



Group 24

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Woodcliff Lake, NJ

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Automatic Transmission

Product Engineering

SUBJECT: Technical Data Fiche error; A4S 310R (THM-R1) Pressure Specifications

MODELS: E34 and E36 with A4S 31 OR automatic transmission and M50B25 engine

Situation: The Technical Data No. 7 fiche dated 12/91 contains incorrect automatic transmission oil pressure values for the above mentioned models.

Solution: When [checking automatic transmission oil pressures](#) on these models, refer to the chart below for the correct values.

NOTE:

All pressure readings on the A4S 310R are taken with the wheels stopped; apply both the Foot brake and Parking brake fully.

As two of the pressure readings are taken at Stall Speed, no personnel may be in front of or behind the vehicle while testing.

**AUTOMATIC TRANSMISSION PRESSURE SPECIFICATIONS
A4S 310R / M50B25 APPLICATIONS**

MODE	LEVER POSITION	ENGINE SPEED	bar	MAIN PRESSURE PSI
A or M	DRIVE D	STALL SPEED	10.13 - 10.93	147 - 158
A or M	REVERSE R	STALL SPEED	12.38 - 13.37	180 - 194
MANUAL M	DRIVE D	IDLE (700 RPM)	3.15 - 3.57	45 - 52
A or M	REVERSE R	IDLE (700 RPM)	3.90 - 4.41	57- 64