

HUDSON SUPER-SIX PARTS LIST



JANUARY
1929

Cars Numbered 825407 and Upward

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

HUDSON SUPER-SIX PARTS LIST

January 1929

IMPORTANT

The use of genuine Hudson parts will insure the satisfactory operation of your car.

There are Hudson-Essex distributors and dealers in all principal cities and towns, who will supply genuine Hudson parts.

For your own protection, insist upon obtaining genuine Hudson parts.

Hudson Motor Car Company
DETROIT, MICHIGAN

Warranty

The factory obligation with respect to replacement of alleged defective parts is fully covered by our warranty as follows:

"We warrant the automobiles manufactured by us to be free from defects in material under normal use and service, our obligation under this warranty being limited to making good any parts or part thereof which shall, within ninety (90) days after delivery of such automobile to the original purchaser, be returned to us with transportation charges prepaid, and which our examination shall disclose to our satisfaction to have been thus defective.

"This warranty is expressly in lieu of all other warranties expressed or implied, and of all other obligations or liabilities on our part, and we neither assume nor authorize any other person to assume for us any other liability in connection with the sale of our automobiles.

"This warranty shall not apply to any Hudson automobile which shall have been repaired or altered outside of our factory in any way so as, in our judgment, to affect its stability or reliability, or which has been subject to misuse, negligence or accident.

"We make no warranty whatsoever in respect to tires, rims, ignition apparatus, tops, upholstery, horns or other signaling devices, batteries, speedometers, or other trade accessories."

HUDSON MOTOR CAR COMPANY

Detroit, Michigan

The factory does not participate in any labor costs incident to the replacement of parts under the warranty. The warranty under which Hudson motor cars are sold will be interpreted by the Distributor or Dealer from whom the car was purchased. If you are touring and require service, be sure to get in touch with your nearest authorized Hudson Distributor or Dealer.

INSTRUCTIONS FOR ORDERING PARTS

- 1—Order parts through the nearest Distributor or Dealer.
- 2—Always give PART NUMBER and NAME of each part ordered.
- 3—Mail and Parcel Post orders should be accompanied by an amount sufficient to cover POST-AGE.
- 4—Specify how shipments are to be made.
- 5—Orders for parts should be written separately from correspondence pertaining to other matters.

TELEGRAPH CODE

To save expense, to expedite ordering and for your convenience, we list below a brief General Code covering miscellaneous instructions, questions and answers relative to the shipment of parts:

- | | |
|--|---|
| <i>Sultex</i> —Ship to me (us) by express. | <i>Sulwire</i> —When and how did you ship parts called for in my (our) telegram of..... |
| <i>Sulcline</i> —Ship by express to..... | |
| <i>Sulgate</i> —Ship to me (us) by freight. | <i>Sultwich</i> —When and how will you ship parts called for in my (our) telegram of..... |
| <i>Sulmost</i> —Ship to me (us) by parcel post. | |
| <i>Sulteen</i> —When and how will you ship parts called for in my (our) letter of..... | |

