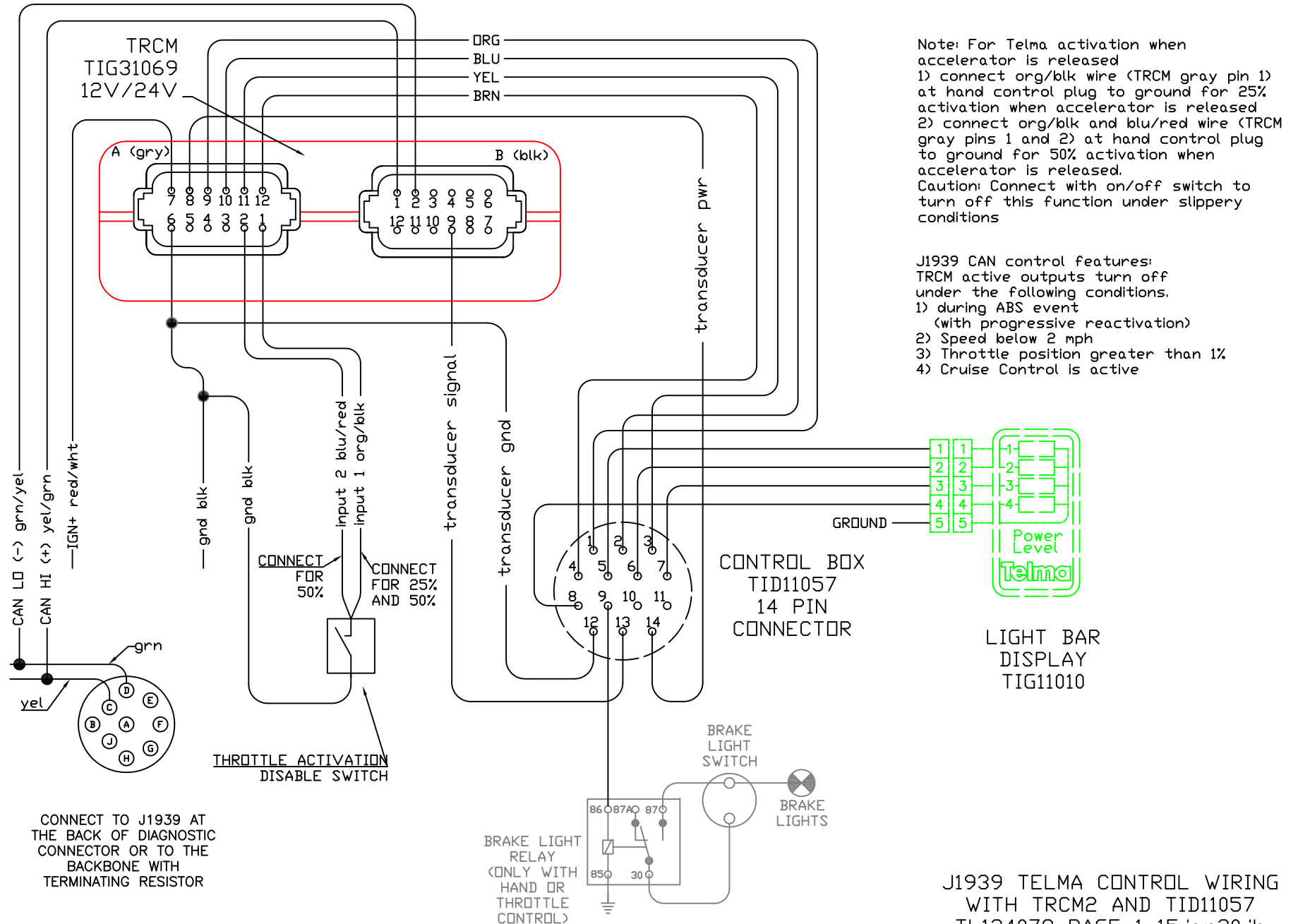




CONNECT TO PC FOR FINAL CONFIGURATION AND DIAGNOSTICS

1. set transducer voltages to stage1=1.3, stage2=1.5, stage3=1.7, stage4=1.9
2. set speed to 0 mph to test function with vehicle stopped
3. set speed back to 2 mph or less before release
4. road test to observe Telma cutoff speed.

