

**Bulletin 7/11/55/22 -
1955 V-8 Hard Starting**

PASSENGER CAR AND ACCESSORY SECTION

Hard Starting-- 1955 Hudson Hornet V-8

The following excerpt appeared in the June 1955 Hudson "Service Merchandiser" Vol. 1 No. 3:

Effective with Engine No, P10050 a new dust cover (Carter Part No, 118-1120) incorporating an atmospheric vent valve was placed in production.

On all Hudson Hornet V-8's that come into the shop below the above serial number, install the new Dust Cover Unitized Package. Part No. 3119115, furnished by your Zone or Distributor.

The installation of this unit will be a great aid in eliminating hard starting with the engine hot

Upon closing the throttle, the valve is automatically opened venting atmospheric pressure "in" to the float chamber and internal pressure "out", This permits greater differential pressure between the fuel in the float chamber and idle discharge ports, increasing fuel flow out of idle discharge ports at time of cranking engine, Upon throttle opening, the atmospheric vent valve closes, permitting the balance vent tube to control fuel metering.

The carburetor float level has also been revised from 3/16" to 1/4". At time of float adjustment, it is important to inspect for float interference which may exist between the side of float and float bowl chamber. In this instance, a slight pressure may be applied to the float to provide clearance. Interference may also exist between the pin end of the float lever and the side of the Pin mounting boss. This would result in the float binding, Float interference will result in either a flooding or a starving condition and must be corrected.

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**Bulletin 11/30/55/64 -
1956 Hudson General Information**

PASSENGER CAR AND ACCESSORY SECTION

1956 Hudson Models

Styling

The 1956 Hudson models feature new grilles, chrome trim, dashboards, and tail lights. Three-tone color combinations are available.

Engines

Model	Wasp (6-Cyl.)	Hornet (6-Cyl.)	Hornet V-8
Type	In-line	In-Line	V-8 (90°-V)
No. of Cylinders	6	6	8
Arrangement	L-Head	L-Head	Overhead Valve
Bore and Stroke	3" x 4-3/4"	3-13/16" x 4-1/2"	4" x 3-1/2"
Displacement	202 cu. in.	308 cu. in.	352 cu. in.
Compression Ratio	7.5:1 (Opt. 8.0:1)	7.5:1	9.55:1
Max. Brake Horsepower	120 @ 4000 rpm (Opt. 130 @4000)	165 @ 3800 rpm (Opt. 175 @ 4000)	220 @ 4600 rpm
Max. Torque	158@ 4000 rpm (Opt. 168 @ 1800-3000)	264 @1800 rpm (Opt. 175 @ 4000)	320 @ 2200-2500 rpm
Type of Carburetor	Down-draft, single throat	Down-draft, dual throat (Opt. single throat)	Down-draft
No. of Carburetors	One (Opt. two)	One (Opt. two)	Twin-throat - One
No. of Main Bearings	Four	Four	Five

Power Train

	Wasp	Hornet
Transmission Axle Ratios:		
Standard Synchronesh	4.1:1	4.1:1
Automatic Overdrive	4.4:1	4.4:1
Dual-Range Hydra-Matic	3.58:1	3.15:1
Twin Ultramatic (with V-8)		3.15:1
Type of Drive Shaft	Torque Tube	Torque Tube
Type of Rear Axle	Hypoid	Hypoid

The "Dual-Range Hydra-Matic" is manufactured by General Motors. The "Twin-Ultramatic" is made by Packard and purchased as a "package" with the 352 cu. in. engine

All models employ "double-safe single-unit car construction" with body and frame welded together to form a single unit.

**Bulletin 5/22/56/63 -
1956 Hudson Series 80 Distributor Assembly**

PASSENGER CAR AND ACCESSORY SECTION

1956 Hudson Series 80 Distributor Assembly

The following information appeared in the March and April edition of the Hudson "Service Merchandiser":

The dual contact distributors Part Number 6471072, Auto-lite IBK-4001-B, 6-volt type and Part Number 6480362, Auto-lite IBJ-4001-D, 12-volt type are so similar in centrifugal and vacuum ignition advance curves that they could be interchanged without a noticeable effect on vehicle performance.

For this reason, a number of 1956 Series were built with the IBK-4001-B distributors before the later IBJ-4001-D distributors were incorporated at Engine Serial P-25306.

For service testing specifications, consult the 1956 Technical Service Supplement when working with distributor IBJ-4001-D and the 1955 Technical Service Manual when servicing the IBK-4001-B distributor.

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**Bulletin 5/22/56/65 -
1956 V-8 Series Hudson "Hornet", Spark Plug Recommendations**

PASSENGER CAR AND ACCESSORY SECTION

Spark Plug Recommendations
1956 V-8 Series Hudson "Hornet"

The following information appeared in the March and April edition of the Hudson "Service Merchandiser":

"Changes in spark plug heat range and gap settings have been made in the 1956 V-8 Series.