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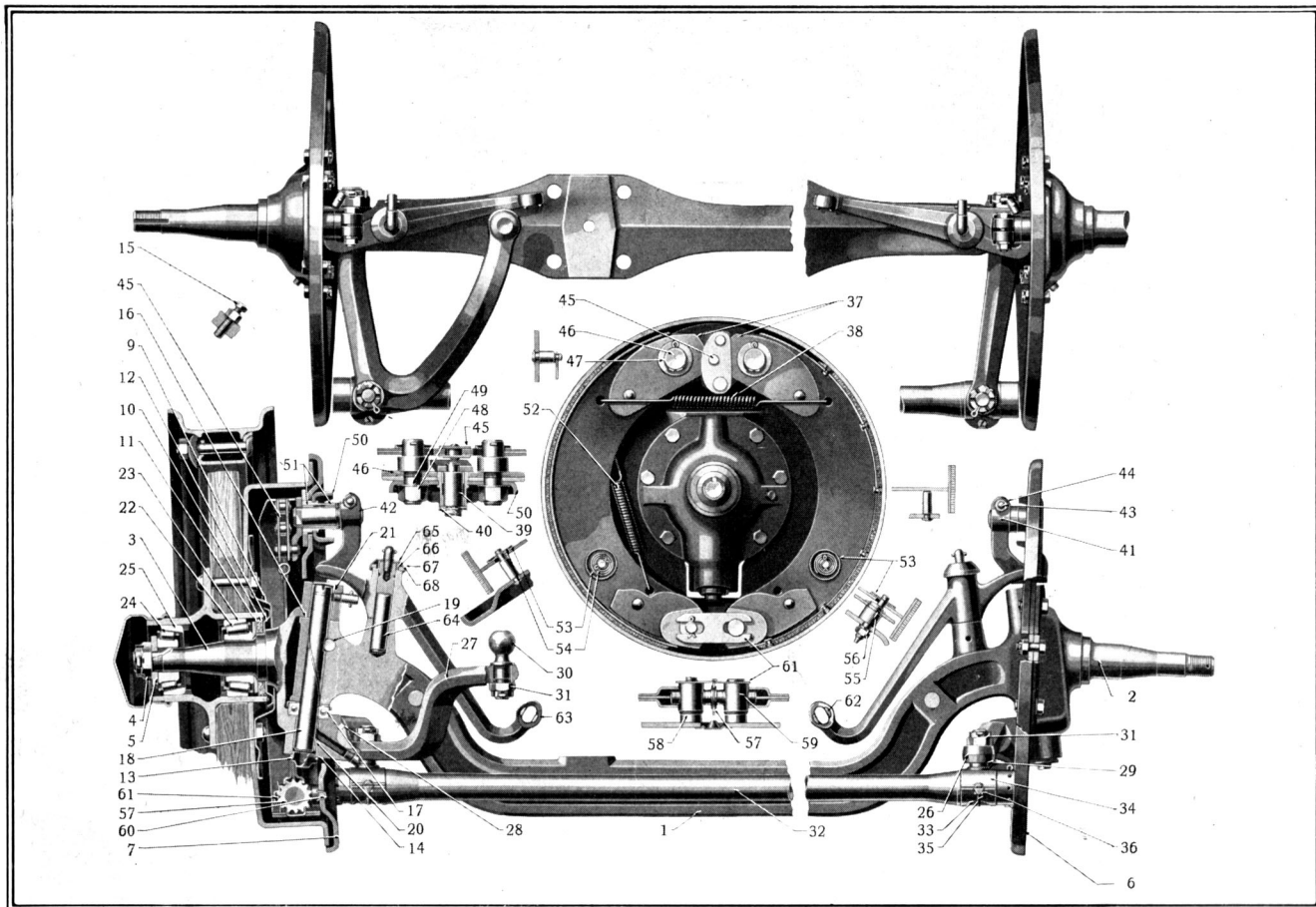
FRONT AXLE

Illus. No.	Part No.	Description	Specifications	No. Req.
	CX 31093	FRONT AXLE ASSEMBLY		1
1	CX 31475	Front axle center assembly		1
2	BX 31096	SPINDLE—R. H.		1
3	BX 31097	SPINDLE—L. H.		1
4	BX 21005	Spindle nut	$\frac{7}{8}$ "-16 special	2
5	BX 27438	Spindle nut washer		2
6	BX 31245	FRONT BRAKE DUST SHIELD ASSEMBLY—R. H.		1
7	BX 31246	FRONT BRAKE DUST SHIELD ASSEMBLY—L. H.		1
	BX 3435	Spindle to backing plate bolt		12
	BZ 124	Spindle to backing plate bolt nut		12
9	BX 29588	Spindle grease deflector		2
10	BX 14897	Spindle dust washer		2
11	BX 22232	Spindle dust washer retainer—outer		2
12	BX 29587	Spindle dust washer retainer—inner		2
13	BX 70101	Spindle oil plug		2
14	BM 18243	Spindle oil plug gasket		2
	BX 70439	Welch plug—over pivot pin		2
15	BX 18341	Spindle set screw	$\frac{3}{8}$ "-16x1 $\frac{1}{2}$ " square head	2
	BM 110	Spindle set screw nut	$\frac{3}{8}$ "-16x $\frac{3}{8}$ "	2
16	BX 28966	Spindle shim—thick		2
16	BX 28967	Spindle shim—thin		2
17	BX 70110	Spindle pivot bearing	Nice—special	2
18	BX 31234	Spindle pivot pin		2
19	BX 13205	Spindle pivot pin lock		2
20	BX 31099	Spindle pivot pin bushing—lower		2
21	BX 31235	Spindle pivot pin bushing—upper		2
22	12347	Inner bearing cone and rolls	Timken 415	2
23	12346	Inner bearing cup	Timken 412A	2
24	6237	Outer bearing cone and rolls	Timken 315	2
25	5672	Outer bearing cup	Timken 312	2
26	BX 28961	Steering arm—R. H.		1
27	BX 31207	Steering arm—L. H.		1
28	BX 9720	Steering arm key		2
29	BX 21948	Steering arm ball		2
30	BX 31206	Steering arm to drag link ball		1
31	BM 12172	Steering arm ball nut		3
	CX 31395	TIE ROD ASSEMBLY		1
32	CX 31396	Tie rod only		1
	BX 29310	Ball seat		4
	BX 70144	Shim	1/32" thick	4
	BX 70145	Shim	1/16" thick	6
	BX 29311	Plug		2
	BX 29314	Spring		2
33	BX 29313	Inner cover		2
34	BX 29312	Outer cover		2
35	BZ 70310	Outer cover screw	3/16"-24x $\frac{7}{8}$ "	2
36	BZ 3987	Outer cover screw nut	3/16"-24	2

