

# COYOTE/GT500 W/6R80 SWAP HARNESS (PART # PBH-CP-6R80-HRN)

## DESCRIPTION OF LABELS

### BLUNT LEADS

1. (UPSHIFT) – WIRED TO MOMENTARY CONTACT BUTTON FOR UPSHIFT IN SPORT/SELECT POSITION ON SHIFTER.
2. (DOWNSHIFT) – WIRED TO MOMENTARY CONTACT BUTTON FOR DOWNSHIFT IN SPORT/SELECT POSITION ON SHIFTER.
3. (SHIFT COMMON) – USED FOR A COMMON GROUND TO UPSHIFT AND DOWNSHIFT BOTTON.
4. (BRAKE +) - WIRED TO BRAKE LIGHT SWITCH. POWER WHEN BRAKE IS ACTIVATED.
5. (TACH) – TACH SIGNAL (12 VOLT SQUARE WAVE).
6. (KEY +) - WIRED TO 12 VOLT POWER WHEN KEYS IS ON. NEEDS POWER IN THE START AND RUN POSITION.
7. (START +) - WIRE TO IGNITION START POWER.
8. CRUISE (SCCSRTN) – TO BE USED WITH FACTORY CRUISE CONTROL SWITCHES \*\*OPTIONAL\*\*
9. CRUISE (SCCS) - TO BE USED WITH FACTORY CRUISE CONTROL SWITCHES \*\*OPTIONAL\*\*
10. (OIL PRESSURE) – CONNECTS TO FACTORY OIL PRESSURE SWITCH (NORMALLY CLOSED CIRCUIT)

