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Manufacturer of Lightweight Electrical Systems

INSTALLATION INSTRUCTIONS FOR VAC-2

OVERALL LENGTH OF THE CASTING

VAC-2/4 for 4 Cylinder Engines 2.1", protrudes from accessory case 1.3"

VAC-2/6 for 6 Cylinder Engines 2.47", protrudes from accessory case 1.2"

1. Remove existing vacuum pump pad adaptor, or cover plate.
2. Clean mounting surfaces, be sure that all traces of the old gasket are removed from all mating surfaces!!!
3. The four (4) mounting studs should protrude approximately 2 1/4" from the accessory case.
4. Prepare hose for installation. The hose will run from the 90° fitting on the bottom of VAC-2 adaptor to the top port on the ball valve. Install hose on the 90° fitting on VAC-2 adaptor.
5. Oil outside of female spline, gear. Be sure that washer (Part #71596) is installed properly. Check parts manual for proper assembly.
6. Install oiled gear inside VAC-2 adaptor, with washer between casting and the gear.
7. Install special gasket over the studs with the "U" cutout towards the bottom. **THIS IS VERY IMPORTANT!!!**
8. Install VAC-2 adaptor and inverted oil pickup line. Tighten oil line fitting.
9. Slide VAC-2 adaptor over the 4 studs.
BE SURE THAT THE 90° FITTING IS AT THE 7 O'CLOCK POSITION.
10. Check overhaul manual to be sure that the end play on the gear/female spline is within specified limits.
11. Install standard gasket and alternator with proper washers and nuts.
12. The hose from the breather fitting on the top left side of the accessory case will now run directly to the top port of the oil separator.

If the VAC-2 is used with a wet vacuum pump, the small hole in the bottom R.H. corner needs to be drilled through with a #28 or 9/64" drill bit.