FRONT BRAKES

37	BX 31598	BRAKE SHOE ASSEMBLY (Set for one wheel)		2
38	BX 31644	Brake shoe retracting spring		2
39	BX 31610	Camshaft and crank assembly		2
40	BX 63989	Camshaft dust shield		4
41	BX 31592	Brake crank lever—R. H.		1
42	BX 31593	Brake crank lever—L. H.		1
43	BX 70361	Brake crank lever clamp bolt		2
44	BR 611	Brake crank lever clamp bolt nut		2
45	BX 31611	Cam plate and blocks assembly		2
46	BX 31621	Reinforcement plate and anchor pin assembly		2
47	BX 31646	Anchor pin washer		4
48	BZ 12290	Anchor pin nut		4
49	BX 70539	Anchor pin shakeproof lockwasher		4
50	BX 31624	Carrier bracket assembly		2
51	BX 30871	Carrier bracket bushing		1
	BX 31245	Backing plate assembly—R. H.		1
	BX 31246	Backing plate assembly—L. H.		1
52	BX 31643	Brake shoe silencing spring		2
53	BX 31613	Brake shoe spacer pin and eccentric washer		4
54	BX 31614	Brake shoe spacer pin and eccentric spring		4
55	BX 31622	Eccentric assembly		2
56	BZ 62	Eccentric nut		2
57	BX 31623	Adjusting screw assembly		2

When ordering give letter prefix with symbol number—Example: CX 28960.



Front Axle

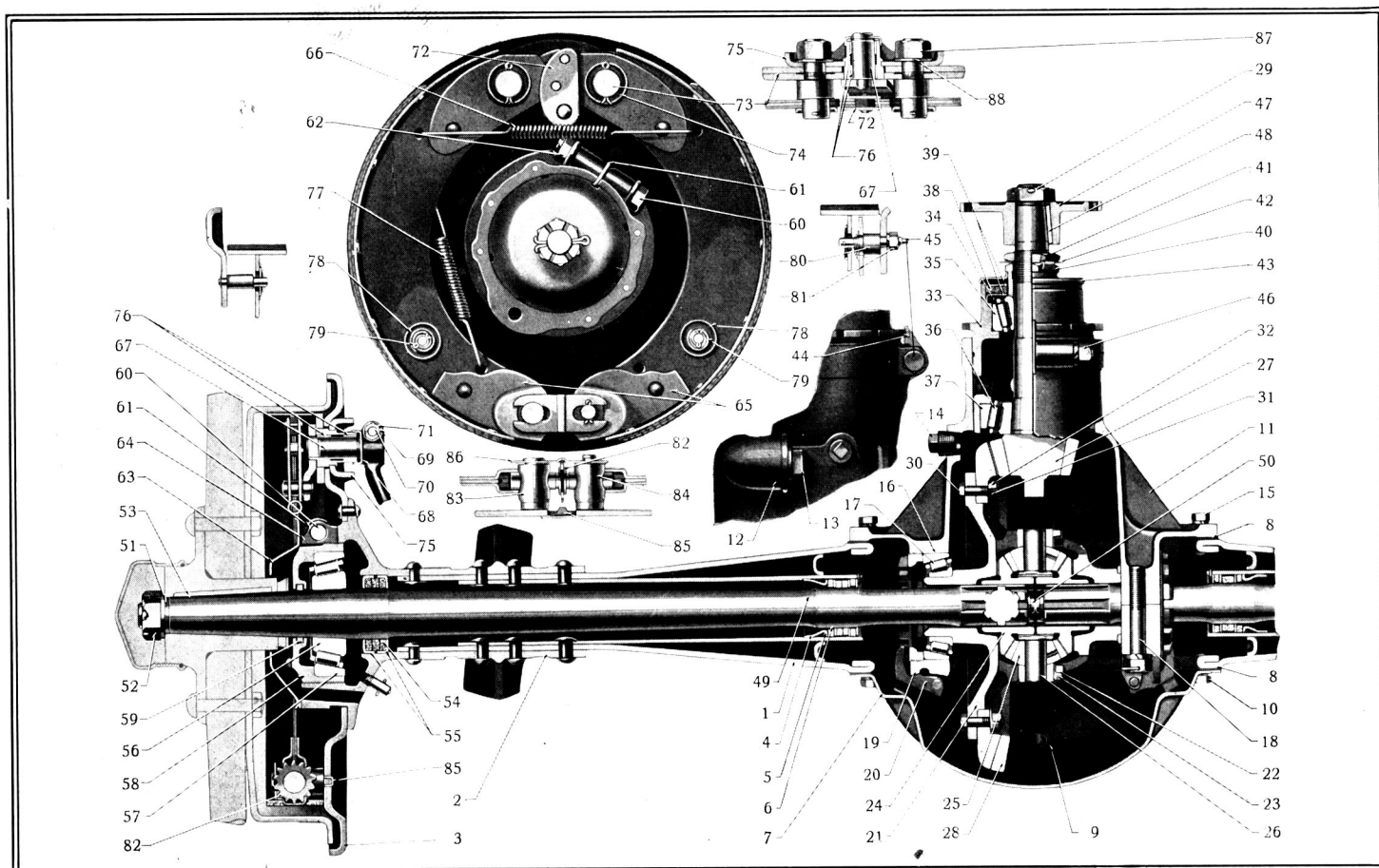
FRONT BRAKES (Continued)

