

 	TRANSLATION OPEL TEST PROCEDURE
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GTP-No. R-6M1-02

TITLE Determination of Throttle Closing Time according to FMVSS 124

ORIGINAL EDITION DATE 1-10-73

Translated by Heinz Schulte DATE 10-5-1977

Revision List			Ⓡ revised
			ⓐ added
Date	Page (s)	DESCRIPTION	

In critical cases the German Edition is obligatory

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PURPOSE: For security reasons a minimum closing period of 0.5 s is demanded in MVSS. The procedure is described in the following.

EQUIPMENT:

1. Test vehicle
2. Motion pickup: accelerator:
Hottinger W 100; Hottinger amplifier KWS T5
3. Motion pickup: throttle valve
Hottinger W 50; Hottinger amplifier KWS T5
4. Light beam oscillograph

Procedure:

The time development of the gas pedal and throttle valve movement is recorded by one motion pickup at gas pedal and throttle valve each over 2 bridge amplifiers through a light beam oscillograph with gaged time.

Process of measurement:

1. The accelerator is pressed down to the stop.
2. The paper feeding is switched on with suitable paper speed (approx. 10 cm/s).
3. By lateral withdrawing of the foot the accelerator returns abruptly to its starting position. The throttle valve follows with the unknown time delay. The time between withdrawing from the gas pedal (x) and closing of the throttle valve (y) is called throttle valve closing time.