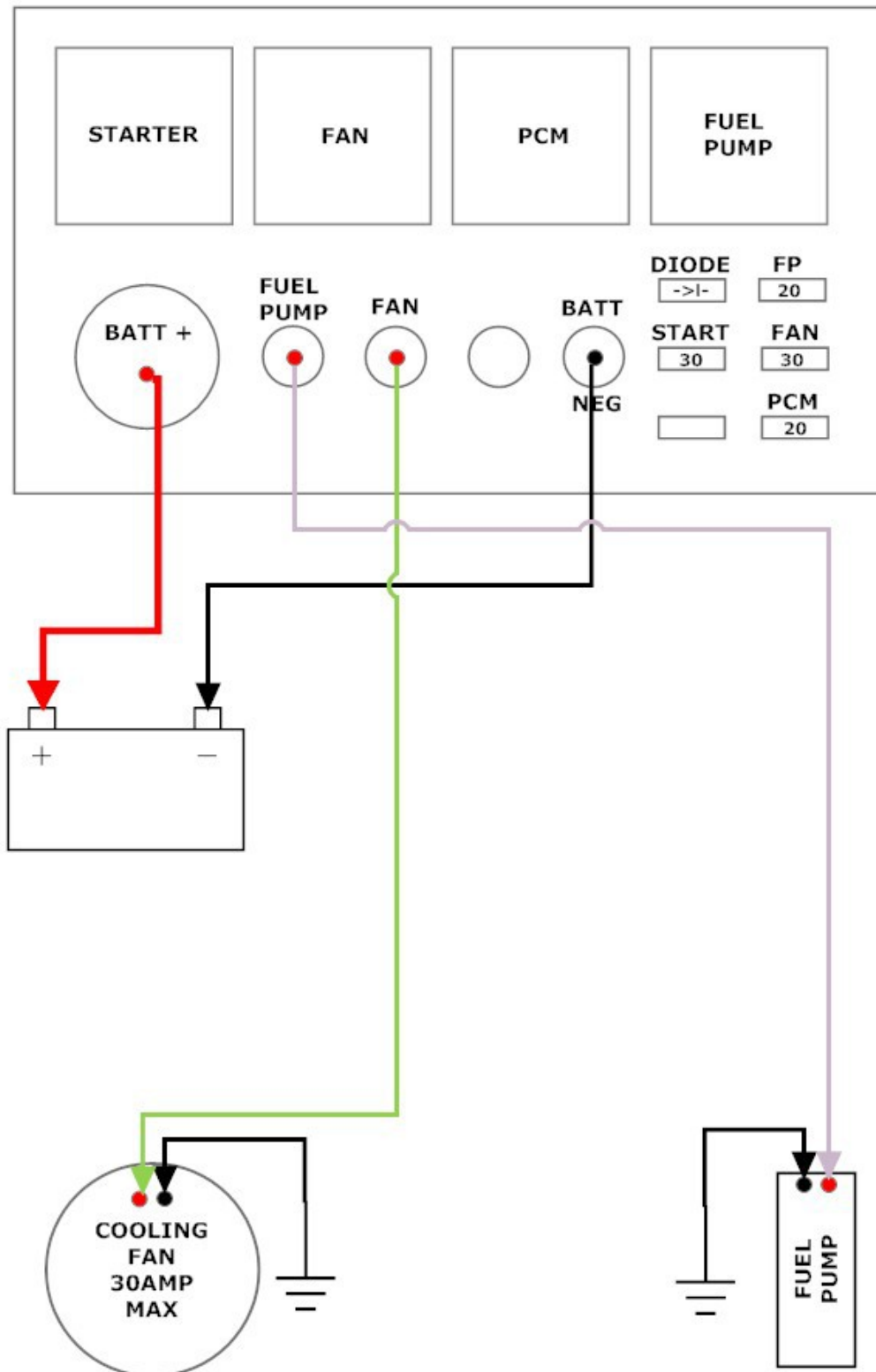
## INPUT/OUPUTS

1. (FP) – FUEL PUMP POWER. 30A MAX  
\*\*\*\*REQUIRES 10GA OR LARGER WIRE\*\*\*\*
2. (FAN) – FAN POWER. 30A MAX  
\*\*\*\*REQUIRES 10GA OR LARGER WIRE\*\*\*\*
3. (BATT NEG) - WIRED TO BATTERY GROUND  
\*\*\*\*REQUIRES 10GA OR LARGER WIRE\*\*\*\*
4. (BATT +) - WIRED TO BATTERY POWER (CONSTANT POWER)  
\*\*\*\*REQUIRES 4GA OR LARGER WIRE \*\*\*\*