Illus. No.	Part No.	Description	Specifications	No. Req.
58	BX 31642	Adjusting screw pivot nut—R. H.		2
59	BX 31641	Adjusting screw pivot nut—L. H.		2
60	BX 63974	Adjusting screw cover plate		2
61	BX 31645	Adjusting screw lock spring—flat		2
62	BX 31188	Brake operating lever—R. H.		1
63	BX 31189	Brake operating lever—L. H.		1
64	BX 31190	Brake operating lever pivot pin		2
65	BX 70443	Brake operating lever pivot pin washer		2
65	BX 61492	Brake operating lever pivot pin dust washer		2
66	BX 62739	Brake operating lever take-up spring		2
67	BX 62740	Brake operating lever dust shield		2
68	BX 62741	Brake operating lever dust washer—felt		2

REAR AXLE

...	CY 31051	REAR AXLE ASSEMBLY	4-5/12 to 1	1
...	CY 31052	REAR AXLE ASSEMBLY	4-1/13 to 1	1
1	CY 31053	REAR AXLE HOUSING ASSEMBLY		1
2	GY 31054	Brake spider—R. H.		1
2	GY 31055	Brake spider—L. H.		1
3	GY 31604	Dust shield—R. H.		1
3	GY 31605	Dust shield—L. H.		1
4	GY 20709	Inner oil retainer		2
5	BY 20094	Inner oil retainer felt washer		10
6	BY 20710	Inner oil retainer felt washer spacing ring		6
7	BY 19321	Housing cover		1
8	BY 19322	Housing cover gasket		1
9	BM 322	Housing cover pipe plug	$\frac{3}{4}$ "	1
10	BZ 1157	Housing cover bolt	$\frac{3}{8}$ "-16x $\frac{3}{4}$ "	10
...	GY 7311	Rivet	Wagon box head $\frac{3}{8}$ "x1 $\frac{1}{8}$ "	12
...	GY 9683	Rivet	Wagon box head $\frac{3}{8}$ "x1"	4
...	GY 545	Rivet	Button head 5/16"x1"	20
...	CY 30834	DIFFERENTIAL CARRIER AND GEAR SET ASSEMBLY	4-5/12 to 1	1
...	CY 30835	DIFFERENTIAL CARRIER AND GEAR SET ASSEMBLY	4-1/13 to 1	1
11	CY 19567	DIFFERENTIAL CARRIER ASSEMBLY (Includes parts 19328, 9626, 9641, 9605 and 9598)		1
...	19328	Carrier (Not sold separately)		1
...	9626	Carrier cap (Not sold separately)		2
12	GY 12193	Elbow	1"	1
13	BY 12184	Filler pipe plug	1"	1
14	GM 5710	Inspection pipe plug		1
15	BY 19322	Carrier gasket		1
16	BR 1308	Carrier bolt	$\frac{3}{8}$ "-16x1 $\frac{1}{2}$ "	10
16	6232	Bearing cup	Timken No. 3720	2
17	18037	Bearing cone and rolls	Timken No. 377	2
18	BY 9641	Bearing cap bolt	9/16"-12x3 $\frac{1}{4}$ "	4
19	BY 9605	Bearing adjusting nut		2
20	GY 9598	Bearing adjusting nut lock		2
21	BY 30875	DIFFERENTIAL CASE ASSEMBLY		1
22	BY 20998	Differential case bolt		8
23	BY 20865	Differential case bolt lock	$\frac{3}{8}$ "-16x1 $\frac{1}{2}$ "	4
24	BY 9765	Differential gear		2
25	BY 9766	Differential pinion		4
26	BY 9767	Differential spider		1
27	BY 30837	Drive pinion	11 teeth	1
28	BY 30836	Drive gear	53 teeth 4-5/12 to 1	1
...	BY 30839	Drive pinion	13 teeth	1
29	BY 10971	Drive pinion shaft nut	1"-20x1 $\frac{1}{2}$ "	1
...	BY 30838	Drive gear (Gears and pinions should be ordered in matched sets to insure satisfactory performance)	53 teeth 4-1/13 to 1	1
30	BY 18305	Drive gear bolt	$\frac{3}{8}$ "-24x1-7/16" special	10
31	BY 18164	Drive gear bolt nut	$\frac{3}{8}$ "-24x21/64"	10
32	BY 30842	Drive gear bolt nut lock		5
33	BY 30863	PINION BEARING CAGE ASSEMBLY		1
34	18036	Front bearing cone and rolls	Timken No. 3196	1
35	2442	Front bearing cup	Timken No. 3120	1
36	9698	Rear bearing cone and rolls	Timken No. 439T	1
37	12412	Rear bearing cup	Timken No. 432	1
38	BY 19144	Felt washer		1
39	BY 19145	Felt washer retainer		2
40	BY 19141	Adjusting sleeve		1
41	BY 19142	Adjusting sleeve lock nut		1

