

HUDSON MOTOR CAR COMPANY  
DETROIT, MICH., U. S. A.

CABLE ADDRESS  
HUDSON CAR

TECHNICAL SERVICE BULLETIN

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ALL HUDSON OWNERS, 1948-54

CYLINDER HEAD TEMPERATURE INDICATOR ELEMENTS

When installing a 1951-54 type engine, 6 cyl., or an 8 cyl. head or engine in a 1948-50 car, the cylinder head must be modified to accommodate the car's original equipment type temperature indicator element.

Redesigned gauges were used starting with the 1951 models, which operate on a constant potential of 5 volts and require a different cylinder head element from that used on previous models. The newer element is 1/4" pipe thread diameter and is shorter than the 3/8" pipe part used on the earlier models, which necessitates drilling and tapping the now cylinder head. If the proper cylinder head element is not used, incorrect gauge readings will result.

To install the original element in the now cylinder head, the hole in the left side of the head must be enlarged from 1/4" pipe diameter to 3/8" pipe size by drilling out the opening with a 37/64" drill and retapping with a 3/8" pipe tap. On six cylinder engines the location of this element is changed from the front of the head to the rear, which will require shortening the wire slightly to correspond.

Very truly yours,

A. E. ADAMS,  
Technical Service Editor