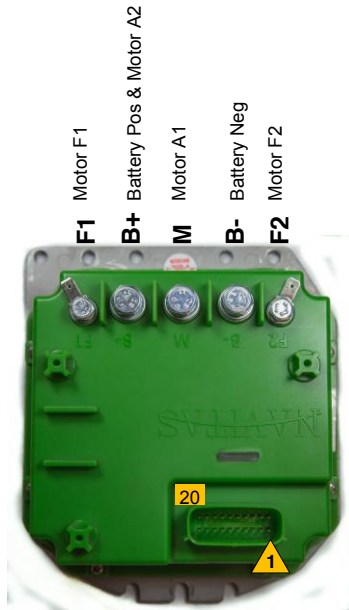


**TSX harness for E-Z-GO TXT DCS 36V  
when using 4WD motor kit  
Navitas Part Number: 40-000540**

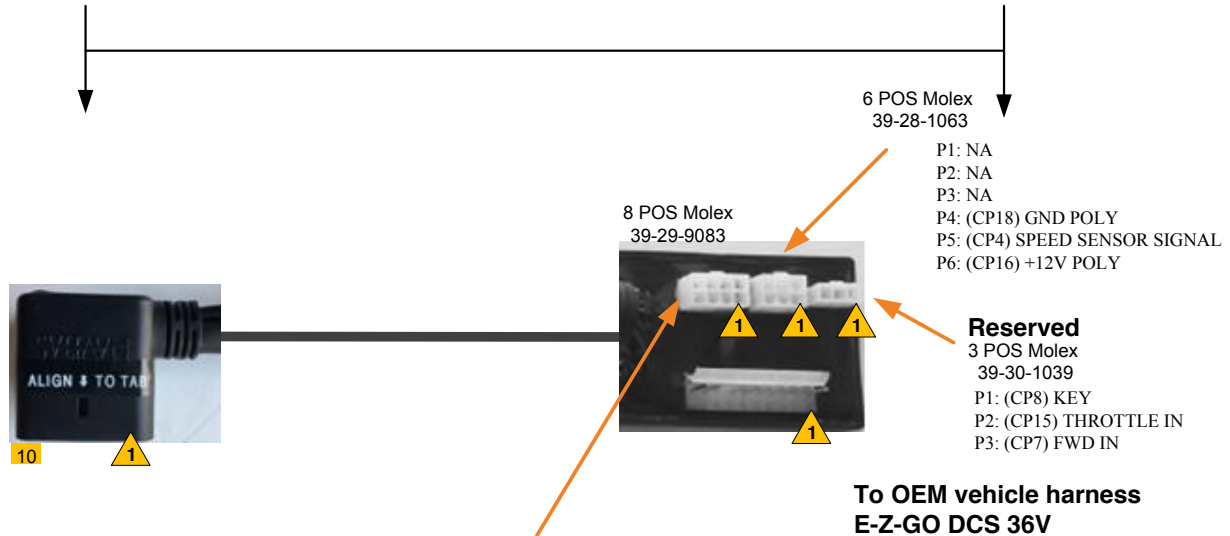


**Navitas TSX DC Shunt Controller**

- CP1: OTF LOCK
- CP2: XCAN\_N
- CP3: XCAN\_P
- CP4: SPEED SENSOR SIGNAL
- CP5: CHARGER INTERLOCK
- CP6: REV IN
- CP7: FWD IN
- CP8: KEY
- CP9: GND
- CP10: LOGIC POWER
- CP11: +5V EXT
- CP12: OTF ACCELERATION
- CP13: OTF SPEED
- CP14: OTF REGEN
- CP15: THROTTLE IN
- CP16: +12V POLY
- CP17: FOOT SWITCH
- CP18: GND POLY
- CP19: REVERSE BUZZER
- CP20: 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



**6 POS Molex  
39-28-1063**

- P1: NA
- P2: NA
- P3: NA
- P4: (CP18) GND POLY
- P5: (CP4) SPEED SENSOR SIGNAL
- P6: (CP16) +12V POLY

**Reserved**

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

**To OEM vehicle harness  
E-Z-GO DCS 36V**

**10 POS AMP  
1-640445-0**

- P1: (CP18) GND POLY
- P2: ITS THROTTLE+
- P3: BUZZER
- P4: (CP6) REV IN
- P5: (CP17) FOOT SWITCH
- P6: (CP8) KEY
- P7: (CP20) LINE CONTACTOR
- P8: NA
- P9: (CP5) CHARGER INTERLOCK
- P10: (CP10) LOGIC POWER



**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