When ordering give letter prefix with symbol number—Example: CX 28960.



Rear Axle Assembly

REAR AXLE Continued

Illus. No.	Part No.	Description	Specifications	No. Req.
42	BY 30843	Adjusting sleeve lock nut lock		1
43	BY 19143	Dust excluder		1
44	BY 19330	Bearing cage lock		1
45	BY 18031	Bearing cage clamp bolt	$\frac{1}{2}$ "-20x3 $\frac{1}{2}$ "	1
46	BY 3433	Clamp bolt nut		1
47	BZ 9906	Companion flange		1
48	BY 9699	Companion flange key		1
49	CY 21003	DRIVE SHAFT ASSEMBLY (Includes thrust button)		2
50	BY 11470	Drive shaft thrust button		2
51	BY 9670	Drive shaft washer		2
52	BY 9681	Drive shaft nut	$\frac{3}{8}$ "-14x $\frac{5}{8}$ "	2
53	BY 9628	Drive shaft key		2
54	BY 13959	Drive shaft felt washer		6
55	BY 19326	Drive shaft felt washer retainer		4
56	12496	Bearing cone and rolls	Timken 458T	2
57	12497	Bearing cup	Timken 454	2
58	BY 16573	REAR WHEEL BEARING ADJUSTING NUT ASSEMBLY (Includes bearing cup and felt washer)		2
59	BY 20094	Felt washer		2
60	BY 9668	Adjusting nut clamp bolt	$\frac{1}{2}$ "-20x3 $\frac{1}{4}$ "	2
61	BY 13954	Adjusting nut lock		2
62	BZ 72	Adjusting nut clamp bolt nut	$\frac{1}{2}$ "-20	2
63	BY 31056	Rear wheel bearing grease deflector		2
64	BY 31218	Rear wheel bearing grease deflector gasket		2
...	GM 9202	Machine screw	$\frac{1}{4}$ "-20x9/16"	8

REAR BRAKES

65	BX 31598	BRAKE SHOE ASSEMBLY (Set for one wheel)		2
66	BX 31644	Brake shoe retracting spring		2
67	BX 31610	Camshaft and crank assembly		2
68	BX 63989	Camshaft dust shield		4
...	BY 31191	Brake crank lever—R. H.		1
69	BY 31192	Brake crank lever—L. H.		1
70	BX 70361	Brake crank lever clamp bolt		2
71	BR 611	Brake crank lever clamp bolt nut		2
72	BX 31611	Cam plate and blocks assembly		2
73	BX 31621	Reinforcement plate and anchor pin assembly		4
74	BX 31646	Anchor pin washer		2
75	BX 31624	Carrier bracket assembly		2
76	BX 30871	Carrier bracket bushing		2
...	BY 31604	Backing plate assembly—R. H.		1
...	BY 31605	Backing plate assembly—L. H.		1
77	BX 31643	Brake shoe silencing spring		2
78	BX 31613	Brake shoe spacer pin and eccentric washer		4
79	BX 31614	Brake shoe spacer pin and eccentric spring		4
80	BX 31622	Eccentric assembly		2
81	BZ 62	Eccentric nut		2
82	BX 31623	Adjusting screw assembly		2
83	BX 31642	Adjusting screw pivot nut—R. H.		2
84	BX 31641	Adjusting screw pivot nut—L. H.		2
85	BX 63974	Adjusting screw cover plate		2
86	BX 31645	Adjusting screw lock spring—flat		2
87	BZ 12290	Anchor pin nut		4
88	BX 70539	Anchor pin shakeproof lockwasher		4

