Mallory Unilite® Conversion Kit Chevy V8 - PN 503M

Warning: The Unilite® Electronic Ignition is an extremely reliable unit. Caution must be taken that the wiring is done exactly as shown in the instructions. After the Unilite® Ignition is installed and **before you sart the engine**, re-check the wiring according to the instructions. Mis-wiring will cause the Unilite® Ignition to fail immediately.

Note: If distributor location on engine allows easy access to the distributor, Unilite® Kit can be installed without removing distributor. Otherwise, distributor should be removed to install the Unilite® Kit.

INSTALLATION

- 1. Remove the set aside distributor cap to allow clear access to distributor. Do not remove plug wires from cap. If it is not necessary to remove distributor from engine to install Unilite® Kit, remember rotor location so distributor can be reinstalled in engine with the rotor pointing to the same location as when distributor was removed.
- 2. Remove points, condenser, primary lead wire and rotor from distributor.
- 3. Remove points plate assembly from distributor housing. This can be done without removing Vacuum diaphragm.
- 4. With jpoint plate assembly removed from distributor, disassemble upper point plate from lower stationary base plate by removing spring clip located beneath base plate.

CAUTION: Remove spring clip gently to avoid spring clip distortion.

- 5. To reassemble plate assembly, reverse process in Step 4, using new module adapter plate supplied (Figure 1).
- 6. Reinstall new plate assessibly into distributor housing the same as original point plate. Be sure vacuum diaphragm arm is properly connected to movable plate.
- 7. Install Unilite® module, using the two 6-32 screws supplied.
- 8. Push supplied rubber grommet into hole inside distributor housing. Be sure flat on flante of rubber grommet is on the outside of the distributor housing facing upwared. Push wires from module through rubber grommet.
- 9. Mount connector pins into ploastic terminal pin housing supplied. Be sure wires are shoved into pin housing as shown in Figure 2. Shove pins into pin housing until a definite click is heard. Install rotor-shutter onto cam sleeve. Be sure it is sealed all the way down onto cam sleeve.
- 10. If distributor was removed from engine, install back into engine with the rotor pointing to the same location from which it was originally removed.
- 11. Install new distributor cap onti distributor housing. Holding original distributor cap near new distributor cap, remove plug wires one at a time, installing them into new distributor cap in the same connector sockets as removed from original cap. Be sure to do this one at a time so as to not change the firing order. Remove coil wire from original cap and install into new cap.
- 12. Engine is now ready to start. Using a timing light, adjust initial timing at idle. Vacuum line should be disconnected for this operation. Set timing as recommended by the engine manufacturer.

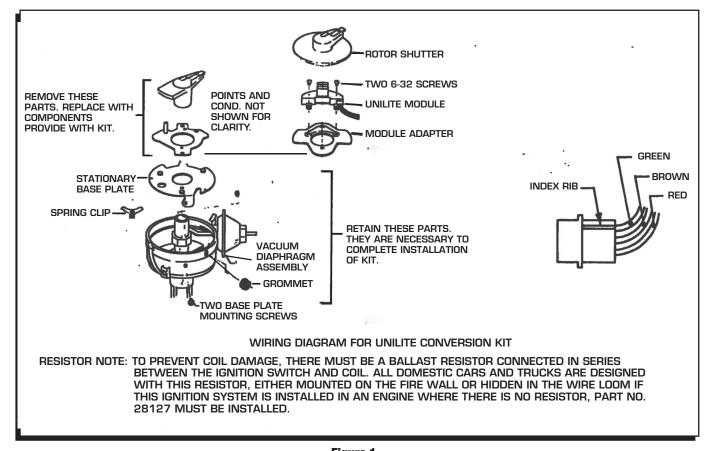


Figure 1

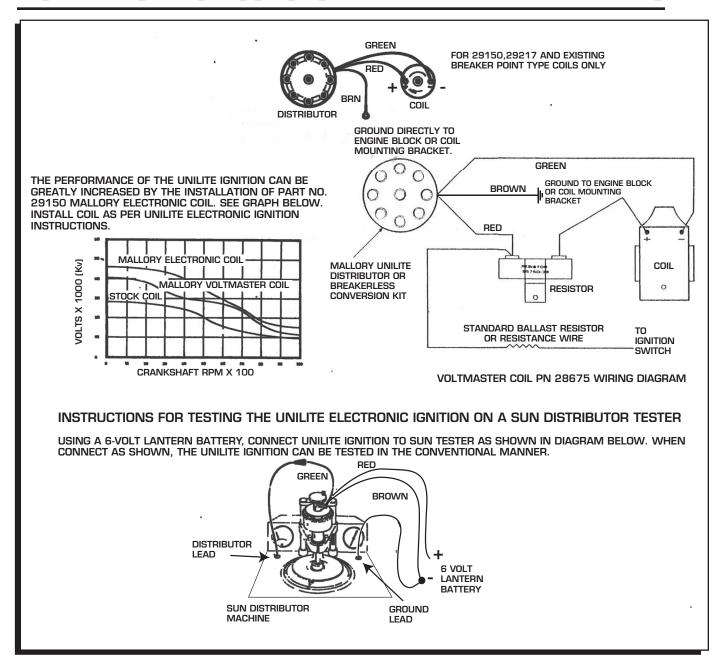


Figure 2

TECH NOTES

Service

In case of malfunction, this MSD component will be repaired free of charge according to the terms of the warranty. When returning MSD components for warranty service, **Proof of Purchase** must be supplied for verification. After the warranty period has expired, repair service is based on a minimum and maximum fee.

All returns must have a Return Material Authorization (RMA) number issued to them before being returned. To obtain an RMA number please contact MSD Customer Service at 1 (888) MSD-7859 or visit our website at www.msdperformance.com/rma to automatically obtain a number and shipping information.

When returning the unit for repair, leave all wires at the length in which you have them installed. Be sure to include a detailed account of any problems experienced, and what components and accessories are installed on the vehicle. The repaired unit will be returned as soon as possible using Ground shipping methods (ground shipping is covered by warranty). For more information, call MSD at (915) 855-7123. MSD technicians are available from 7:00 a.m. to 5:00 p.m. Monday - Friday (mountain time).

Limited Warranty

MSD warrants this product to be free from defects in material and workmanship under its intended normal use*, when properly installed and purchased from an authorized MSD dealer, for a period of one year from the date of the original purchase. This warranty is void for any products purchased through auction websites. If found to be defective as mentioned above, it will be repaired or replaced at the option of MSD. Any item that is covered under this warranty will be returned free of charge using Ground shipping methods.

This shall constitute the sole remedy of the purchaser and the sole liability of MSD. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representation whether expressed or implied, including any implied warranty of merchantability or fitness. In no event shall MSD or its suppliers be liable for special or consequential damages.

*Intended normal use means that this item is being used as was originally intended and for the original application as sold by MSD. Any modifications to this item or if it is used on an application other than what MSD markets the product, the warranty will be void. It is the sole responsibility of the customer to determine that this item will work for the application they are intending. MSD will accept no liability for custom applications.