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ID405 Bosch Electronic Distributor

READ BEFORE BEGINNING INSTALLATION

ID405 is designed to be installed onto a negative ground vehicle only.

With a magnetically switched distributor, the ignition timing cannot be set with the traditional static timing method using a test light.

Set initial timing with your original distributor in place.

To set initial timing, put the engine at Top Dead Center (TDC) - #1 cylinder. This is the "P" mark on the crankshaft pulley. Make sure the timing pointer on your engine is really pointing to TDC. It is best to use a TDC gauge to do this. TDC #1 is when the #1 cylinder piston is at the top of the stroke, and the #1 camshaft lobes are pointing to the outside of the engine (intake lobe pointing toward the intake manifold, exhaust lobe to the exhaust manifold).

Make sure the ignition is off. Install the distributor and adjust it so that the ignition rotor is pointing toward the #1 lead on the distributor cap. This will get it timed enough to start. Firing order is 1-3-4-2 in clockwise rotation.

Crimp on the insulated spade terminals and attach to the coil terminals. **THE TERMINALS MUST BE CRIMPED WITH A PROPER CRIMPING TOOL.** Poorly crimped terminals WILL cause erratic performance. Attach the Red wire to the positive side of your coil, Black wire to negative side of coil. **MAKE SURE THIS IS DONE CORRECTLY. ATTACHING WIRES IN REVERSE WILL DESTROY THE PICKUP.**

Start the car. It may be necessary to advance the distributor slightly (by rotating the distributor counter-clockwise) if the engine does not start immediately, or runs very retarded and will not "rev" properly.

Once running, adjust the ignition with timing light. Adjust timing so that maximum ignition advance is 35 degrees. Listen for pinging when driving and, if necessary, retard the ignition to prevent pinging or detonation. Detonation will burn holes in head gaskets and melt pistons! Let the idle fall where it may. This might be a good time to buy timing light with an adjustable timing gauge on it. Sears makes a nice light at a reasonable price.

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