WOOD WHEELS—STANDARD

...	CW 31073	FRONT WOOD WHEEL ASSEMBLY (Specify color)	31"x6"	2
...	BZ 31114	Hub assembly (Includes bearing cups)		2
...	BZ 70421	Hub bolts	$\frac{3}{8}$ "-16x2-5/16"	24
...	BZ 70147	Hub bolt—nut	$\frac{3}{8}$ "-16x9/32"	24
...	BX 14987	Felt dust washer		2
...	BX 22232	Felt dust washer retainer—outer		2
...	BX 29587	Felt dust washer retainer—inner		2
...	5672	Outer bearing cup	Timken 312	2
...	12346	Inner bearing cup	Timken 412A	2
...	BZ 31082	Hub cap		2
...	CW 31104	Brake drum		2
...	BZ 62792	Brake inspection hole cover		2
...	BZ 7819	Screw	$\frac{1}{4}$ "-20x $\frac{3}{8}$ " round head	2
...	CW 31074	REAR WOOD WHEEL ASSEMBLY (Specify color)	31"x6"	2
...	CW 31102	Brake drum		2

When ordering give letter prefix with symbol number—Example: CX 28960.

WOOD WHEELS—STANDARD (Continued)

Illus. No.	Part No.	Description	Specifications	No. Req.
...	CW 31314	REAR WOOD WHEEL ASSEMBLY (temporary)		
...		(Specify color)	31"x6"	2
...	CW 31104	Brake drums (temporary)		2
...	BZ 31081	Hub		2
...	BZ 70421	Hub bolt	$\frac{3}{8}$ "-16x2-5/16"	24
...	BZ 70147	Hub bolt nut	$\frac{3}{8}$ "-16x9/32"	24
...	BZ 31082	Hub cap		2
...	BZ 31113	Grease shield		2
...	BZ 62792	Brake inspection hole cover		2
...	BZ 7819	Screw	$\frac{1}{4}$ "-20x $\frac{3}{8}$ " round head	2

WOOD WHEELS—DEMOUNTABLE—AT HUB

...	CW 31377	WHEEL ASSEMBLY		5-6
...	CW 31346	Locking ring	Chromium plated	5-6
...	CZ 31333	Front hub assembly (Includes bearing cups and brake drums)		2
...	BZ 31341	Front hub (Includes bearing cups)		2
...	5672	Outer bearing cup	Timken 312	2
...	12346	Inner bearing cup	Timken 412A	2
...	BZ 31348	Rear hub assembly (Includes brake drum)		2
...	BZ 31349	Rear hub		2
...	BZ 31334	Rear hub assembly (Includes brake drum)		2
...	BZ 31342	Rear hub		2
...	BZ 31385	Hub bolt	Chromium plated	28
...	CW 31344	Brake drum		4
...	BZ 70250	Rivet	5/16"x1-1/16" button hd.	28
...	BZ 62792	Brake inspection hole cover		4
...	BZ 70521	Screw	$\frac{1}{4}$ "-20x17/64" round head	4
...	BZ 31388	Hub cap—inner (front wheel)		2
...	BZ 31251	Hub cap		5-6
...	BZ 31343	Shield—front brake oil		2
...	BZ 31382	Bolting flange—outer		2
...	BZ 31383	Bolting flange—inner		2
...	BZ 31384	Steel ferrule		35-42

WIRE WHEELS

...	CW 31330	WIRE WHEEL ASSEMBLY	Specify color	5-6
...	CW 31346	Locking ring	Chromium plated	5-6
...	BZ 31333	Front hub assembly (Includes bearing cups and brake drums)		2
...	BZ 31341	Front hub (Includes bearing cups)		2
...	5672	Outer bearing cup	Timken 312	2
...	12346	Inner bearing cup	Timken 412A	2
...	CZ 31348	Rear hub assembly (includes brake drums)		2
...	BZ 31349	Rear hub		2
...	CZ 31333	Rear hub assembly (Includes brake drums)		2
...	BZ 31342	Rear hub		2
...	BZ 31347	Hub bolt	Special	28
...	CW 31344	Brake drum		4
...	BZ 31343	Front brake grease shield		2
...	BZ 70520	Rivet	5/16"x1-1/16" button hd.	28
...	BZ 62792	Brake inspection hole cover		4
...	BZ 70521	Screw	$\frac{1}{4}$ "-20x17/64" round hd.	4
...	BZ 31338	Outer spoke		140-168
...	BZ 31339	Inner spoke		210-252
...	BZ 31340	Spoke nipple		350-420
...	BZ 31388	Hub cap—inner (front wheel)		2
...	BZ 31251	Hub cap		5-6

DEMOUNTABLE RIMS

...	CW 30862	Rim	31"x6"	5
...	BZ 28417	Rim lock		5
...	BZ 62590	Rim lock stud		5
...	BZ 62045	Rim safety latch		5
...	BZ 62044	Rim safety latch stud		5
...	BZ 30783	Rim clamp		20
...	BZ 30784	Rim clamp bolt		20
...	BZ 30785	Rim clamp bolt nut		20

When ordering give letter prefix with symbol number—Example: CX 28960.