If needed: change speed setting to desired Telma cutoff speed but no greater than 2 mph.



Note: For Telma activation when accelerator is released

- 1) connect org/blk wire (TRCM gray pin 1) at hand control plug to ground for 25% activation when accelerator is released
- 2) connect org/blk and blu/red wire (TRCM gray pins 1 and 2) at hand control plug to ground for 50% activation when accelerator is released.

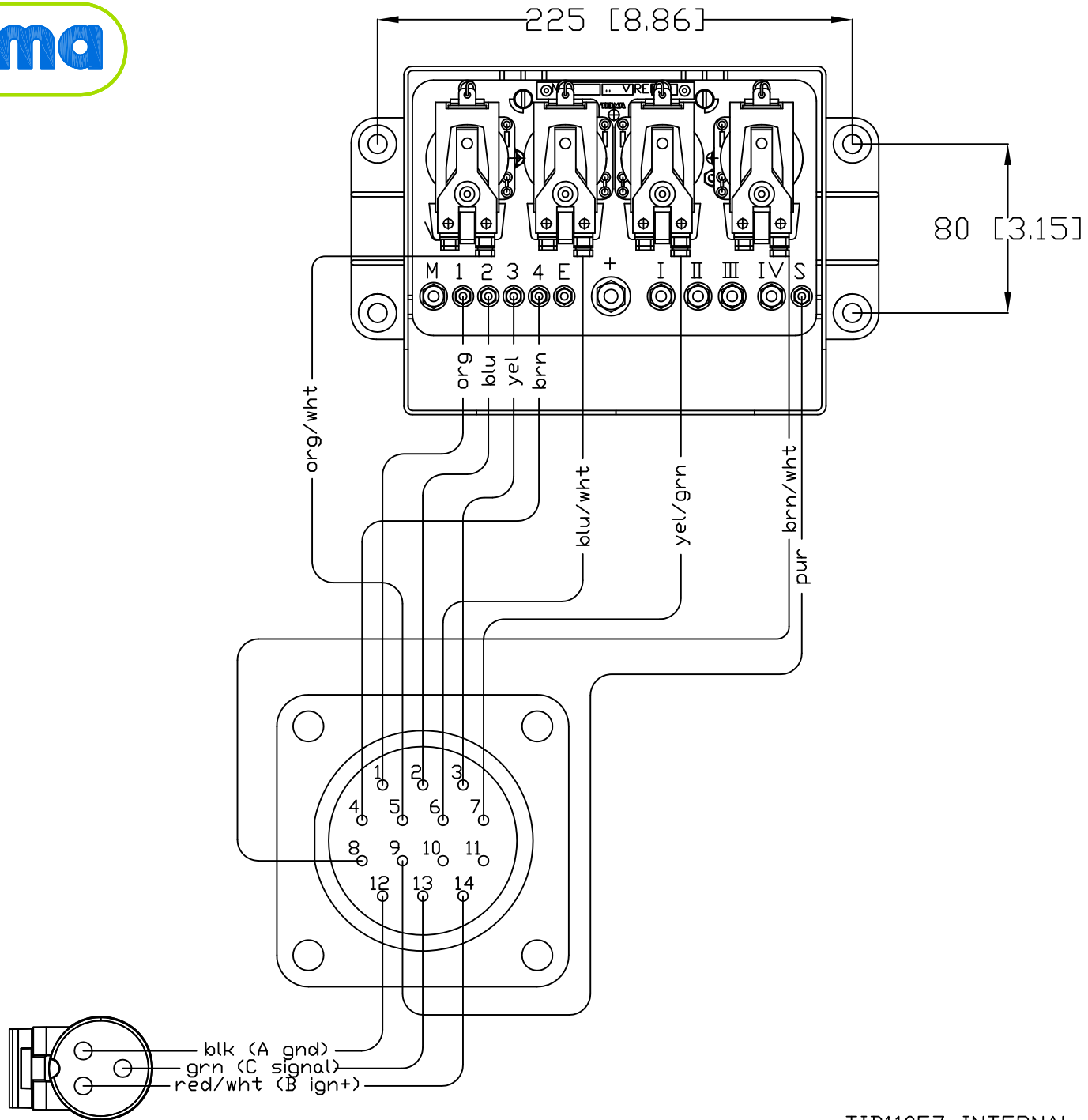
Caution: Connect with on/off switch to turn off this function under slippery conditions

