

Neptune2 GM 4L80E

File Name: Neptune2 GM 4L80E Drawing

Last Changed: 11/079/2017

Harness Required: NTWX1/2, CON1

Ign+

Ignition Power

Earth

Terminal Connections with the same name are tied together

Led's Functions

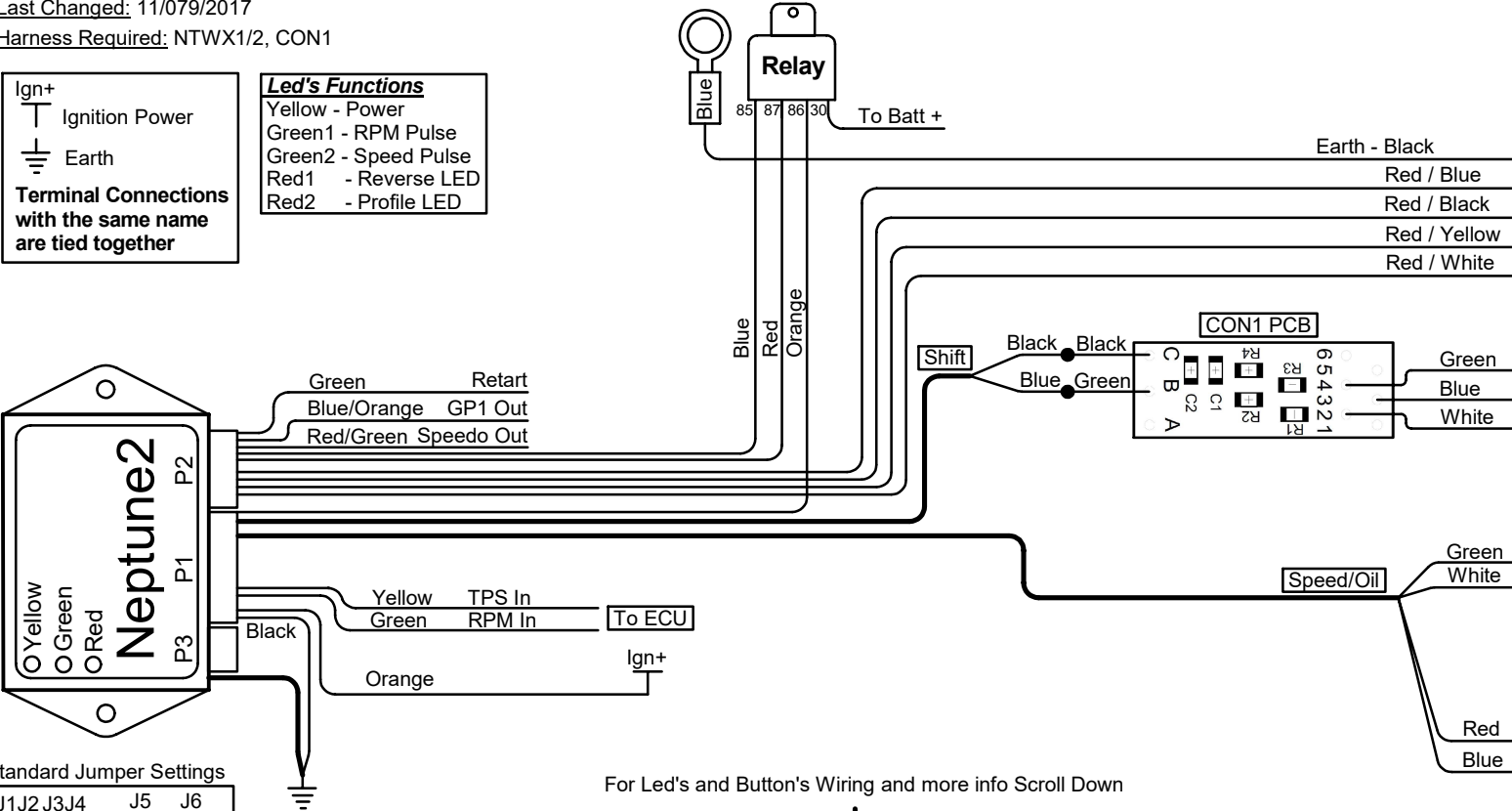
Yellow - Power

Green1 - RPM Pulse

Green2 - Speed Pulse

Red1 - Reverse LED

Red2 - Profile LED



Standard Jumper Settings

J1J2J3J4J5J6

To Program the unit place J1 and J2 in the up position.

P1

7 8 9 10 11 12

1 2 3 4 5 6

Harness Pin View

1. Yellow - Low Range

2. Yellow - TPS Signal

3. Red - Profile Switch

4. NC

5. Red - Speed Sensor +

6. NC

7. Green - Oil Temp Sensor

8. Blue - Shift

9. NC +5V Out

10. Orange +12V Supply In

11. Blue Speed Signal

12. Green RPM Input

P2

6 7 8 9 10

1 2 3 4 5

Harness Pin View

1. Red / White - Gearbox

2. Red / Orange - GP1

3. Red / Blue - Gearbox

4. Blue / Red - GP2

5. Blue - Relay

6. Red / Yellow - Gearbox

7. Red / Green - Speed Out

8. Red / Black - Gearbox

9. Red - +12V Relay Supply

10. Green - Retart

P3

4 5 6

1 2 3

Harness Pin View

1. Red - Second Start / Down Switch

2. Green - Transmit

3. Black - Ground

4. Blue - Overdrive / Up Switch

5. Yellow - Receive

6. Red - +5V

Gearbox Connector

F E D C

H G

MLK J

EARLY

D C B A

E

S R P N M L

LATE

Pin		Harness	Spits Color	Connector	Resistance	
Early	Late				Cold	Hot
A	A	Gearbox	Red/Blue	P2	20	40
B	B	Gearbox	Red/Black	P2	20	40
C&K	E	Earth	Black			
D	N	CON1	White	P1		
E	R	CON1	Blue	P1		
F	P	CON1	Green	P1		
G	M	Speed/Oil	Green	P1		
H	L	Speed/Oil	White	P1		
J	S	Gearbox	Red/Yellow	P2	11	17
L	D	Earth	Black			
M	C	Gearbox	Red/White	P2	3.5	4.6

Speed Sensor

Red

Blue

NB! Gearbox Plug Pin View

1

2

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