

**GENERAL PARTS POLICIES  
and INFORMATION BULLETINS**

**1939 Bulletin Series**

# I N D E X

No. 4-A - Revisions to 1939 Preliminary Parts Book, New Type  
Differential on Hudson 112

No. 5 - Service Tappets 1934 thru 1939, Water Pump Service Kits  
1936-1937-1938, 1937-1938 Roof Panels

No. 7 - New Type Brake Linings Models 95 and 97, 1939 Service  
Transmission Assy.,

No. 12 - New Piston Rings, 1937 Hudson Radiator Ornament Crest,  
Color Identification Symbol Stamped on New Cars

HUDSON MOTOR CAR COMPANY, DETROIT, MICHIGAN

# GENERAL PARTS POLICIES AND INFORMATION

1939 BULLETIN SERIES

4-A

Number

11/7/38

Date

SUBJECT

The 1939 Preliminary Group Parts Book does not include some of the changes which took place after the book went to press. This series of bulletins is designed to give you those changes.

If you have not received your copy of the 1939 Preliminary Group Parts Book, please keep this bulletin and file it in the book, or make a suitable reference in the groups affected.

-----

A new type differential is now being used on the Hudson 112. This new differential uses the drive gear with eight holes, also new pinion bearings, the same as used on the Hudson Six and Country Club models. This change became effective on 4-1/9 to 1 ratio axles with car No. 902545, exceptions 902801 to 902827 inclusive and on 4-5/9 to 1 axles with car No. 901356, no exceptions.

Groups and part numbers affected are as follows:

### BI- REAR AXLE ASSEMBLY AND HOUSING

<u>NEW PART NO.</u>	<u>OLD PART NO.</u>
C 157610	C 156742 Rear axle assembly - 4-1/9 to 1 - L.H.D.) 112 exc. Cab-Cab Pu.
C 157611	C 156743 Rear axle assembly - 4-1/9 to 1 - R.H.D.) Panel-Station
C 157612	C 157250 Rear axle assembly - 4-1/9 to 1 - L.H.D.) 112 Cab-Cab Pu.
C 157613	C 157251 Rear axle assembly - 4-1/9 to 1 - R.H.D.) Panel-Station
C 157614	C 156744 Rear axle assembly - 4-5/9 to 1 - L.H.D.) 112 exc. Cab-Cab Pu.
C 157615	C 156745 Rear axle assembly - 4-5/9 to 1 - R.H.D.) Panel-Station
C 157616	C 157252 Rear axle assembly - 4-5/9 to 1- L.H.D.) 112 Cab-Cab-pu.
C 157617	C 157253 Rear axle assembly-4-5/9 to 1-R.H.D.) Panel-Station

### B2- DIFFERENTIAL CARRIER

0 152655	Diff. carrier and gear set assembly-4-1/9-	112
C 152662	Diff. carrier and gear set assembly-4-5/9-	112
BX 44580	Diff. carrier and cab assembly	112

(OVER)

B3 - DRIVE GEAR AND PINION

<u>NEW PART NO.</u>	<u>OLD PART NO.</u>		
BX 157529	F 44539	Drive gear and pinion - matched - 4-1/9	112
BX 157533	F 44540	Drive gear and pinion - matched - 4-5/9	112
BX 157530	BX 42256	Drive gear - 4-1/9	112
BX 157534	BX 44542	Drive gear - 4-5/9	112
BX 157531	BX 44542	Drive pinion - 4-1/9	112
BX 157535	BX 44543	Drive pinion - 4-5/9	112
RZ 157540	BZ 71178	Drive gear bolt	112
	BX 40157	Drive gear bolt lock (discontinued)	112
BX 70867		Drive gear bolt lock washer	112
BX 170248	BX71261	Drive pinion nut	112
BX 71055	BX71051	Drive pinion washer	112

B4 - DIFFERENTIAL PARTS

BX 157548	BX 150072	Diff. case and stud assembly	112
BX 157553	BX 40191	Diff. pinion shaft	112
BX 170215	BX 71110	Diff. bearing assembly	112
BX 170216	BX 71711	Diff. bearing cone	112
BX 170217	BX 71283	Diff. bearing cup	112

B5- PINION HOUSING GROUP

BX 170233	BX 71181	Pinion bearing assembly - front	112
BX 170234	BX 71182	Pinion bearing cone - front	112
BX 170235	BX 71192	Pinion bearing cup - front	112
BX 170218	BX 71181	Pinion bearing assembly - rear	112
BX 170019	BX 71181	Pinion bearing cone-rear	112
BX 170220	BX 71192	Pinion bearing cup - rear	112
BX 157557	BX 40212	Pinion rear bearing shim - thin	112
BX 157558	BX 41099	Pinion rear bearing shim - medium	112
BX 157559	BX 40213	Pinion rear bearing shim - thick	112
BX 157560	BX 40192	Pinion rear bearing shim retainer	112
BX 157561	BX 44585	Pinion bearing spacer	112
	BX 44590	Pinion housing oil baffle (discontinued)	112

