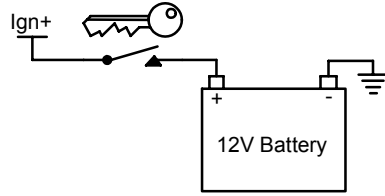


Lexus A343E ECU Mag V 20.1

File Name: Lexus A343E ECU Mag V 20.1

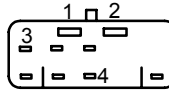
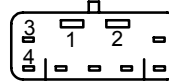
Harness Required: G05 & G06

Last Changed: 07/05/2014



Gear Selector Connector
Pin 1 & 2 is closed in Park & Neutral for safe starting
Pin 3 & 4 is closed in reverse

Gearbox Connector Pin View



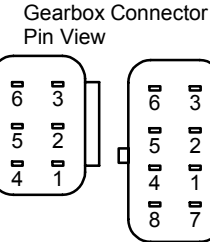
7M-GE Gearbox

Gearbox	Color	Resistance		Gearbox
		Cold	Hot	
Gearbox	Red	11 - 18	White	
Gearbox	Yellow	11 - 18	Black	
Gearbox	Green	3.5 - 4.6	Yellow	
Gearbox	Blue	Not used		

Harness Pin View

6	7	8	9	10
1	2	3	4	5

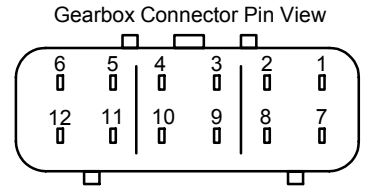
- Blue Gearbox
- NC
- Red Gearbox
- NC
- Blue Mode LED +
- Green Gearbox
- NC
- Yellow Gearbox
- Brown +12V Relay Supply
- Red Lock-Up LED +



Harness Pin View

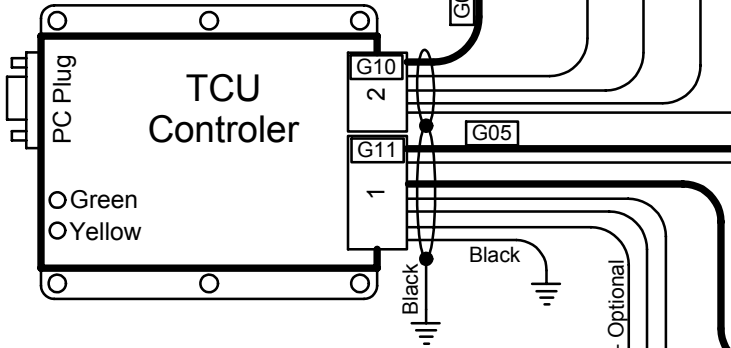
7	8	9	10	11	12
1	2	3	4	5	6

- Yellow Down Shift Button
- Yellow TPS Signal 0V to 5V
- Blue Map Signal 0V to 5V
- NC
- NC
- Green RPM Pulse
- Green Up Shift Button
- Red Reverse Signal
- NC +5V Out
- Red +12V Supply In
- Red Speed Sensor
- NC



NC - Not Connected
Ign+ Ignition Power
Earth
Terminal Connections with the same name are tied together

Led's Functions
Yellow - Power
Green - Diagnostic

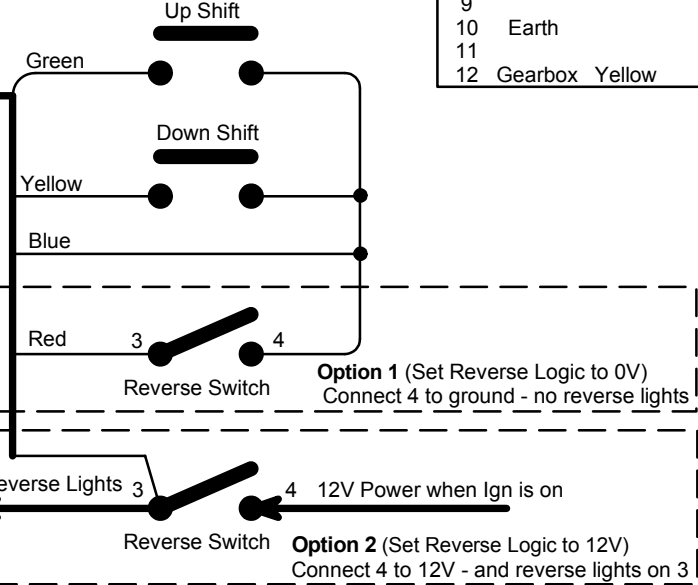


From Ignition +12V Via a Relay Require 7.5A Fuse

8A Fuse

Brown 4 / 1.5 m

Switches



ECU System

Green - ECU Ign (Hall / Optic Sensor) 1 Pulse / Spark	Green	RPM Signal 0V & 12V
Yellow - ECU	Yellow	TPS Signal 0V to 5V
Orange - Mr Turbo		
Blue/Yellow - GoTech		
Grey/Red - Dictator (5V TPS Signal)		

Pin Description Harness
1. Negative Blue
2. Positive Red

The TPS must be connected to an ECU system which supplies the 5V and ground signal