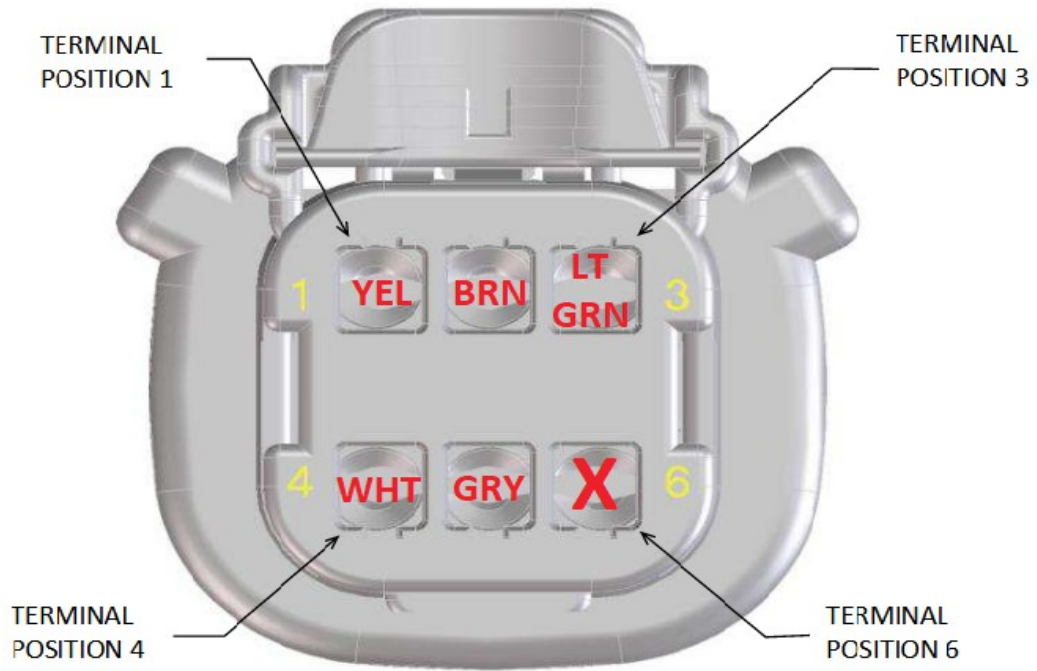


**Main Harness Header Connector (C1) Pinout for LT5 Supercharger Bypass Control**

| Position | A  | B  | C   |
|----------|--|--|---|
| Row      |  |  |   |
| 1        | 1A – Purple, 20AWG, 40cm<br>same as 3A – not connected   | 1B - Blue, 20AWG, 110cm<br>Cancels boost reduction when grounded via a switch – max boost limited if not grounded(when enabled in firmware)                                  | 1C – Grey, 20AWG, 40cm<br>5V out – Not connected  |
| 2        | 2A - Pink, 20AWG, 150cm<br>latches to ground when a fault condition is Detected – not connected                            | 2B – White, 20 AWG, 150cm<br>Signal ground- splice into low ref of trigger sensor wiring   | 2C – Yellow, 20 AWG, 150cm<br>0-5V secondary trigger input I  |
| 3        | 3A – Purple, 20AWG, 150cm<br>0-5V trigger signal for bypass<br>No connection if using digital TPS signal 3C as the trigger | 3B – Dark Green, 20AWG, 150cm<br>Spare 0-5V analog input – connect to signal ground or to 3A<br>If unused and 3A is the trigger. No connection if 3C(digital) is the trigger | 3C – Light Green, 20 AWG, 150cm<br>Tap into digital TPS signal from Primary throttle<br>if using digital TPS signal as bypass trigger<br>No connection if 3A is trigger input |

| D   | E   | F  |
|---|---|--|
| 1D - Brown, 18AWG, 220cm<br>Motor Control 2 of bypass actuator                | 1E - Yellow, 18AWG, 220cm<br>Motor Control 1 of bypass actuator | 1F - Red 16AWG, 220cm<br>12V fused as per instructions   |
| 2D - Light Green, 20AWG, 40cm<br>Digital position signal from bypass actuator | 2E - White, 20AWG, 220cm<br>Low ref for bypass position sensor  | 2F - Grey, 20AWG, 220cm<br>5V for bypass position sensor |
| 3D - Black, 16AWG, 220cm<br>Controller main ground                            | 3E - Dark Green, 20AWG, 220cm<br>Not used/Not connected         | 3F - Purple, 20AWG, 220cm<br>Not used/Not connected      |



| Bypass Harness Connector Pin | Corresponding x2 Circuit    |
|------------------------------|-----------------------------|
| 1                            | 1E                          |
| 2                            | 1D                          |
| 3                            | 2D                          |
| 4                            | 2E                          |
| 5                            | 2F                          |
| 6                            | No Connection, Pin not used |