P. E. Jones,  
Supervisor,  
Parts Specification Division,  
Service Department.

HUDSON MOTOR CAR COMPANY, DETROIT, MICHIGAN

# GENERAL PARTS POLICIES AND INFORMATION

5

Number

11-10-38

Date

1939 BULLETIN SERIES

SUBJECT

TO ALL MASTER DEALERS:

SERVICE  
TAPPETS  
FOR 1934  
THROUGH  
1939

In servicing tappets on Hudson and Terraplane cars from 1935 to the present, the 1939 tappet (BM 152646) which has a radius, should be used to replace all 2" and 3" tappets on 1935-36-37-38 cars. The 1-1/2" tappet (BM 45443) should be used only on 1934 models, on which it was original equipment.

Summary of service requirements follows

BM 45443 VALVE TAPPET 1934 Hudson and Terraplane  
BM 152646 VALVE TAPPET 1935 thru 1939 all models

This information supersedes and cancels all previous information on the subject.

-----

WATER PUMP  
REPAIR KITS  
FOR 1936-  
1937-1938

The Water Pump Repair Kits F 3-58323 and F 158324 recently released for 1939 cars, have proven to be very popular items, and we are receiving requests for similar kits for previous car models.

You will be interested to know that these 1939 kits are suitable for corresponding 1936-37-38 cars; and in using them for these models you get the advantage of the now type seal which is an improvement over the original seal.

F 158323 WATER PUMP REPAIR KIT - For all 1936-37-38-39 cars  
except models 63, 73, 83 and 1939 Country Club Six.

F 158324 WATER PUMP REPAIR KIT - For models 63, 73, 83, and  
1939 Country Club Six

-----

1937-38  
ROOF PANELS

The Parts Department has a limited supply of 1937 and 1938 roof panels in which the door headers are assembled and will be shipped without extra cost.

The door headers are different for Brougham, Sedan and Utility Coach, although the roof Panels are identical. Therefore, in ordering roof panels for these 1937 and 1938 cars, please specify the body model.

-----

P. E. Jones,  
Supervisor,  
Parts Specification Division,  
Service Department

(THIS BULLETIN AS WRITTEN IS BEING MAILED TO DEALERS AS  
BULLETIN NO. 2)

HUDSON MOTOR CAR COMPANY, DETROIT, MICHIGAN

7

Number

12-12-38

Date

# GENERAL PARTS POLICIES AND INFORMATION 1939 BULLETIN SERIES

SUBJECT TO ALL MASTER DEALERS:

NEW TYPE  
BRAKE  
LINING ON  
MODELS  
95 AND 97

A new type brake lining is now being used for the primary shoes on models 95 and 97.

This changes the braking characteristics to such an extent that first and second type brakes are not interchangeable except in complete sets (four wheels). This change became effective in production as follows -

For models 95-97 L.H.D. - New brakes effective with L.H.D). car No. 3898 (exceptions 4001 to 4251 for 4-1/9 to 1 ratio; and with Car No. 3992 (exceptions 4001 to 4251 for to 4-5/9 to 1 ratio.

Old brakes again used on 95-97 L.H.D. starting with car No. 12982 (exceptions 13001 to 14225) for 4-1/9 to 1 ratio and with car No. 12173 (exceptions 13001 to 15317) for 4-5/9 ratio.

New brakes again used on 95-97 L.H.D. starting with car No. 12912 (exceptions 13001 to 14175) for 4-1/9 to 1 ratio; and with car No. 14883 (exceptions 16501 to 16860) for 4-5/9 to 1 ratio.

For models 95-97 R.H.D. - New brakes effective with R.H.D. car No. 14820 (exceptions 18001 to 18236)for 4-1/9 to 1 ratio; and with first production of 95-97 R. H. D.with 4-5/9 -to 1. ratio.

Part numbers affected are as follows

BX 158824 Brake shoes and lining assy. . . . . (Supersedes 150997)

F 158827 Lining and rivets - package . . . . . (Supersedes 151011)

1939  
SERVICE  
TRANS-  
MISSION  
ASSEMBLY

For 1939 the conditions which affect parts required in various transmission assemblies have increased by the introduction of Handy Shift, and the use of 16 x 5.50 tires as optional equipment on 112 Utility Coach and Utility Coupe.

The transmission proper is the same in every case, and the difference in the assemblies involves only speedometer gears and interlock arrangement. A separate transmission assembly for each model, ratio and tire size would require some twenty part numbers.

