



Texas T Parts

711 Ashford Hills Drive
Bryan, Texas 77801

(979) 260-5433 1-800-337-6977
Fax (979) 260-1214
www.TexasTParts.com

Note our
New Address
Everything else
remains the same.



Externally Mounted - Single Wire 12-Volt Alternator for Model Ts INSTALLATION INSTRUCTIONS

Remove your old crankshaft pulley and install the new one as per the instructions with the pulley. Remove the 2 left front head bolts. We have supplied two 7/16"x3-1/2" bolts with alternators for early (low head) cars **or** two 7/16"x4" bolts with alternators for late (high head) cars. Please examine the bolts you received to make sure they are an appropriate length for your car. You should have at least 1/2" of threads into your block.

Install the alternator mounting bracket with the longer head bolts, using the supplied stainless steel washers under the head bolts. The washers will insure that you get an accurate torque reading. Torque the bolts to the normal 55 ft.lbs. recommended for Model T by Ford.

Mount the alternator on the bracket, but do not tighten. Check the alignment of the alternator pulley with the crankshaft pulley and use washers as spacers in front or in back of the alternator to achieve proper alignment of the two pulleys. See Drawing A.

Attach the adjustment arm, with the rounded end on the timing cover bolt, 2nd from the right as you face the engine. (See Figure B) Attach the other end to the alternator with the 8mm x 1.25 bolt, washer, & lock washer supplied.

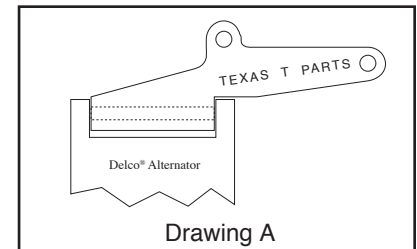
Your **fan belt** needs to be the same length as before, but only 1/2" wide. If you are using a Texas T Parts 10 rib micro-groove fan belt, you may split it lengthwise down the center and you will have two fan belts the correct length and width. If you don't have the Texas T Parts belt, a 3-groove Micro-V belt such as the NAPA "V-Ribbed Belt" supplied with this alternator for the alternator pulley works okay, even with your flat pulley.

Install the belt for the alternator and adjust the tension. (Should you find you need a longer belt, most NAPA auto parts stores will exchange it. If not, return it to us, with \$3.00 shipping, and we will exchange it.) Keeping the adjuster as straight as possible, tighten all bolts on the adjuster arm and the pivot bolt on the alternator bracket.

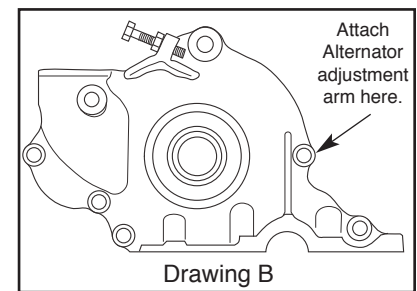
This alternator is self activated and only requires one wire. If your car has a wiring harness that includes a wire for a generator connect that wire to the BAT post on the alternator. Otherwise you will only need to connect a wire (minimum #12) from the BAT terminal on the alternator through your ammeter to the positive terminal on your battery. We recommend the use of either an ammeter or volt meter or both. The alternator will automatically begin charging when your engine reaches about 500 RPM. This alternator is rated at 70 amps on a modern car, and will charge between 20 - 35 amps even at the slow RPM of a Model T engine. The regulator will cut back on the charge and an ammeter will read only when it is actually charging the battery.

Cars With Water Pumps Only

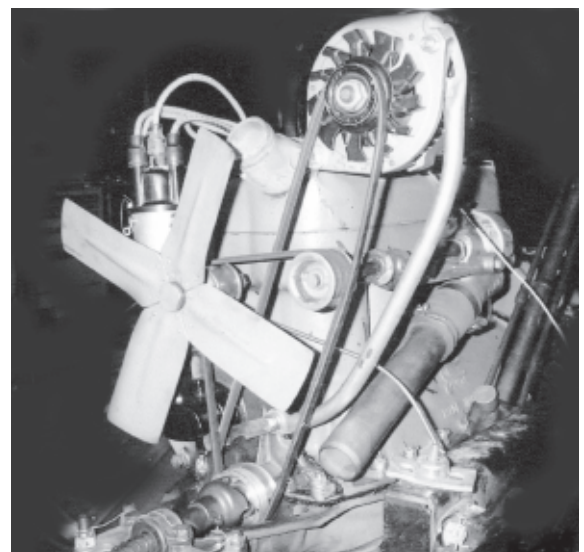
Cars with water pumps may require that you make your own adjustment arm in order to get the alternator into a position that is compatible with the water pump. See the photograph to the right. This configuration was needed due to the narrow engine compartment in a very early car.



Drawing A



Drawing B



This configuration **ONLY** applies to cars with Water Pumps.

TEXAS 'T' PARTS
LIMITED WARRANTY

Texas 'T' Parts will repair or replace this Delco alternator, for a period of 1 year from the date of purchase, if it wears out or fails to function properly under normal use. Proof of purchase date will be required, so be sure to keep your receipt.

Since we don't install parts, the part must be installed on the type of individually owned and operated passenger vehicle for which it is designed. Of course, we cannot replace a part whose failure was caused by another faulty part, low fluid, poor maintenance, or other abuse.

Return any part directly to us, along with a copy of the sales receipt showing the date of purchase, and \$5 to cover shipping & handling. Do not return parts to your dealer.

That's what our warranty means in plain English, but we regret we must include this legalese, too: THIS LIMITED WARRANTY REPRESENTS THE TOTAL LIABILITY OF TEXAS 'T' PARTS FOR ANY WARRANTED PART, AND TEXAS 'T' PARTS MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TEXAS 'T' PARTS SHALL NOT BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. Texas 'T' Parts reserves the right, at its option, to refund the customer's money instead of replacing a part. This warranty does not cover parts that are installed on marine, off-road, commercial, or government vehicles, or stationary units.