J1939 CAN control features:
TRCM active outputs turn off under the following conditions.

- 1) during ABS event (with progressive reactivation)
- 2) Speed below 2 mph
- 3) Throttle position greater than 1%
- 4) Cruise Control is active

CONNECT TO J1939 AT THE BACK OF DIAGNOSTIC CONNECTOR OR TO THE BACKBONE WITH TERMINATING RESISTOR

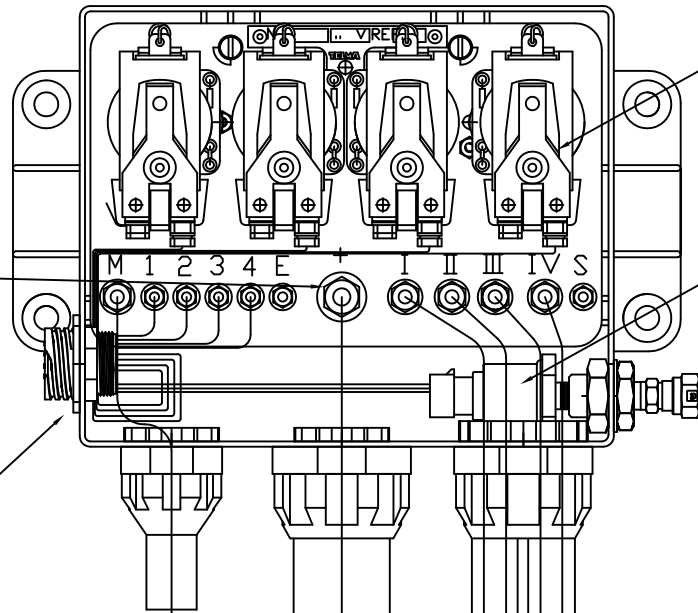
J1939 TELMA CONTROL WIRING WITH TRCM2 AND TID11057
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TIGHTENING TORQUES
 M4: 2Nm (18 lb-in) ±10%
 M6: 6Nm (53 lb-in) ±10%
 M8: 14Nm (124 lb-in) ±10%
 USE MEDIUM STRENGTH LOCTITE
 ON M8 "+" STUD
 PAINT MARK ALL CONNECTIONS
 AFTER TIGHTENING

14 PIN SQUARE
 FLANGE SOCKET
 TIG01019
 FEMALE PINS
 TIG01022



RELAY ASSEMBLY
 JD331121

PRESSURE
 TRANSDUCER
 TIG31065

1/4" COMPRESSION FITTING
 connect to
 treadle valve
 primary delivery
 port (air brakes)

RELAY BOX GROUND 6G SGX 259/30

BATT.(+) RED 2/0G 1292/30

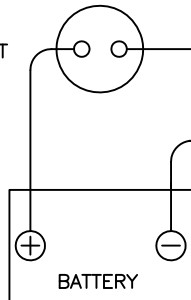
STAGE (1) 6G SGX 259/30

STAGE (2) 6G SGX 259/30

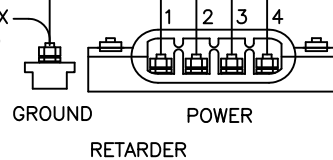
STAGE (3) 6G SGX 259/30

STAGE (4) 6G SGX 259/30

BATTERY
 DISCONNECT
 SWITCH



RET GND BLK
 2/0G SGX
 1292/30



CONTROL BOX TID11057
 POWER WIRING CONFIGURATION
 AND SPECIFICATIONS
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