

English text & lots of  
D190609 - with vacuum  
advance

D190509 - without vacuum  
advance

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PERTRONIX CATALOG

### LIMITED WARRANTY

PerTronix, Inc. warrants to the original Purchaser of its Flame-Thrower distributor that the product shall be free from defects in material and workmanship (normal wear and tear excluded) for a period of 12 months from the date of purchase.

If within the period of the foregoing warranty PerTronix finds, after inspection, that the product or any component thereof is defective, PerTronix will, at its option, repair such products or component or replace them with identical or similar parts PROVIDED that within such period Purchaser:

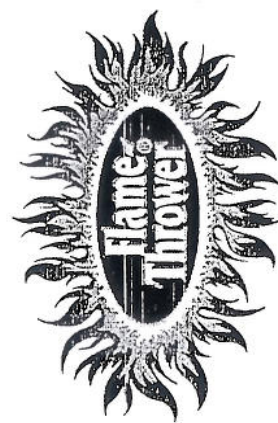
1. Promptly notifies PerTronix, in writing, of such defects.
2. Delivers the defective product or component to PerTronix (Attn: Warranty) with proof of purchase date; and
3. Has installed and used the product in a normal and proper manner, consistent with PerTronix printed instructions

THE FOREGOING LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THE FURNISHING OF A REPAIR OR REPLACEMENT COMPONENT OR COMPONENTS SHALL CONSTITUTE THE SOLE REMEDY OF PURCHASER AND THE SOLE LIABILITY OF PerTronix WHETHER ON WARRANTY, CONTRACT OR FOR NEGLIGENCE, AND IN NO EVENT WILL PerTronix BE LIABLE FOR MONEY DAMAGES WHETHER DIRECT OR CONSEQUENTIAL.



440 East Arrow Highway  
San Dimas, CA 91773  
909-599-5955  
www.pertronix.com



D190509  
w/o vacuum advance  
DISTRIBUTOR INSTALLATION  
INSTRUCTIONS FOR:  
FORD-OHC, X-FLOW, TWIN CAM

### GENERAL INFORMATION

1. IMPORTANT: Read all instructions before starting installation.
2. For 12-volt negative ground systems only.
3. New spark plug wires may be required.
4. Solid core spark plug wires **MUST NOT** be used.

### DISTRIBUTOR REMOVAL

1. Crank the engine until the first cylinder in the firing order is at TDC "Top Dead Center" on its compression stroke. The timing indicator should point to TDC or 0.
2. Remove the distributor cap, and make sure that the rotor is pointing towards the contact on the distributor cap for the first cylinder in the firing order.
3. Disconnect the battery negative (-) cable.
4. Disconnect all wires and hoses attached to the distributor.
5. Remove the distributor hold down bolt.
6. Remove the distributor by lifting up on the distributor housing while slightly turning the rotor.
7. Check the distributor gear for signs of excess wear, or potential problems.

### DISTRIBUTOR INSTALLATION

Note: Original hold down clamp must be used with new *Flame-Thrower* distributor. Hold down bracket must be free of paint and corrosion, this will insure that a proper ground is made to the engine block.

1. Remove the *Flame-Thrower* distributor cap.
2. Lubricate the distributor gear and distributor shaft with clean engine oil.
3. Turn the shaft so that when the distributor is placed into the engine, the rotor position matches that of the original distributor. As the distributor drops down, the rotor will turn slightly as it engages with the camshaft gear. Adjust for this rotation by turning the rotor a few degrees prior to the gear engagement. Several attempts may be necessary to achieve the proper rotor position. Note: The distributor flange will be flush with the engine block if the installation is done properly.
4. Place the distributor cap onto the housing.
5. Turn the housing so that the terminal, that represents the first cylinder in the firing order, lines up with the rotor.
6. Install the distributor hold down bolt and tighten completely. Once the ignition timing is adjusted the hold down clamp should be tightened completely.
7. Tighten the cap into place and install the spark plug wires in the proper firing order.