FRONT SPRINGS

Illus. No.	Part No.	Description	Specifications	No. Req.
...	CZ 31387	FRONT SPRING ASSEMBLY	39" center to center— 1 $\frac{1}{8}$ " thick	2 2
...	CZ 30945	Leaf No. 1 (Includes bushings)	17 $\frac{1}{2}$ " frt. to ctr.;	2
...	CZ 30936	Leaf No. 2	20 $\frac{1}{2}$ " ctr. to rear.	2
...	CZ 30937	Leaf No. 3 (Includes clips)	15 $\frac{1}{2}$ " frt. to ctr.; 18 $\frac{1}{2}$ " ctr. to rear.	2
...	CZ 30938	Leaf No. 4	13 $\frac{1}{2}$ " frt. to ctr.; 15 $\frac{1}{4}$ " ctr. to rear.	2
...	CZ 30939	Leaf No. 5	11 $\frac{1}{2}$ " frt. to ctr.; 13 $\frac{3}{8}$ " ctr. to rear.	2
...	CZ 30940	Leaf No. 6	9 $\frac{1}{2}$ " frt. to ctr.; 11" ctr. to rear.	2
...	CZ 30941	Leaf No. 7	7 $\frac{1}{2}$ " frt. to ctr.; 8 $\frac{3}{4}$ " ctr. to rear.	2
...	CZ 30942	Leaf No. 8	5 $\frac{1}{2}$ " frt. to ctr.; 6 $\frac{1}{2}$ " ctr. to rear.	2
...	CZ 30943	Leaf No. 9	3 $\frac{3}{4}$ " frt. to ctr.; 4 $\frac{1}{4}$ " ctr. to rear.	2 4
...	BZ 30968	Leaf clip—small		4
...	BZ 30967	Leaf clip—large		4
...	BZ 30970	Center bolts	$\frac{3}{8}$ "-16x2 $\frac{3}{8}$ "	2
...	BM 110	Nut—center bolt	$\frac{3}{8}$ "-16x $\frac{3}{8}$ "	2
...	BZ 13224	Bushing—front end	Plain	2
...	BZ 13336	Bushing—rear end	Drilled	2
...	BZ 22272	Bolt—front end		2
...	BZ 16352	Nut—front end bolt		2
...	BZ 29318	Shim—front end bolt		2
...	BZ 16342	Shim—front end bolt		2
...	BZ 24466	Shackle—plain		2
...	BZ 24452	Shackle—tapped		2
...	BZ 24464	Shackle bolt—thin head		4
...	BY 18093	Nut—shackle bolt		4
...	BZ 30912	Clip		4
...	BZ 88	Nut—clip	9/16"-18x11/16"	8
...	BZ 29297	Bumper	Rubber	2
...	BZ 29296	Bumper strap	Leather	4

REAR SPRINGS

TOWN AND LANDAU SEDANS

...	CZ 31471	REAR SPRING ASSEMBLY—10 leaves	57-11/16" ctr. to ctr.	2
...	CZ 30953	Leaf No. 1 (Includes bushings)		2
...	CZ 30954	Leaf No. 2	28 $\frac{1}{2}$ " frt. to ctr.; 28 $\frac{1}{2}$ " to rear.	2
...	CZ 30955	Leaf No. 3 (Includes clips)	25 $\frac{1}{2}$ " frt. to ctr.; 25 $\frac{1}{2}$ " to rear.	2
...	CZ 30956	Leaf No. 4	22 $\frac{5}{8}$ " frt. to ctr.; 22 $\frac{5}{8}$ " to rear.	2
...	CZ 30957	Leaf No. 5	19 $\frac{3}{4}$ " frt. to ctr.; 19 $\frac{3}{4}$ " to rear.	2
...	CZ 30958	Leaf No. 6	16 $\frac{5}{8}$ " frt. to ctr.; 16 $\frac{5}{8}$ " to rear.	2
...	CZ 30959	Leaf No. 7	14" frt. to ctr.; 14" to rear	2
...	CZ 30960	Leaf No. 8	11 $\frac{1}{8}$ " frt. to ctr.; 11 $\frac{1}{8}$ " to rear.	2
...	CZ 30961	Leaf No. 9	8 $\frac{1}{4}$ " frt. to ctr.; 8 $\frac{1}{4}$ " to rear	2
...	CZ 30962	Leaf No. 10	5 $\frac{3}{8}$ " frt. to ctr.; 5 $\frac{3}{8}$ " to rear	2
...	BZ 30964	Spring leaf clip—small		4
...	BZ 30963	Spring leaf clip—large		4
...	BZ 30969	Center bolts	$\frac{3}{8}$ "-16 USSx3"	2
...	BM 110	Nut—center bolt	$\frac{3}{8}$ "-16x $\frac{3}{8}$ "	2
...	BZ 29005	Plate		4
...	BZ 25291	Clip—rear spring		4
...	BZ 88	Nut—spring clip	9/16"-18x11/16"	24
...	BZ 5523	Nut—spring clip lock	9/16"-18x $\frac{1}{4}$ "	8
...	BZ 29004	Strap—spring clip		4
...	BZ 13341	Bushing—front		2
...	BZ 13224	Bushing—rear		2
...	BZ 16340	Bolt—front end		2
...	BZ 16352	Nut—front end bolt	9/16"-18	2
...	BZ 24072	Shim—front end bolts		4

