



Original factory support brackets for the bottom of the alternator support arms were a small piece of angle iron that was secured under one of the lower 5/16" coarse threaded water jacket side plate retaining bolts. MMI Alternator Support Arm Brackets extend over the original retaining bolt as well as a second retaining bolt directly above the original bolts for a more secure mounting.

- 1) Drain enough water or coolant from the engine block to lower the liquid level in the block below the lower four water jacket retaining bolts.
- 2) Remove the retaining bolt between the bottom of the alternator support arm and the original alternator support arm bracket. Then remove the alternator belt and swing the alternator up out of the way for better access to the water jacket side plate.
- 3) Remove the original support arm bracket and also the water jacket retaining bolt directly above the original bracket.
- 4) Install the two stainless Allen-headed studs that come with the kit through the side plate and into the threads in the block. Use a good sealer on the threads which install into the block. If the threads appear to be compromised by corrosion, use JB Weld to secure the threads. Otherwise, Permatex Aviation Brand sealer is recommended.
- 5) Apply a generous amount of sealer to the outside threads of the studs and also on the face of the side plate immediately around the studs. Then install the new MMI Alternator Support Arm Bracket over the studs. Use the two brass flat washers and nuts to secure the bracket. Apply sealer between the side plate and the brass flat washers. **NOTE:** If the hose between the water pump and the "T" fitting in the center of the water jacket side plate is quite stiff, it may be necessary to remove the hose at the "T" fitting and pull it away from the block far enough to slip the new bracket over the studs.
- 6) Tighten both nuts on the new support arm bracket but use caution to not over-tighten. It is seldom necessary to use more than your wrist to tighten water jacket side plate retaining bolts.
- 7) Refill the cooling system and check for leaks.
- 8) Re-secure the alternator and tighten the alternator belt to the degree necessary to prevent slippage.