Therefore in order that you may stock one transmission, which by minor alterations may be suitable-for any 1939 car, we have issued only one part number - C 158644 - which is shown on page 28 of the Preliminary 1939 Group Parts Book.

This assembly is suitable for use without change on Hudson Six and Country Club Series with 4-1/9 to 1 axle ratio, and either Handy Shift or Electric Hand.

(OVER)

1939  
SERVICE  
TRANSMIS-  
SION  
ASSEMBLY  
Cont'd

Listed below are changes to adapt the assembly for use in cars as noted -

1. For Hudson 112 with Handy Shift or Electric Hand.  
Remove lock rod link guide, etc., from low and reverse side.  
Remove 48673 lock ball spring cap (low and reverse), Replace with 38993 cap.  
Remove 48674 lock ball spring plunger (low and reverse).  
Add 157573 lock ball spring spacer (low and reverse)
  
  2. For Hudson 112 with conventional control.  
Remove lock rod link guide, etc., from low and reverse side.  
Remove 41151 lock ball spring (low and reverse). Replace with 41236 spring  
Remove 48673 lock ball spring cap (low and reverse),  
Replace with 38993 cap. Remove 48674 lock ball spring plunger (low and reverse).  
Remove 41151 lock ball spring, (second and high). Replace with 47641 spring.
  
  3. For 4-5/9 to 1 axle ratio, or for Hudson 112 with 16 x 5.50 tires, replace speedometer gear  
and pinion with suitable parts as shown in group K8 of the Parts Book.
- 

P. E. Jones,  
Supervisor,  
Parts Specification Division,  
Service Department

(THIS BULLETIN AS WRITTEN IS BEING MAILED TO DEALERS AS  
BULLETIN NO. 4.)

HUDSON MOTOR CAR COMPANY, DETROIT, MICHIGAN

# GENERAL PARTS POLICIES AND INFORMATION

1939 BULLETIN SERIES

12

Number  
2/1/39

Date

SUBJECT

TO ALL MASTER DEALERS:

A new lower oil ring is now being used on the pistons of the 1939 six cylinder models. This new ring is 5/32" in width instead of 3/16" as formerly.

This change became effective in production with car Nos. 9024626 L.H.D., 9025073 R.H.D., 92249039, 9324896, 9824502.

Part numbers are released for the new rings and for the piston with narrower lower oil ring groove. Old and new type pistons (equipped with proper rings) are interchangeable.

F 158421 PISTON - Supersedes 47097

F 158423 PISTON RING - LOWER OIL - Supersedes 43456

For lower groove only.

The Parts Department is now substituting 158421 piston for 47097 in certain sizes. You should therefore order a supply of the new ring 158423 for stock, in order to be prepared to handle the new piston without delay.

-----

Lately we have had requests for the red catalin ornament which is a part of 121117 Radiator Crest and Mounting Assembly used on the 1937 models 73 through 77.

This red ornament has not hitherto been supplied separately as we felt that it would be extremely difficult to replace it in the mounting.

However, to meet the demand that apparently exists at the present this ornament has been made available as a service replacement item. The part number and price follow:

	LIST PRICE
BO 121161 RADIATOR ORNAMENT CREST	\$1.25
For models 71 through 77	

-----

Please make the following price correction in the 1939 Numerical Parts Price List

C 157929 Change price to ... \$5.00

-----

(OVER)



COLOR  
IDENTIFI-  
CATION  
SYMBOL  
STAMPED  
ON NEW  
CARS

When a car comes into your shop for repairs involving refinish or touch-up work, it is some times rather difficult to definitely identify the body color.

Cards with color chips of the 1939 body lacquers are now available and may be obtained at a price of twenty five cents each from the Dealer Cooperative Company, 1959 East Jefferson Avenue, Detroit, Michigan. These cards aid materially in matching colors for touch-up jobs.

As an additional help in determining the original body color, a letter symbol indicating the color option is now being stamped on the rear of the right front body pillar of all new cars.

This letter symbol may be seen by opening the right front door. It is located about six inches below the car number plate, in the square formed by the four rivets which hold the upper hinge. All cars, beginning with serial No. 26038 are provided with this color identification symbol according to the following code

K	Black	G	Gunmetal Blue
H	Harbor Blue	M	Maroon
N	Navajo Brown	Q	Queen Gray
P	Peacock Blue	B	Bermuda Tan
S	Shadow Green	J	Jewel Green
R	Riviera Tan	RR	Morocco Red
CC	Williamsburg Cream		

---

P. E. Jones  
Supervisor  
Parts Specification Division,  
Service Department

(THIS BULLETIN AS WRITTEN IS BEING MAILED TO DEALERS AS  
BULLETIN NO. 9