"Prior to Engine Number P-21543, Champion N-8 spark plugs were used. Gap setting was .035"-.037". At Engine Number P-21543, Champion N-18 spark plugs became effective. Gap setting is .033"-.037"

"Champion,N-18 spark plugs will be supplied for service replacement in all 1956 'Hornet' V-8 Series engines,

"Please note the above in the V-8 Series Engine Section and Electrical Section of your copies of the 1956 Technical Service Manual Supplements".

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**Bulletin 10/30/56/108 -
1957 Hudson Information**

PASSENGER CAR AND ACCESSORY SECTION

1957 Hudson

Models Available - Hudson has dropped the Wasp series but will continue to offer the Hornet series. Models available are the super and custom four-door sedan and the two-door "Hollywood" hardtop.

Body Information - Fourteen inch wheels and chassis refinements have resulted in a two inch decrease in height.

Engine Information - The six cylinder engine is not offered in the 1957 models. Power and torque have been increased in the American Motors V-8 engine through increased displacement and compression ratio.

Brief engine specifications are as follows:

Engine Type - No. Cyl.	V-8	Compression Ratio	9.0
Bore (in.)	4.0	Horsepower	255 @ 4700
Stroke (in.)	3.25	Torque (ft. lbs.)	345 @ 2600
Displacement (cu. in.)	327	Carburetion	4-barrel

The Delco-Remy 1110887 distributor is used. Basic setting is 5° BTC.

The Auto-lite AL-7J or Champion H-10-64D spark plugs are used as standard equipment.

Premium fuel is recommended.

1955-1957 Production Summary

Production Summary

1955 Hudson Series 5500

Model	Body Style	Total
Wasp "6" (202 CID)	45-35545 - 4-Dr. Sedan	5551
	47-35547 - 2-Dr. Hollywood	<u>1640</u>
	Total Wasp	7191
Hornet Special "6" (308 CID)	65-35565 - 4-Dr. Sedan	5357
	67-35567 - 2-Dr. Hollywood	<u>1554</u>
	Total Hornet '6'	6911
Hornet "V-8" (320 CID Packard)	85-35585 - 4-Dr. Sedan	4449
	87-35585 - 2-Dr. Hollywood	<u>1770</u>
	Total Hornet 'V-8'	6219
Total 1955 Hudson Production		20,321

Distribution of 1955 Hudson models Destination

Model	Destination	No. of Cars
Wasp	Domestic	6821
	Export	367
	Canada	<u>3</u>
	Total	7191
Hornet "6"	Domestic	6474
	Export	390
	Canada	<u>47</u>
	Total	6911
Hornet "V-8"	Domestic	6150
	Export	35
	Canada	<u>34</u>
	Total	6219
Total 1955 Production		20,355

1955-1957 Production Summary

Production Summary 1956 Hudson Series 5600

Model	Body Style	Total
Wasp "6" (202 CID)	5645-35645 - 4-Dr. Sedan (Only Sedans in 1956)	2519
Hornet Special "V-8" (250 CID AMC V-8)	3665-35655 - 4-Dr. Sedan	1528
	5655-35657 - 2-Dr. Hollywood	<u>229</u>
	Total Hornet Special 8	1757
Hornet "6" (308 CID)	5665-35665 - 4-Dr. Sedan	3022
	5665-35687 - 2-Dr. Hollywood	<u>358</u>
	Total Hornet 6	3380
Hornet "V-8" (352 CID Packard)	5685-35685 - 4-Dr. Sedan	1962
	5687-35687 - 2-Dr. Hollywood	<u>1053</u>
	Total Hornet "V-8"	3015
Total 1956 Hudson Production		10,671

Distribution of 1956 Hudson models Destination

Model	Destination	No. of Cars	Model	Destination	No. of Cars
Wasp	Domestic	2399	Hornet Special "V-8"	Domestic	1744
	Export	<u>52</u>		Export	2
	Canada	68		Canada	<u>11</u>
	Total	2519		Total	1757
Hornet "6"	Domestic	2969	Hornet "V-8"	Domestic	2923
	Export	349		Export	43
	Canada	<u>62</u>		Canada	<u>49</u>
	Total	3380		Total	3015
Total All Models -					10,671

1955-1957 Production Summary

Production Summary

1957 Hudson Series 5700

Model	Body Style	Total
Hornet "V-8" (327 CID AMC)	35785-1 - 4-Dr. Sedan (Super)	1103
	35785-2 - 4-Dr. Sedan (Custom)	<u>2256</u>
Hornet "V-8" (327 CID AMC)	Total Sedan Production	3359
	35787-1 - 2-Dr. Hollywood (Super)	266
	35787-2 - 2-Dr. Hollywood (Custom)	<u>483</u>
	Total Hollywood Production	749
	Total 1957 Production	Super - 1369 Custom - 2739

Distribution of 1957 Hudson models Destination

Model	Shipment Method	No. of Cars
Hudson Hornet (all)	Rail	415
	Truck	2792
	Owner Drive Away	23
	Dealer Drive Away	640
	Boat	6
	KD (Knock-down for unassembled export)	<u>232</u>
	Total 1957 Shipment	4108