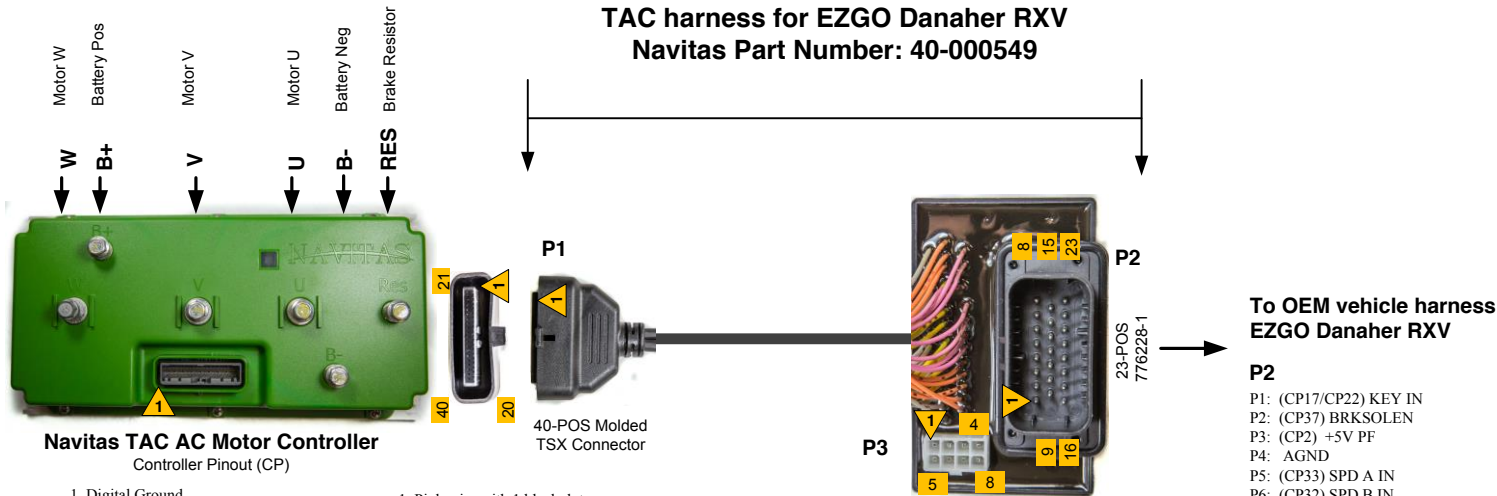


**TAC harness for EZGO Danaher RXV  
Navitas Part Number: 40-000549**



- 1 Digital Ground
- 2 +5V Output
- 3 Fused Ground
- 4 OnTheFly Programmer Regen Brake
- 5 Throttle Input
- 6 Analog Brake Input
- 7 Analog Ground
- 8 Reverse Switch Input
- 9 Digital Ground
- 10 Throttle Start Switch (Foot Switch)
- 11 OnTheFly Programmer Lock
- 12 Encoder Input C
- 13 Factory Programming
- 14 Serial RX Line
- 15 Serial TX Line
- 16 Digital Ground
- 17 Key Switch Input
- 18 Charger Interlock Input
- 19 Tow Switch Input
- 20 CAN +
- 21 Digital Ground
- 22 Logic Power
- 23 Analog Ground
- 24 Analog Ground
- 25 OnTheFly Programmer Acceleration
- 26 OnTheFly Programmer Speed
- 27 Motor Temperature Input
- 28 SOC Display Output
- 29 Analog Ground
- 30 +12V Output
- 31 Brake Switch
- 32 Encoder Input B
- 33 Encoder Input A
- 34 Forward Switch Input
- 35 Digital Ground
- 36 Reverse Buzzer Output
- 37 Motor Brake Solenoid Release
- 38 Main Solenoid Output
- 39 Brake Light
- 40 CAN-

- 1 Pink wire with 1 black dot
- 2 Pink wire with 2 black dots
- 3 Pink wire with 3 black dots
- 4 Pink wire with 3 black dots
- 5 Pink wire with 1 red dot
- 6 Pink wire with 2 red dots
- 7 Pink wire with 3 red dots
- 8 Pink wire with 4 red dots
- 9 Orange wire with 1 black dot
- 10 Orange wire with 2 black dots
- 11 Orange wire with 3 black dots
- 12 Orange wire with 4 black dots
- 13 Orange wire with 1 red dot
- 14 Orange wire with 2 red dots
- 15 Orange wire with 3 red dots
- 16 Orange wire with 4 red dots
- 17 Yellow wire with 1 black dot
- 18 Yellow wire with 2 black dots
- 19 Yellow wire with 3 black dots
- 20 Yellow wire with 4 black dots
- 21 Yellow wire with 1 red dot
- 22 Yellow wire with 2 red dots
- 23 Yellow wire with 3 red dots
- 24 Yellow wire with 4 red dots
- 25 Gray wire with 1 black dot
- 26 Gray wire with 2 black dots
- 27 Gray wire with 3 black dots
- 28 Gray wire with 4 black dots
- 29 Gray wire with 1 red dot
- 30 Gray wire with 2 red dots
- 31 Gray wire with 3 red dots
- 32 Gray wire with 4 red dots
- 33 White wire with 1 black dot
- 34 White wire with 2 black dots
- 35 White wire with 3 black dots
- 36 White wire with 4 black dots
- 37 White wire with 1 red dot
- 38 White wire with 2 red dots
- 39 White wire with 3 red dots
- 40 White wire with 4 red dots

- P3**
- 1
  - 4
  - 5
  - 8
  - 9
  - 16
- 8-POS Molex  
39-28-1083



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

- P3**
- P1: (CP30) +12V PF
  - P2: (CP4) OTF Regen
  - P3: (CP26) OTF speed
  - P4: (CP25) OTF acceleration
  - P5: (CP2) +5V PF
  - P6: (CP11) OTF Lock
  - P7: (CP36) REV BUZ
  - P8: (CP7) Analog Ground

- P2**
- P1: (CP17/CP22) KEY IN
  - P2: (CP37) BRKSOLEIN
  - P3: (CP2) +5V PF
  - P4: AGND
  - P5: (CP33) SPD A IN
  - P6: (CP32) SPD B IN
  - P7: (CP6) BRAKE IN
  - P8: NA
  - P9: (CP5) THROT IN
  - P10: (CP36) REV BU
  - P11: (CP28) SOC
  - P12: (CP34) FORWARD IN
  - P13: (CP19) TOW SW IN
  - P14: NA
  - P15: NA
  - P16: (CP27) MT TEMP IN
  - P17: (CP18) CH INTLK IN
  - P18: (CP38) MAIN SOLEN
  - P19: (CP10) FOOT SW IN
  - P20: (CP8) REVERSE IN
  - P21: NA
  - P22: (CP39) BRK L REL
  - P23: NA