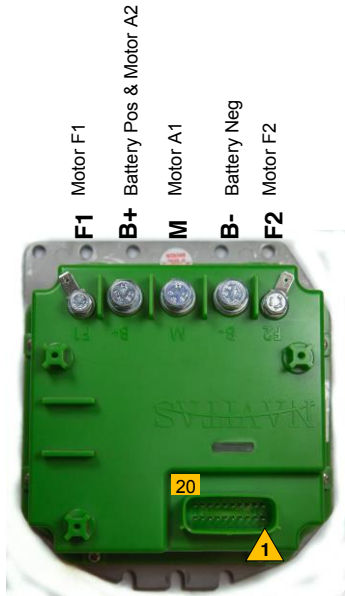


TSX harness for Curtis1268/1264

Navitas Part Number: 40-000516



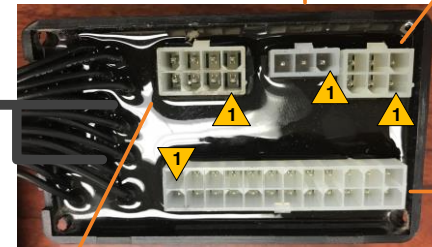
Navitas TSX DC Shunt Controller

- 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 Molded 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



3 POS Molex
39-30-1039
P1: KEY
P2: THROTTLE IN
P3: FWD IN

6 POS Molex
39-28-1063
P1: NA
P2: NA
P3: NA
P4: (CP18) GND Poly
P5: (CP4) Speed Sensor
P6: (CP16) +12V Poly

To OEM vehicle harness
1268/1264

24 POS Molex
39-28-1243
P1: (CP8) Key
P2: (CP5) Charger Interlock
P3: NA
P4: (CP10) Logic Power
P5: (CP10) Logic Power
P6: (CP10) Logic Power
P7: (CP10) Logic Power
P8: (CP17) Foot Switch
P9: NA
P10: (CP7) FWD In
P11: (CP6) REV In
P12: (CP10) Logic Power
P13: (CP18) GND Poly
P14: (CP18) GND Poly
P15: ITS Throttle -
P16: NA
P17: (CP20) Line Contactor
P18: NA
P19: Buzzer
P20: NA
P21: NA
P22: NA
P23: NA
P24: NA
CP=Controller Pinout



Navitas PN: 10-000686
OnTheFly Programmer

- P1: +12V PF
- P2: OTF Regen
- P3: OTF speed
- P4: OTF acceleration
- P5: +5V PF
- P6: OTF Lock
- P7: REV BUZ
- P8: AGND