

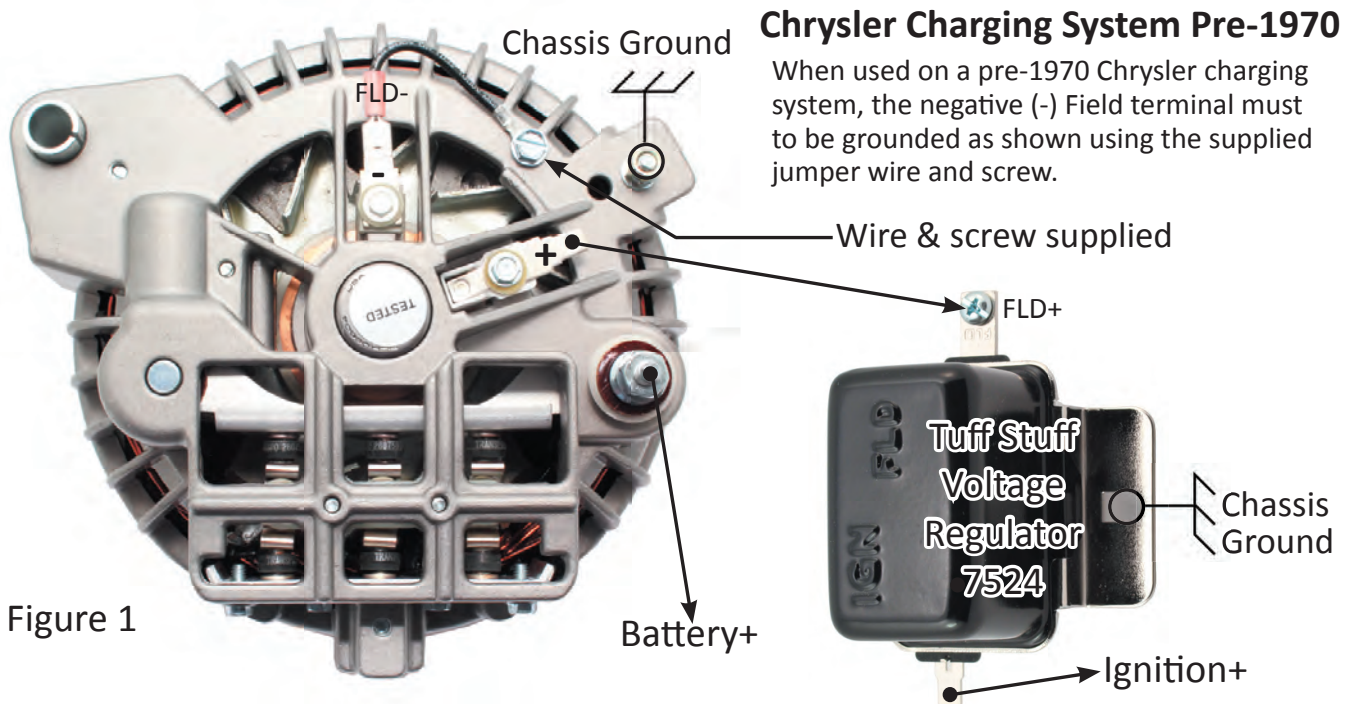


CHRYSLER ALTERNATOR Wiring Instructions

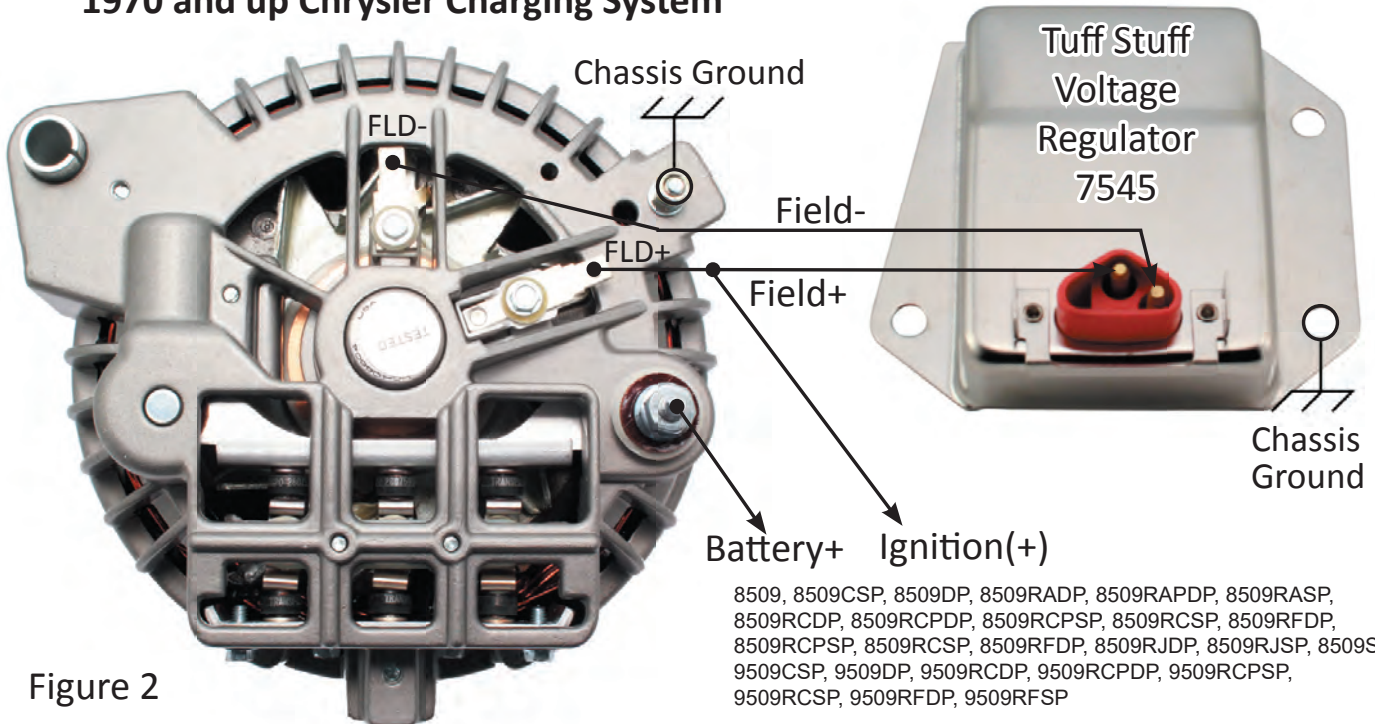
WARNING! Tuff Stuff 8509 and 9509 alternators are **NOT TO BE USED** with the factory relay (the relay between the alternator output terminal and battery) as Tuff Stuff alternators output is nearly double the factory amperage and the OE relay cannot handle the additional amperage.

**CORRECT WIRE
SIZE IS CRITICAL!**

| AMPS@12V | 1-5 FT | 5-10 FT | 10-15 FT | 15-20 FT | 20-25 FT | 25-30 FT |
|----------|--------|---------|----------|----------|----------|----------|
| 60-100 | 6 AWG | 4 AWG | 1 AWG | 0 AWG | 0 AWG | 2/0 AWG |
| 100-150 | 4 AWG | 2 AWG | 0 AWG | 2/0 AWG | 2/0 AWG | 3/0 AWG |



