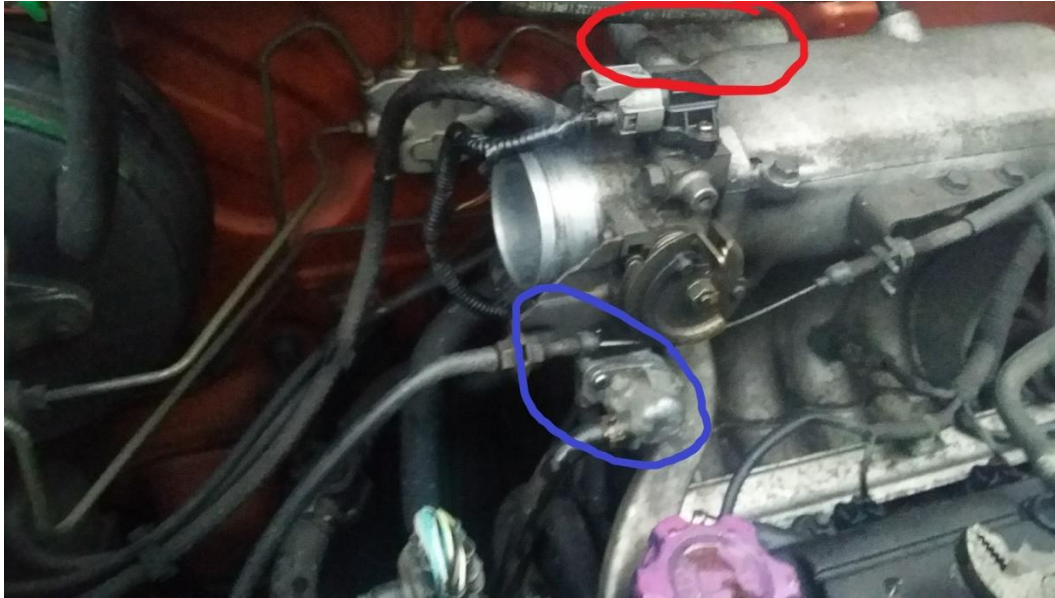


# HONDA S-MX IDLE CONTROL VALVE CLEANING



If your SMX has hunting idle, low idle or fast idle you need to clean out the Idle Control Valve (In Blue) and the Fast Idle Valve (In Blue)



The Rear Idle control valve is held in with 2 bolts on the back of the intake manifold (Red), and there is an electrical connector to unplug. Here is an example of one that's DIRRRTY! Clean this carb cleaner to de-coke/clean. Refit when its dry



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The Fast Idle control is located on the bottom of the Throttle body (Blue). It is held on with 3 bolts and has a water pipe connected. When removing you will spill a small amount of coolant, plug the pipe with a spare bolt.

Here is an example of a DIIIIIRRRRTY valve, looks like someone's used normal water on this car. To clean you can remove both ends (they can be hard to undo, I suggest its put in a vice and initially undone with some grips as the Philips heads won't take much to mash up. Looking



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You can also undo the internals to clean them using a screw driver.



Once all cleaned and dry simply refit. I suggest you disconnect the battery for 15 minutes so the ECU resets any learned idle values. Restart the car, do not touch any throttle for about 20 minutes, this allows the ECU to re-learn the idle