



SERVICE BULLETIN

SUBJECT: THROTTLE AND THROTTLE SWITCH B20E, F up to & B30E, F incl. -73	PRODUCT CARS
	GROUP 27
DATE: March 1974	NO. 10

REPLACES EARLIER BULLETIN, GROUP 27 NO. 10 DATED JAN. 1974

This bulletin concerns throttle switch 243366, which has a black cover and four visible screws and washers. The newer type throttle switch is shiny and has no screws.

New instructions for checking and adjusting the throttle and the throttle switch have been developed in order to accomplish more accurate adjustments resulting in better running.

Checking throttle

Remove the air cleaner hose at the intake manifold (the air cleaner on B30).
Check that the throttle opens fully when the throttle pedal is depressed.
Adjust if necessary.
Re-install the hose (the air cleaner).

Adjusting throttle

Remove the hose (the air cleaner on B30).
Loosen the lock nut for the throttle stop screw.
Screw out the stop screw so it does not touch the boss on the throttle shaft.
Check that the throttle plate is fully close. If not, loosen the plate and center it. Tighten the screws.
Screw in the stop screw again until it touches the boss.
Screw in another half turn for B20, one turn for B30.
Tighten the lock nut.
Re-install the hose (air cleaner).

Checking the throttle switch alignment

Regarding the new type throttle switch, see Service Bulletin Group 27, No. 8.

Connect a voltmeter to ground and the throttle switch terminal 17.
Switch on the ignition.
The voltmeter should read 0 volt.
Place a feeler gauge 0.45 mm = 0.018" between the boss and the stop screw. The voltmeter should read. Remove the feeler gauge and try a feeler gauge 0.35 mm = 0.014". The voltmeter should not read. If necessary, adjust (see below).

Remove the voltmeter. Turn the throttle slowly to full throttle opening. Count approx. 20 clicks during the opening. Switch off the ignition.

Adjusting the throttle switch

Adjusting the new type throttle switch, see Service Bulletin Group 27, No. 8.

Connect a voltmeter to ground and the throttle switch terminal 17.

Switch on the ignition.

Loosen the throttle switch retaining screws slightly.

Turn the throttle switch counter-clockwise towards the stop.

The voltmeter should read 0 volt.

Place a feeler gauge 0.40 mm = 0.016" between the boss and the stop screw. Turn the throttle switch slowly until the voltmeter reads. Tighten the throttle switch.

Remove the feeler gauge.

The voltmeter should read 0 volt.

Switch off the ignition.

Disconnect the voltmeter.