

**PENNTEX HARNESS KEY:**  
 BLUE: FIELD  
 ORANGE: STATOR  
 RED: 12 VOLT SOURCE SENSE  
 BROWN: IGN. SOURCE  
 BLACK: REG. GROUND  
 YELLOW: 24 VOLT OUTPUT

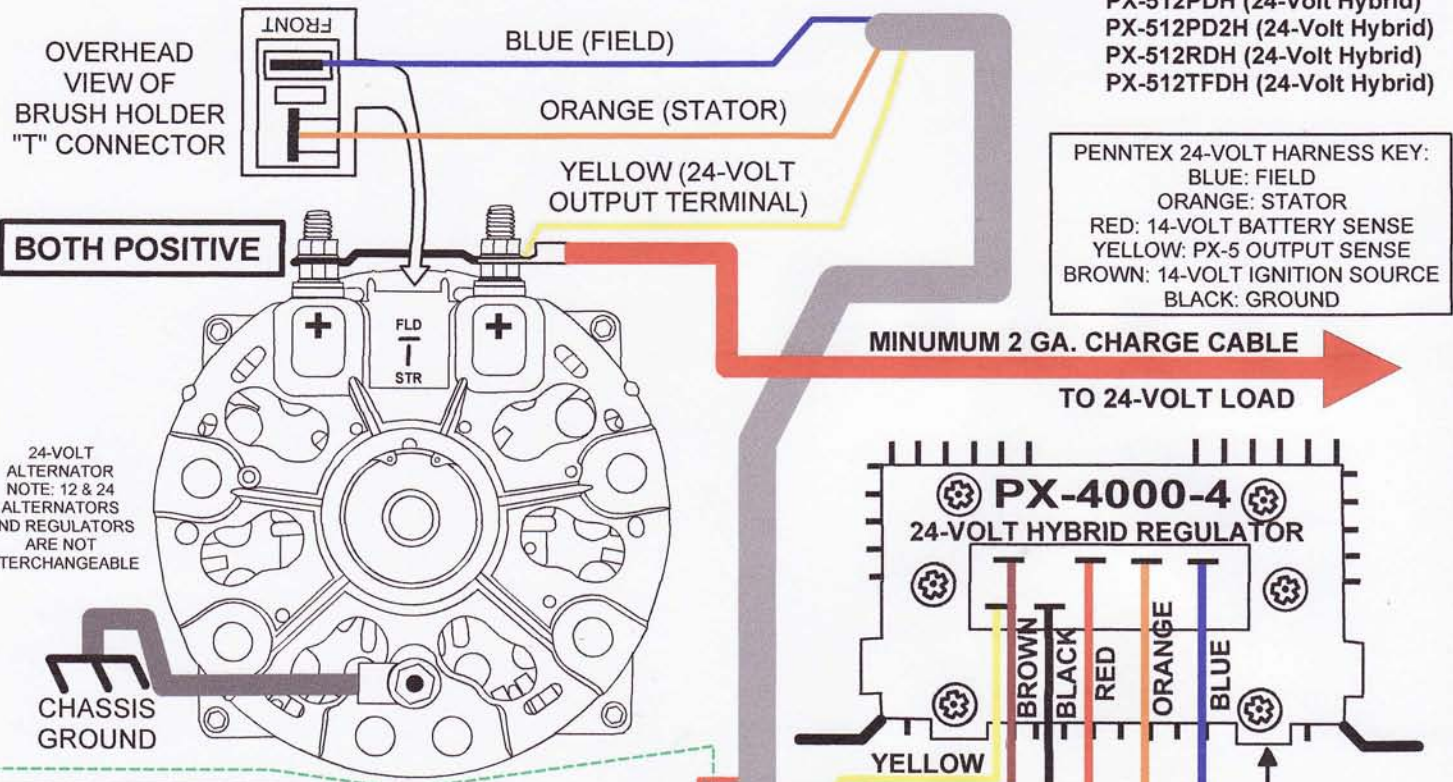
**NOTES:** THIS IS A GENERIC WIRING SCHEMATIC FOR THE PX-512RH ALTERNATOR. THIS DIAGRAM IS NOT SPECIFIC TO ANY CERTAIN MAKE, MODEL, OR ENGINE.  
 CHARGING CABLE SIZE: #2AWG OR LARGER

**PennTex INDUSTRIES, INC.**  
 FT. WORTH, TX MANCHESTER, PA  
 877-590-7366 www.penntexusa.com

TITLE/DESC. GENERIC WIRING DIAGRAM FOR PX-512RH WITH PX-4000-4 REGULATOR		
DATE: 08/07/07	DRAWING NUMBER: PD-233	REVISION #
DRAWN BY: DMc	UPDATED BY:	UPDATE DATE:
SCALE: NONE		PAGE: 1 OF 1

PX-512PDH (24-Volt Hybrid)  
 PX-512PD2H (24-Volt Hybrid)  
 PX-512RDH (24-Volt Hybrid)  
 PX-512TFDH (24-Volt Hybrid)

