

	SURFACE VEHICLE RECOMMENDED PRACTICE		J614 JUN2011
		Issued	1957-05
		Stabilized	2011-06
		Superseding J614 JUN1995	
Engine and Transmission Dipstick Marking			

RATIONALE

The technical report covers technology, products, or processes which are mature and not likely to change in the foreseeable future.

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Foreword—This reaffirmed document has been changed only to reflect the new SAE Technical Standards Board format.

1. **Scope**—This SAE Recommended Practice provides information useful in the marking of engine and transmission dipsticks used for fluid level indication.
2. **References**—There are no referenced publications specified herein.
3. **General Requirements**
 - 3.1 Lettering should be raised or depressed characters of the simple block type. 3 mm (1/8 in) high minimum, but 5 mm (3/16 in) or higher is preferred. Depressed lettering may be filled with pigmented enamel to improve legibility.
 - 3.2 Space permitting, lettering should not be positioned between FULL and first ADD lines.
 - 3.3 The lower portion of the dipstick, below the FULL mark should be knurled, perforated, or coated to improve visibility of wetted level. Perforations of 2.29 mm (0.090 in) are ideal in a dipstick wide enough not to be seriously weakened by them. Level marks should not be stamped across the perforations. ADD lines and quantity required in quarts, pints, or liters may be included on the lower portion if the manufacturer so desires.
 - 3.4 Additional information for checking procedure or identification may be added to the dipstick above the FULL mark or on an attached tag at the manufacturer's discretion. Detailed checking procedure should be described and illustrated in the owner's or service manual.
 - 3.5 Locating dipsticks and filler spouts to make them accessible from the curb side of the vehicle, away from traffic is desirable. They should, however, be readily accessible regardless of that consideration and preferably both accessible from one position. See Figure 1.