

# ALTERNATORS & CHARGING SYSTEM

Not all alternators are created equal. Many dealers claim to have a performance alternator that in the long run turns out to be nothing more than a pretty case. American Autowire alternators eliminate this problem by combining exceptional performance and beauty in one package. Our alternators are 100% new parts and each alternator is individually tested at the time of production and includes the resulting test data.

A common statistic used to rate an alternator is its maximum output amperage at a set standard RPM. Using this rating method, each American Autowire alternator is guaranteed to output 120 maximum amps under normal conditions. This is one of those extra benefits derived by using components that are capable of higher output while maintaining a guaranteed continuous 120 amp output rating. However, this is only half the story.

Relying solely on advertised full amperage output of an alternator is a common mistake as manufacturers fail to tell you the true RPM at which this maximum output occurs. Most people would be disappointed to hear that at idle many alternators fail to output enough amperage to handle the vehicle's current demands. Think about this the next time you are cruising at low RPM or parked idling with the A/C, radio, lights and electric fan on. You may be draining power from the battery because the alternator output at that vehicle RPM cannot meet the vehicle demand. Knowing the alternator output at idle and low RPM is another important statistic included on the unit's profile sheet. Every American Autowire alternator will output a minimum of 60 amps at idle speed if needed. This is three times the amount of other manufacturers. Again, our design criteria guarantees this minimum. Both high and low end output capability is the true measure of the alternator's performance. While this does add extra cost to your alternator, it is worth the difference for the performance output gained.

These alternators are rated at 120 amp output. They will put out 60 amps at idle speed. At full speed they will put out over 120 amps. Units come with computer print out of performance. We are so confident in the performance of our alternators that each carries a limited lifetime warranty under normal use.

An American Autowire alternator matched to the correct size battery will ensure years of trouble free operation of your charging system. The use of any of these Alternators in conjunction with any AAW kit requires the use of AAW alternator adapter 37796 which may be purchased separately.

- 500278 GM "CS" Series chrome w/multigroove pulley . . . . .199.00 ea
- 500279 GM "CS" Series non-chrome w/multigroove pulley . .139.00 ea
- 500910 GM "CS" Series w/V belt pulley, chrome. . . . .199.00 ea
- 500911 GM "CS" Series w/V belt pulley, non-chrome. . . . .139.00 ea
- 510010 Ford 3G Alternator . . . . . 339.00 ea

*No alternator is made to work at 100% capacity, always trickle charge vehicle when it sits for long periods of time.*



*We are so confident in the performance of these alternators that each carries a limited life time warranty under normal use.*



510010



500539

500540

500802

500529



37787

37796

27555

500295

## Alternator Conversion Kits

Adapter kits to allow easy conversion from your current alternator harness wiring to the connection requirements of a newer alternator. Plug in installation with instructions.

- 27555 GM External regulator to GM "SI" series internal regulator (This is an easy plug-in conversion that can be used with 1985 and earlier series alternators) . . . . 19.00 ea
- 37787 GM External regulator to GM "CS" series internal regulator (This is an easy plug-in conversion that can be used with 1986 and later series alternators) . . . . . 19.00 ea
- 37796 GM "SI" series to GM "CS" series (Here's a plug-in conversion that can be used on 1986-later alternators) CS130 or CS144 . . . . .11.00 ea
- 500295 GM "SI" series internal regulator to GM "CS130D" . . . . . 18.00 ea
- 500802 GM "SI" series to FORD "3G" int. reg. alternator . . . . . 22.00 ea
- 500057 Stud boot. GM alt. (Seals over battery stud insulator) . . . . . 3.50 ea
- 500342 Stud cover. GM alt. (Snaps over battery stud insulator). . . . . 3.50 ea
- 500539 CS130 with lead wire . . . . . 12.00 ea
- 500540 CS130D with lead wire. . . . . 18.00 ea
- 500541 Diode adapter kit for the SI series Alternator . . . . . 13.00 ea
- 500875 High Amp Alternator Kit. . . . . 28.00 ea



500057

500342

500875

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PHONE YOUR ORDER  
888-243-1452

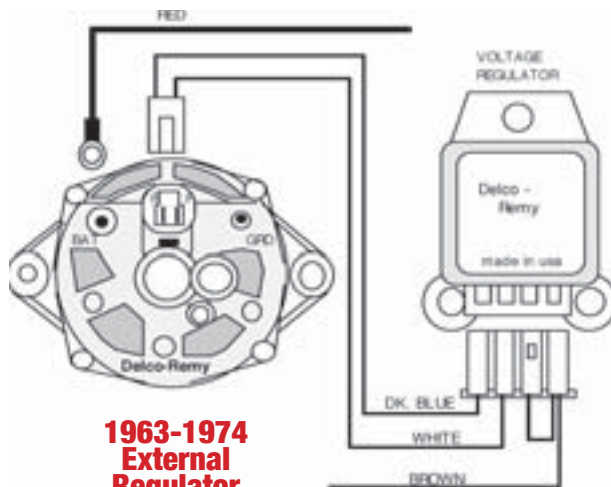
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FAX YOUR ORDER  
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# ALTERNATORS

## Which alternator do you have?

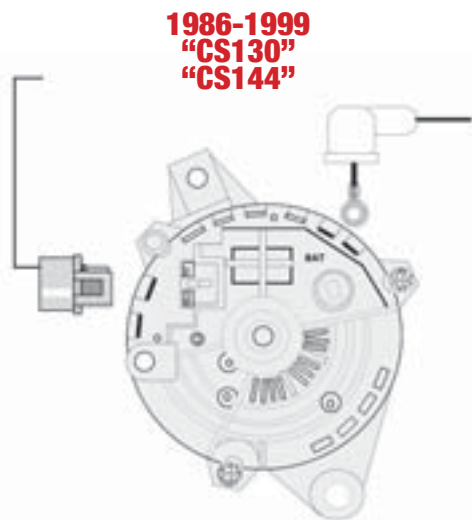
There are 4 GM alternators that are the most common ones installed today; the externally regulated alternator used on most GM vehicles from 1963 to 1974, the "SI" series alternator with internal regulator used on almost all GM vehicles from 1969 to 1985, the "CS" series alternator with internal regulator used on GM vehicles from in 1986 till 1999 and finally the CS 130/CS 144 (which has an internal cooling fan), from 1994. Check yours against the pictures so you can order the correct connectors.



**1963-1974  
External  
Regulator**



**1969-1985  
"SI"**



**1986-1999  
"CS130"  
"CS144"**



**1994-Beyond  
"CS130-D"**

*The newest alternator to appear on GM vehicles has a new plug but the most noticeable difference is that the fan is now located inside the alternator body.*

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