

Neptune 5L40E

File Name: Neptune 5L40E

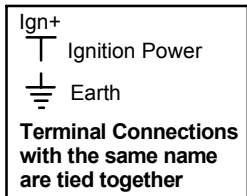
Last Changed: 24/01/2015



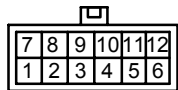
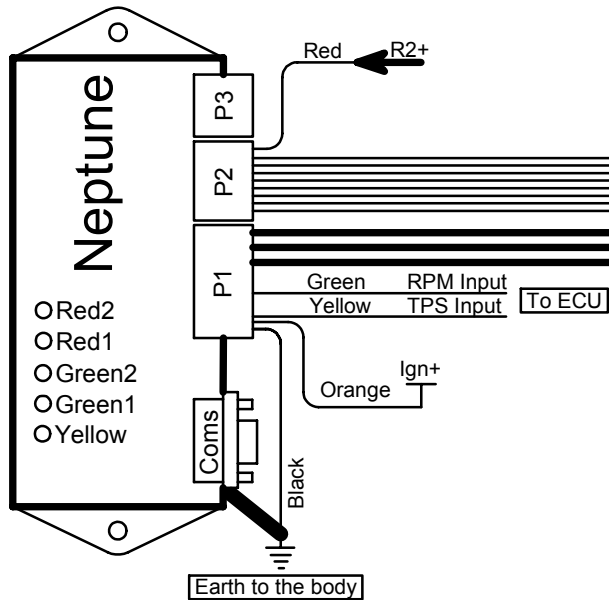
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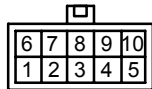
Led's Functions
Yellow - Power
Green1 - RPM Pulse
Green2 - Speed Pulse
Red1 - Reverse LED
Red2 - Profile LED



Harness Pin View

- | Pin | Color | 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 |

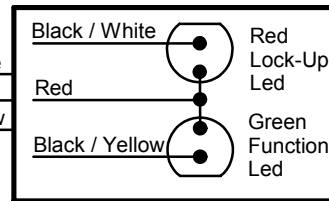
Connector Pinouts



Harness Pin View

- | Pin | Color | Function |
|-----|--------------|---------------------|
| 1. | Red / White | - Gearbox |
| 2. | Red / Orange | - Gearbox |
| 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 + |

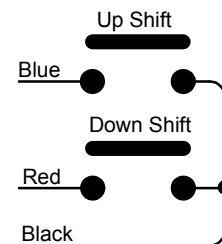
Connector Pinouts



Speed

Pro / Shift

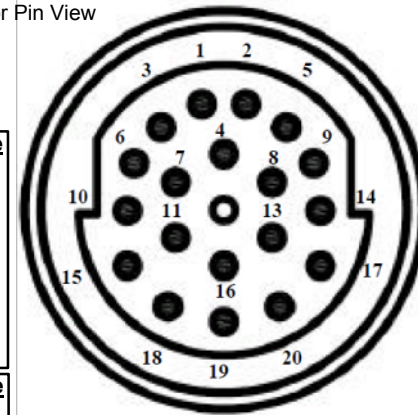
Buttons



Up Shift

Down Shift

Harness Connector Pin View

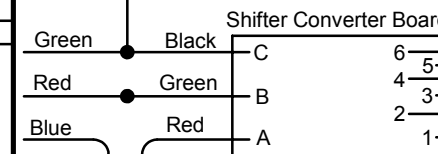
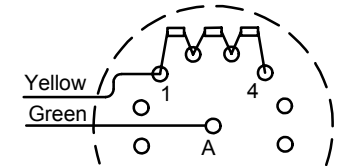
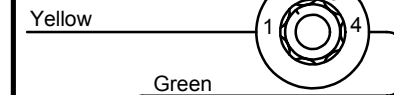


Pin	Harness	Color	Resistance
5	Gearbox	Red / Orange	15 - 17
8	Gearbox	Red / Blue	3.5 - 4.6
9	Gearbox	Red / Yellow	15 - 17
13	Earth -		
14	Gearbox	Red / White	15 - 17
17	Earth -		
20	Gearbox	Red / Black	10 - 11.5

Pin	Harness	Color	Resistance
1	Speed	Red	Cold Hot
3	Speed	Black	325 - 485

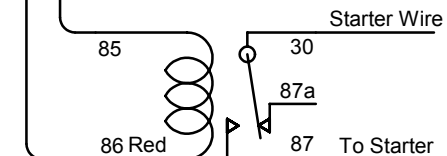
NB! Optional Profile Switch

Profile Switch



Pin	Harness	Color
2	Shifter	Red
4	Earth -	Black
7	Shifter	Green
11	Shifter	White
16	Shifter	Blue
19	Shifter	Yellow

To Gearbox Connector



Starter Wire

30

87a

To Starter