**PENNTEx 24-VOLT HARNESS KEY:**  
 BLUE: FIELD  
 ORANGE: STATOR  
 RED: 14-VOLT BATTERY SENSE  
 YELLOW: PX-5 OUTPUT SENSE  
 BROWN: 14-VOLT IGNITION SOURCE  
 BLACK: GROUND

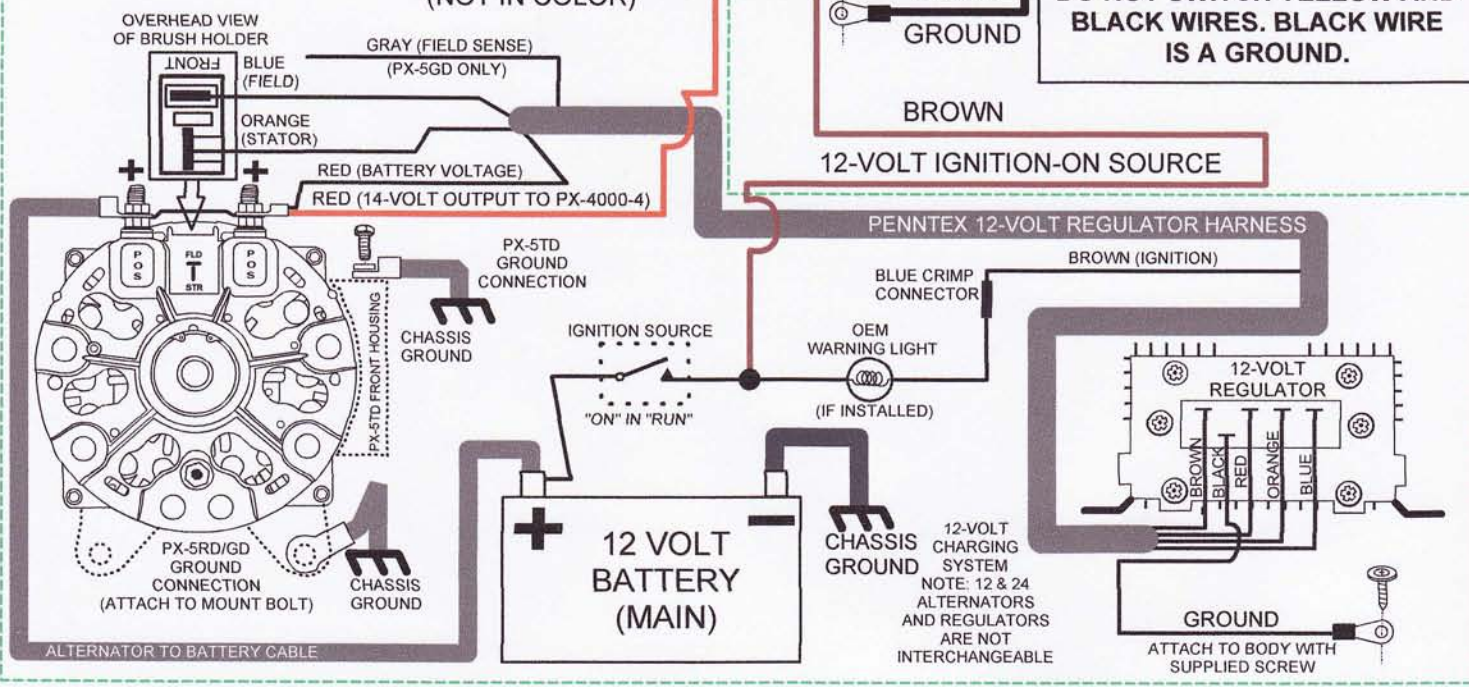


24-VOLT ALTERNATOR  
 NOTE: 12 & 24 ALTERNATORS AND REGULATORS ARE NOT INTERCHANGEABLE

**BOTH POSITIVE**

**12-VOLT HARNESS KEY:**  
 BLUE: FIELD  
 ORANGE: STATOR  
 RED: 14-VOLT BATTERY SENSE  
 BROWN: 14-VOLT IGNITION SOURCE  
 BLACK: GROUND

12-VOLT CHARGING SYSTEM NOT INCLUDED—SHOWN FOR CONNECTION INFORMATION ONLY (NOT IN COLOR)



**NOTES:**  
 THIS IS A GENERIC WIRING SCHEMATIC FOR A 24-VOLT HYBRID SYSTEM USING A PX-5\_DH-120 ALTERNATOR WITH A PX-4000-4 REGULATOR. THIS DIAGRAM IS NOT SPECIFIC TO ANY CERTAIN MAKE, MODEL, OR ENGINE.

**Penntex INDUSTRIES, INC.**  
 FT. WORTH, TX 877-590-7366    MANCHESTER, PA penntexusa.com

TITLE/DESC. 24-VOLT PX-5_DH SERIES DIAGRAM SHOWN WITH 12-VOLT CONNECTIONS		
DATE: 03-18-14	DRAWING NUMBER:	REVISION #
DRAWN BY: DMc	UPDATED BY:	UPDATE DATE:
SCALE: NONE		PAGE: 1 OF 1