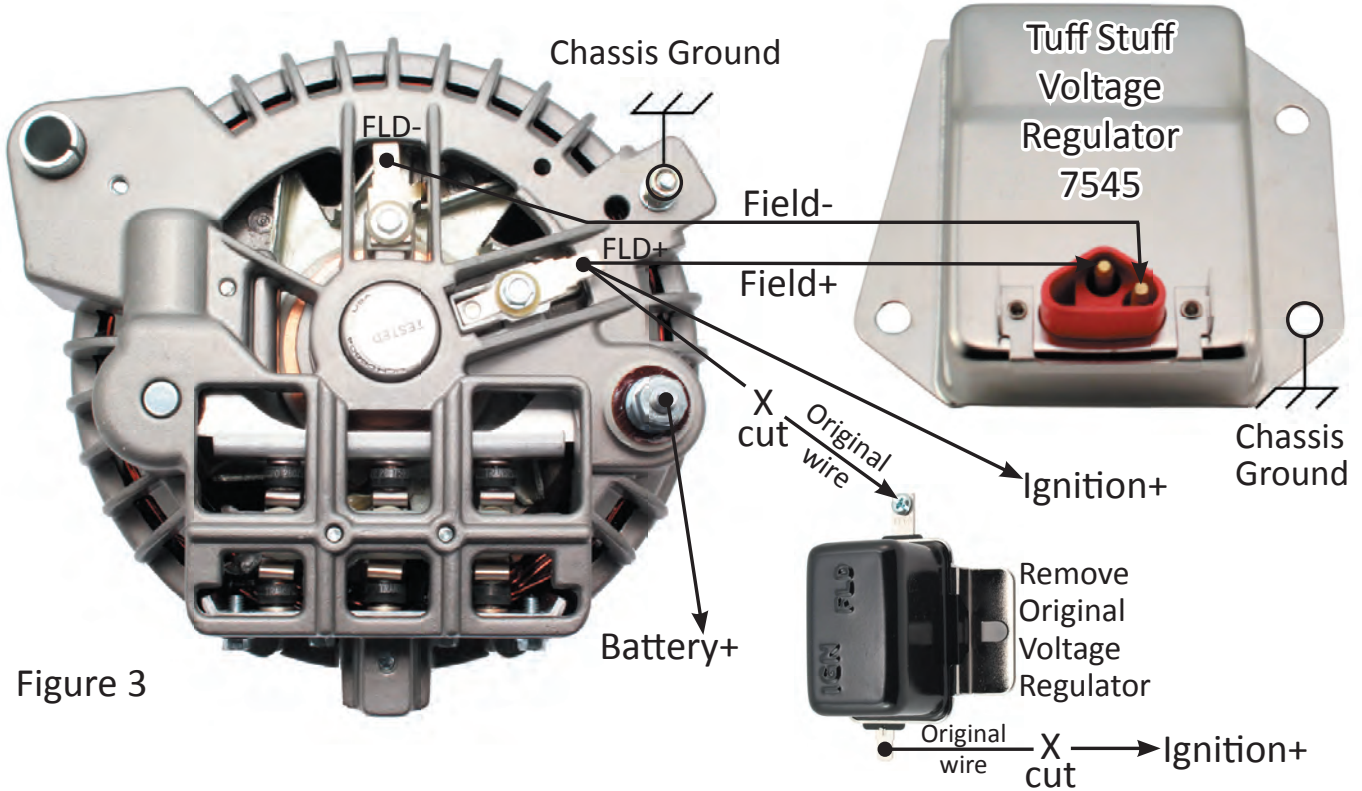
1970 and up Chrysler Charging System



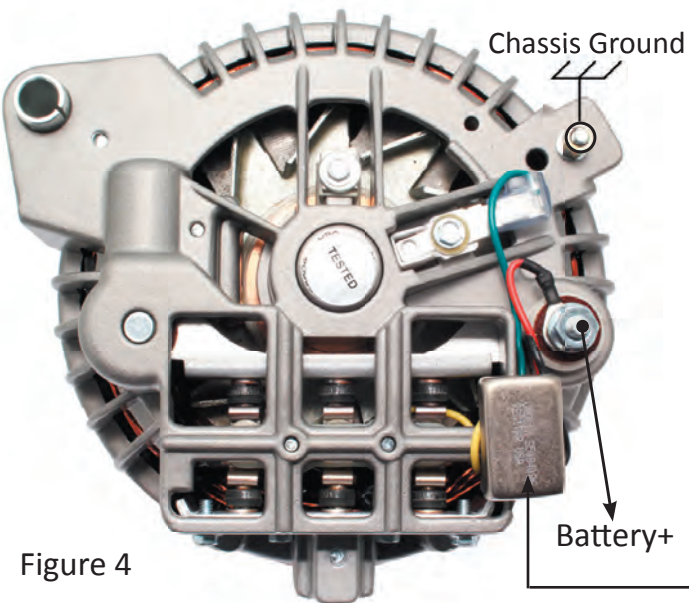


CHRYSLER ALTERNATOR Wiring Instructions

Convert Pre-1970 Charging System to Electronic Voltage Regulator



8509, 8509CSP, 8509DP, 8509RADP, 8509RAPDP, 8509RASP, 8509RCDP, 8509RCPDP, 8509RCSP, 8509RCSP, 8509RFDP, 8509RCSP, 8509RCSP, 8509RFDP, 8509RJD, 8509RJP, 8509SP, 9509CSP, 9509DP, 9509RCDP, 9509RCPDP, 9509RCSP, 9509RCSP, 9509RFDP, 9509RFSP



1-Wire Alternator System

A Tuff Stuff 1-Wire alternator includes a 7530B custom voltage regulator that eliminates the need for an external voltage regulator.

8509DDP, 8509DSP, 8509RBDP, 8509RBDP7, 8509RBPDP, 8509RBPSP, 8509RBSP, 8509RBSP7, 8509RDDP, 8509RDDP7, 8509RDPDP, 8509RDPSP, 8509RDSP, 8509RDSP7, 8509REDP, 8509RESP, 8509RGDP, 8509RGSP, 9509DDP, 9509DSP, 9509RDDP, 9509RDPDP, 9509RDPSP, 9509RDSP, 9509REDP, 9509RESP

Tuff Stuff 1-Wire voltage regulator 7530B works ONLY with Tuff Stuff Chrysler alternators!