

## LS1 to 4.6 Motor Mount Adapter Plates

For demonstration purposes this install was done without the AC compressor and exhaust manifolds in place. Before beginning unbolt the oil dipstick tube from the cylinder head and turn to the side



Place the plate against the factory mounting location with the arm of the plate facing the back of the engine as shown above. Using the M10-20mm long bolts and lock washers thread the bolts in by hand into the center two holes. Do not tighten yet.



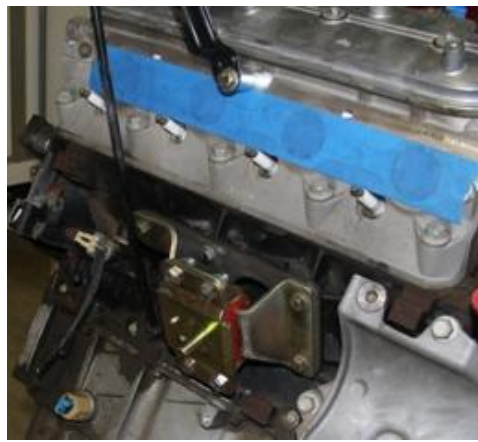
Using the M10-25mm bolts and lock washers align the front 2 bolt holes with the 4.6 motor mount and the adapter plate and thread into the block. Do not tighten these all the way.



Use a supplied M10-25mm hex bolt and flat washer to go through the arm of the 4.6 motor mount and the adapter plate and secure with a nylock nut and tighten.



Place the provided 7/8" spacer between the dipstick tube bracket and the cylinder head and put the M10-35mm bolt and washer through the bracket and spacer and tighten. Note: it is possible to bend the dipstick tube and bracket to clear the motor mount if clearances are tighten.



Go back and tighten the 4 main motor mount/adapter plate bolts. Repeat steps on other side of engine.