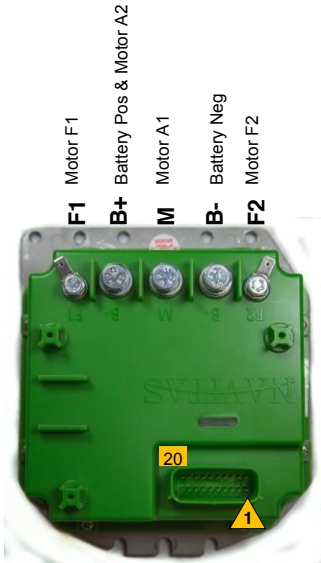


## TSX harness for EZGO1268 (ITS Throttle)

Navitas Part Number: 40-000515



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



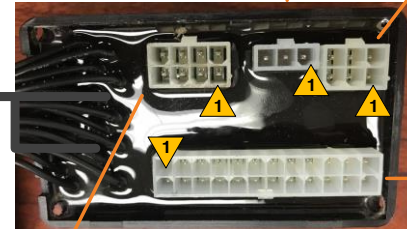
20 POS Molex  
TSX Connector

- 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: 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: (CP8) AGND



- 3 POS Molex  
39-30-1039
- P1: (CP8) KEY
- P2: (CP15) THROTTLE IN
- P3: (CP7) 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  
EZGO 1268

- 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: ITS Throttle ( - )
  - 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