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S. A. E. Hears Merits of Aluminum Parts

INDIANAPOLIS, Dec. 27—The use of aluminum is rapidly spreading throughout the automotive field. Fitting aluminum connecting rods directly to a steel crankshaft without intervening bearing metal; forged aluminum crankshafts and flywheels; aluminum disk wheels for passenger cars and trucks; all aluminum engines, and plating aluminum pistons with pure iron are among some of the interesting things under development by the industry, as outlined in a talk given by R. E. Carpenter of the Aluminum Castings Co. of America to the S. A. E. Indiana Section.

In the discussion, Louis Chevrolet, who has been a strong exponent of aluminum alloys, gave a short talk on the success he has had with them and F. E. Moskovics, vice-president of Nordyke & Marmon Co., intimated that the future engine for passenger car work might be an aluminum affair of the fixed radial type with an overall width of less than 6 in. He stated that at least two makers were now experimenting with such an engine.