## CONNECTOR

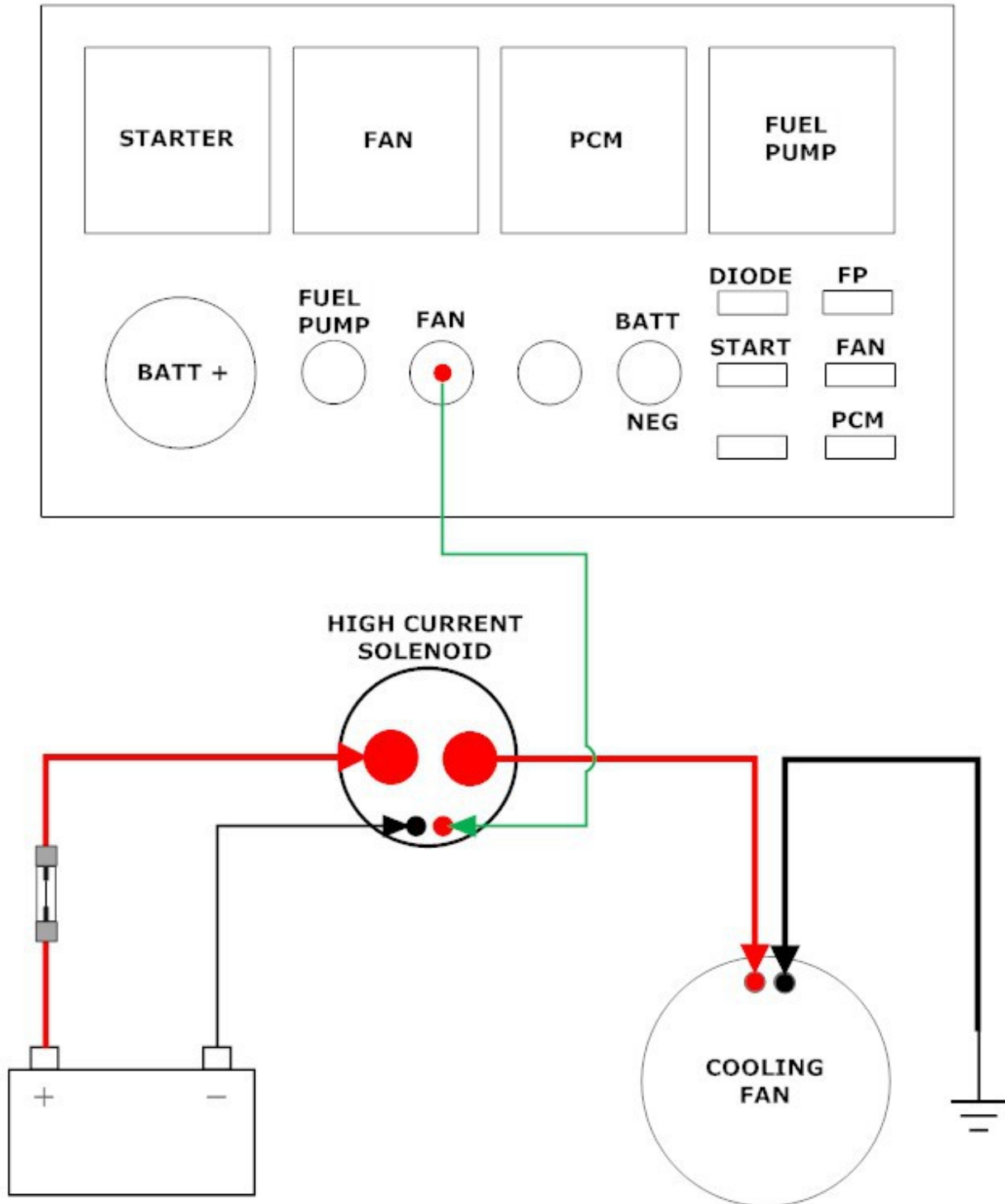
1. (PEDAL) – CONNECTS TO GAS PEDAL C2040
2. (MAF) – CONNECTS TO MASS AIR FLOW SENSOR C128
3. (TRANS) – CONNECTS TO TRANSMISSION HARNESS C110
4. (ENG) – CONNECTS TO ENGINE HARNESS C146
5. (DLC) – DATA LINK CONNECTOR (USED FOR TUNING AND DIAG)
6. (PCM) – CONNECTS TO PCM C175B

