


IMPORTANT SERVICE INFORMATION BULLETIN

DATE	NUMBER
8-17-60	13
GROUP	
FUEL 	
SUBJECT	
LURCHING AT IDLE-SONORAMIC ENGINE	

CONCERNS: PLYMOUTH DE SOTO VALIANT

It is essential that the anti-stall unit be properly adjusted on Sonoramic engines. Improper adjustment can cause erratic engine idle speed which may result in a lurching condition while a car is idling in gear.

Should you encounter engine surge at idle, an engine tune-up, throttle linkage adjustment, accurate carburetor adjustment and balance should be performed. Exhaust manifold heat control valves should be examined for proper operation and for the correct five coil manifold heat control valve spring. In addition, the anti-stall unit should be adjusted as follows:

PIN 217893

1. Set the normal curb idle to the prescribed 725-750 RPM in neutral with the engine warmed up.
2. Adjust all linkage properly.
3. Disconnect vacuum line to anti-stall and tape open end of tube to prevent leakage. This allows anti-stall plunger to extend and speed up the idle.
4. Adjust plunger length so that the engine speed is no higher than 1500 RPM.
5. Connect vacuum line to anti-stall. The plunger should retract and engine speed should drop to normal curb idle speed.

George J. Cutler

GEORGE J. CUTLER
Director of Service
PLYMOUTH-DE SOTO-VALIANT DIVISION

P3699-C

THIS BULLETIN IS SUPPLIED AS TECHNICAL INFORMATION ONLY AND IS NOT AN AUTHORIZATION FOR REPAIRS.