

Neptune Lexus A343 Shifter

File Name: Neptune Lexus Drawing

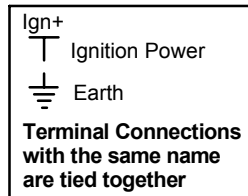
Last Changed: 27/01/2015



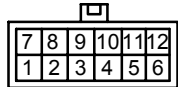
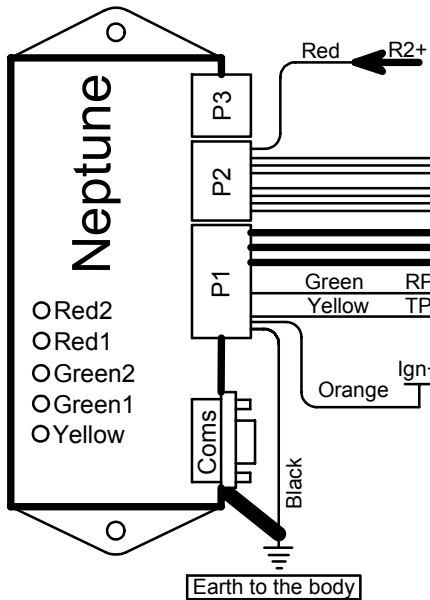
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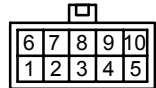
Led's Functions
Yellow - Power
Green1 - RPM Pulse
Green2 - Speed Pulse
Red1 - Reverse LED
Red2 - Profile LED



Harness Pin View

- | Pin | Function |
|------------|---------------------|
| 1. Red | Down Shift Button |
| 2. Yellow | TPS Signal 0V to 5V |
| 3. Yellow | Profile Switch |
| 4. NC | |
| 5. Red | Speed Sensor + |
| 6. NC | |
| 7. Blue | Up Shift Button |
| 8. Red | Reverse / Shifter |
| 9. NC | +5V Out |
| 10. Orange | +12V Supply In |
| 11. Blue | Speed Sensor |
| 12. Green | RPM Input |

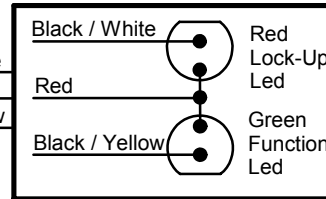
Connector Pinouts



Harness Pin View

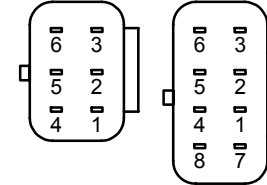
- | Pin | Function |
|-----------------|---------------------|
| 1. Red / White | - Gearbox |
| 2. Red / Orange | - NC |
| 3. Red / Blue | - Gearbox |
| 4. Blue / Red | - NC |
| 5. Blue | - Mode LED + |
| 6. Red / Yellow | - Gearbox |
| 7. Red / Green | - NC |
| 8. Red / Black | - Gearbox |
| 9. Brown | - +12V Relay Supply |
| 10. Red | - Lock-Up LED + |

Connector Pinouts



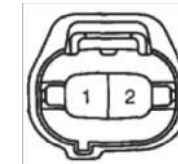
Gearbox Solenoid Connector

Gearbox Connector
Pin View



Pin	Harness	Color	Resistance
1	Earth -		Cold Hot
2	Earth -		
3	Gearbox	Red / Blue	11 - 18
4	Gearbox	Red / White	3.5 - 4.6
5	Gearbox	Red / Yellow	3.5 - 4.6
6	Gearbox	Red / Black	11 - 18
7	Not Used		
8	Not Used		

Magnetic Speed Sensor



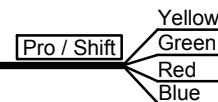
Pin	Harness + Color
1	Speed Black
2	Speed Blue

Hall Speed Sensor

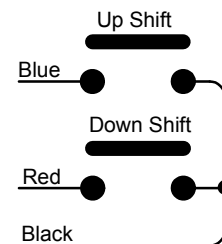


Speed Sensor
Connector
Pin View

Pin	Sensor & Harness Color
1	Black Screen/Black
2	Blue Red
3	Green Blue



Buttons



Red - Red
Blue - Blue
Yellow - Black

Shifter
Ver 2