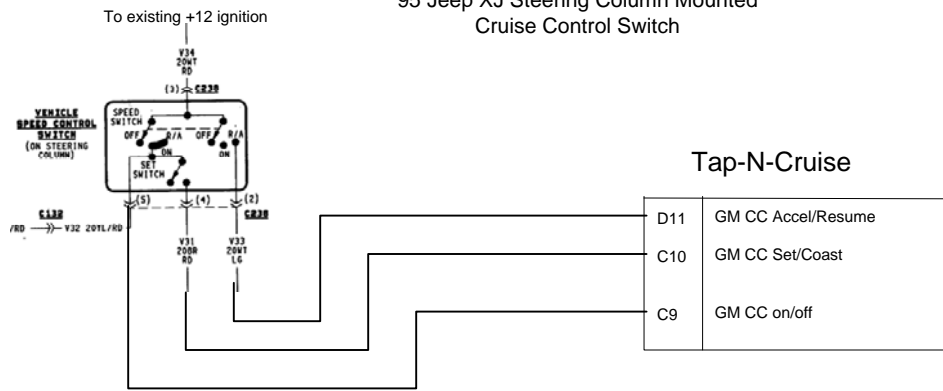
Tap-N-Cruise



2012 Mazda Miata  
(Diagram 3B)



### 95 Jeep XJ Steering Column Mounted Cruise Control Switch



### Toyota Landcruiser (Diagram 3B)

