

Neptune E40D

File Name: Neptune E40D Drawing

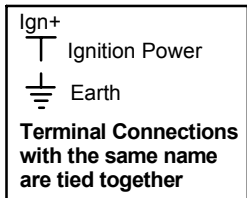
Last Changed: 05/03/2015



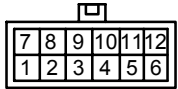
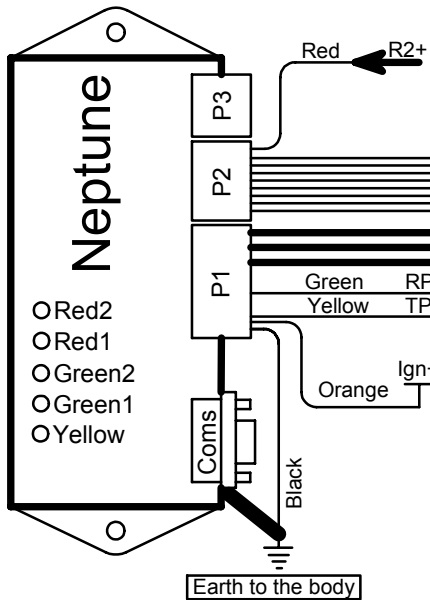
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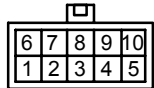
Led's Functions
Yellow - Power
Green1 - RPM Pulse
Green2 - Speed Pulse
Red1 - Reverse LED
Red2 - Profile LED



Harness Pin View

- | | |
|------------|---------------------|
| 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 |

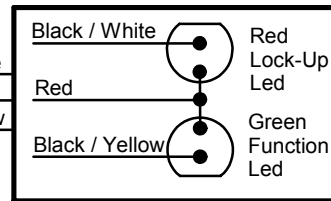
Connector Pinouts



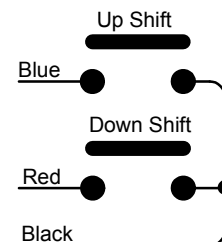
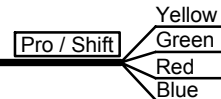
Harness Pin View

- | | |
|-----------------|---------------------|
| 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 + |

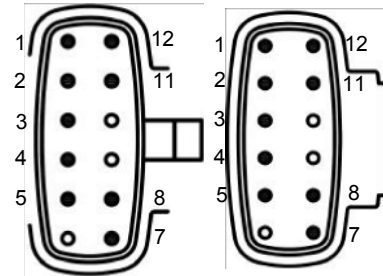
Connector Pinouts



- | |
|--------------|
| Red / Orange |
| Red / Blue |
| Red / Black |
| Red / White |
| Red / Yellow |

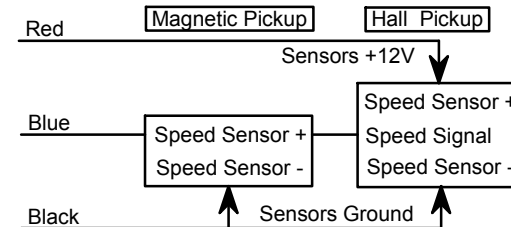


Harness Connector Pin View



Pin	Harness	Color	Resistance	
			Cold	Hot
1	Earth -			
2	Gearbox	Red / Blue	21 - 30	
3	Gearbox	Red / Black	21 - 30	
4	Gearbox	Red / Yellow	21 - 30	
5	Gearbox	Red / Orange	21 - 30	
7	NC			
8	NC			
11	Earth -			
12	Gearbox	Red / White	4.3 - 6.5	

Speed Sensor



NB! Optional Profile Switch

