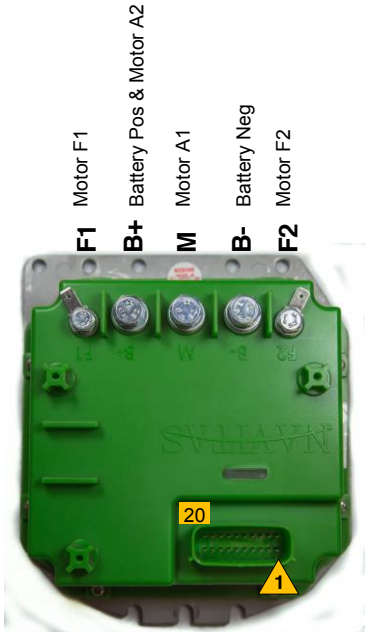


# TSX harness for CPC Negative Logic

Navitas Part Number: 40-000592



**Navitas TSX DC Shunt Controller  
J7 / CP**

- P1: OTF LOCK
- P2: XCAN\_N
- P3: XCAN\_P
- P4: SPEED SENSOR SIGNAL
- P5: CHARGER INTERLOCK
- P6: REV IN
- P7: FWD IN
- P8: KEY
- P9: GND
- P10: LOGIC POWER
- P11: +5V EXT
- P12: OTF ACCELERATION
- P13: OTF SPEED
- P14: OTF REGEN
- P15: THROTTLE IN
- P16: +12V POLY
- P17: FOOT SWITCH
- P18: GND POLY
- P19: REVERSE BUZZER
- P20: LINE CONTACTOR

20 POS Moulded  
TSX Connector

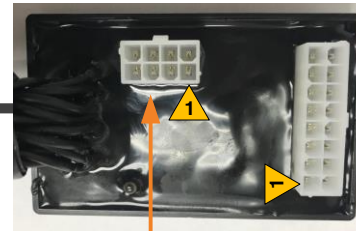


20 POS Moulded  
TSX Connector

- P1: RED
- P2: RED/BLACK
- P3: WHITE
- P4: WHITE/BLACK
- P5: GREEN
- P6: GREEN/BLACK
- P7: BLUE
- P8: BLUE/BLACK
- P9: BROWN
- P10: BROWN/BLACK
- P11: ORANGE
- P12: ORANGE/BLACK
- P13: PURPLE
- P14: PURPLE/BLACK
- P15: PINK
- P16: PINK/BLACK
- P17: YELLOW
- P18: YELLOW/BLACK
- P19: GREY
- P20: GREY/BLACK

Navitas PN: 40-000517

8 POS Molex  
39-29-9083



16 POS Molex  
39-28-1163



**Navitas PN: 10-000686  
OnTheFly Programmer**

- P1: (CP16) +12V PF
- P2: (CP14) OTF Regen
- P3: (CP13) OTF speed
- P4: (CP12) OTF acceleration
- P5: (CP11) +5V PF
- P6: (CP1) OTF Lock
- P7: (CP19) REV BUZ
- P8: (CP18) AGND

## To OEM vehicle harness

- P1: (CP8/10) Key/Logic Power
- P2: Forward In (Negative)
- P3: Reverse In (Negative)
- P4: Foot Switch (Negative)
- P5: Charger Interlock (Negative)
- P6: N/C
- P7: N/C
- P8: (CP20) Line Contactor
- P9: (CP19) Reverse Buzzer
- P10: (CP15) Throttle In
- P11: N/C
- P12: (CP16) +12V Poly
- P13: N/C
- P14: N/C
- P15: N/C
- P16: (CP4) Speed Sensor