### FUSE/RELAY BOARD DIAGRAM

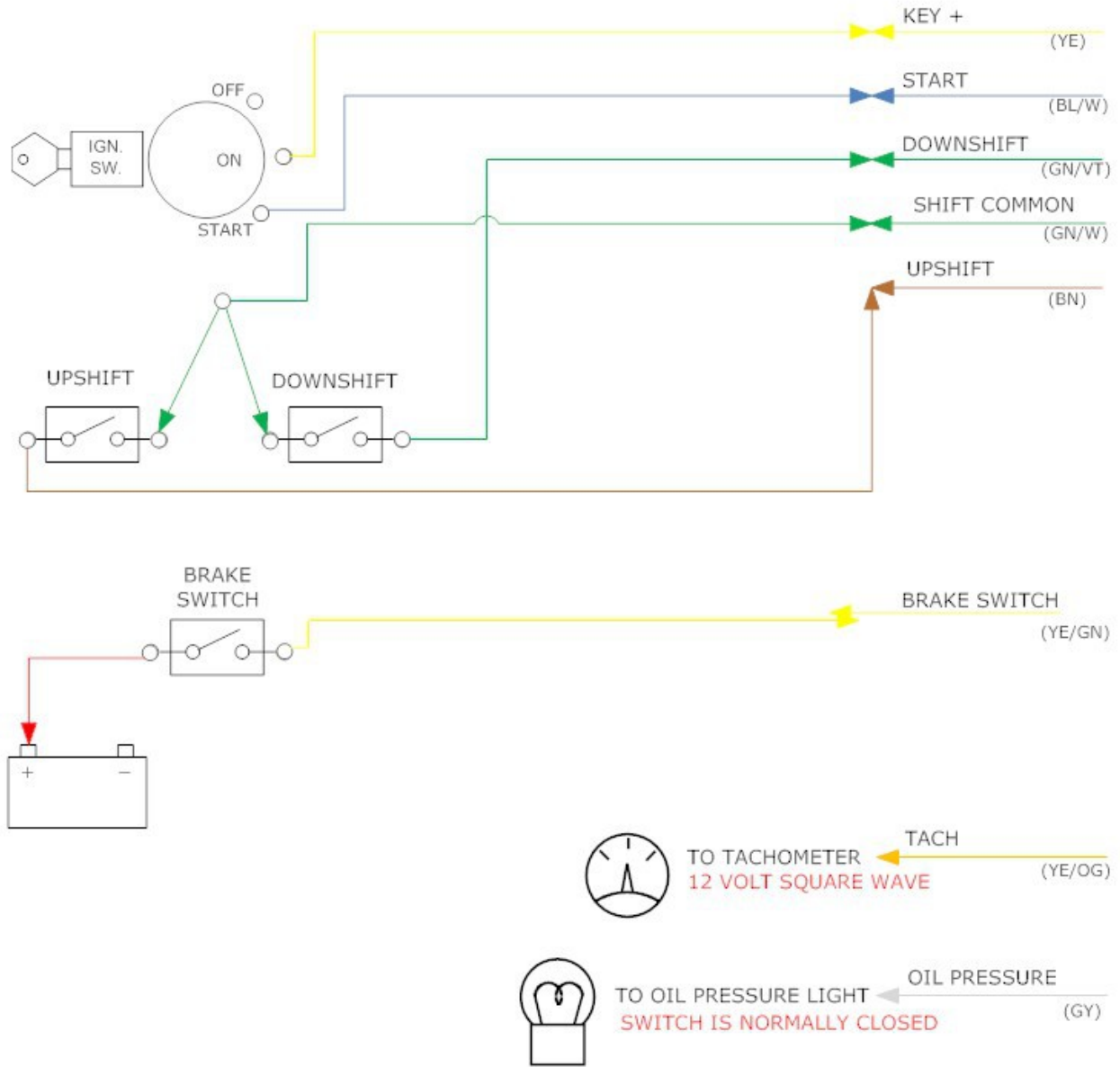


\*\*\*If using a fan with more than 30 amp draw, a high current relay or solenoid will need to be added\*\*\*

# HIGH CURRENT SOLENOID DIAGRAM



# BLUNT LEAD DIAGRAM



SOME PRODUCTS THAT MAY MAKE YOUR INSTALL EASIER.

1. HIGH CURRENT SOLENOID (PBH-HD-CD-SOLENOID) – ALLOWS USE OF HIGH CURRENT COOLING FAN.

2. SHIFT LEVER (PART # PBH-6R80-SHFT-LVR) – CONVERTS THE 6R80 LEVER TO AN AODE/4R70W. THIS ALLOWS THE USE OF MORE COMMON SHIFTERS.

\*\*\* NOTE: WHEN USING AN AODE/4R70W SHIFTER YOU WILL ONLY NEED THE USE DRIVE AND 2<sup>ND</sup> GEAR POSTIONS. THE 2<sup>ND</sup> GEAR POSITION ACTS AS “SPORT/SELECT” POSITION.

3. SELECT SHIFT SWITCH (PART # PBH-CP-SELECT-SWTCH) – A DOUBLE THROW ROCKER SWITCH THAT’S LABELED SELECT SHIFT WITH UP AND DOWN ARROWS.

4.SPEEDOMETER OUTPUT CONVERTER (PART # PBH-CP-SPEEDO-ADAPTOR) – GIVES YOU A CONFIGRABLE SPEEDO OUTPUT TO RUN ALMOST ANY SPEEDOMETER.

5.TRANSMISSION COOLER LINE FITTINGS(PART #PCP-TRANSF) -FITTING KIT COMES WITH NEEDED FITTINGS, HOLD DOWN, AND BOLT TO USE -8 COOLER LINE FITTINGS FOR AFTERMARKET COOLER USE.

VISIT [pbhperformance.com/product-category/engine-swap-parts/](http://pbhperformance.com/product-category/engine-swap-parts/) FOR UPDATES AND NEW PRODUCTS.