When ordering give letter prefix with symbol number—Example: CX 28960.

Hudson Frame

REAR SPRINGS—TOWN AND LANDAU SEDANS (Continued)

Illus. No.	Part No.	Description	Specifications	No. Req.
...	BZ 16343	Sleeve—front end bolt adjusting		2
...	BZ 24465	Bolt—shackle		4
...	BY 18093	Nut—shackle bolt	$\frac{5}{8}$ "-18	4
...	BZ 24453	Shackle—plain		2
...	BZ 24454	Shackle—threaded		2

USED ON COACH, SEDAN, VICTORIA AND PHAETON

...	CZ 31386	REAR SPRING ASSEMBLY		2
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NOTE: Use component parts of spring CZ 31471

COUPE AND ROADSTER

...	CZ 31470	REAR SPRING ASSEMBLY—9 leaves	57-11 1/16" ctr. to ctr.	2
...	CZ 30953	Leaf No. 1 (Includes bushings)	28 1/2" frt. to ctr.; 28 1/2"	2
...	CZ 30944	Leaf No. 2	to rear	2
...	CZ 30946	Leaf No. 3 (Includes clips)	25 1/4" frt. to ctr.; 25 1/4"	2
...	CZ 30947	Leaf No. 4	to rear	2
...	CZ 30948	Leaf No. 5	22" frt. to ctr.; 22" to rear	2
...	CZ 30949	Leaf No. 6	18 3/4" frt. to ctr.; 18 3/4"	2
...	CZ 30950	Leaf No. 7	to rear	2
...	CZ 30951	Leaf No. 8	15 1/2" frt. to ctr.; 15 1/2"	2
...	CZ 30952	Leaf No. 9	to rear	2
...	BZ 30965	Leaf clip—small	9" frt. to ctr.; 9" to rear	2
...	BZ 30966	Leaf clip—large	6 3/4" frt. to ctr.; 4 3/4" to rear	2
...	BZ 30971	Center bolt		2
...	BM 110	Nut—center bolt	3/8"-18x2-11/16"	2
...	BZ 29005	Plate	3/8"-18x3/8"	2
...	BZ 25291	Clip—rear spring		2
...	BZ 88	Nut—spring leaf		4
...	BZ 5523	Nut—spring clip lock	9 1/16"-18x11/16"	24
...	BZ 29004	Strap—spring clip	9 1/16"-18x1 1/4"	8
...	BZ 13341	Bushing—front		4
...	BZ 13224	Bushing—rear		2
...	BZ 16340	Bolt—front end		2
...	BZ 16352	Nut—front end bolt	9 1/16"-18	2
...	BZ 24072	Shim—front end bolt		4
...	BZ 16343	Sleeve—front end bolt adjusting		2
...	BZ 24465	Bolt—shackle		4
...	BY 18093	Nut—shackle bolt	5/8"-18	4
...	BZ 24453	Shackle—plain		2
...	BZ 24454	Shackle—threaded		2

FRAME

...	CZ 31000	FRAME ASSEMBLY		1
1	CZ 31023	FRAME SIDE MEMBER ASSEMBLY—R. H.		1
2	CZ 31024	FRAME SIDE MEMBER ASSEMBLY—L. H.		1
3	BZ 31153	Front end—R. H. (spring hanger)		1
4	BZ 31154	Front end—L. H. (spring hanger)		1
5	GZ 80	Rivet	3/8"x1 1/2" button head	4
6	BZ 12332	Rivet	3/8"x3" button head	2
7	BZ 70287	Rivet	3/8"x3 3/4" button head	2
8	BZ 70311	Rivet	3/8"x3 1/4" button head	2
9	BZ 29850	REAR END ASSEMBLY (spring hanger)—R. H.		1
10	BZ 29851	REAR END ASSEMBLY (spring hanger)—L. H.		1
11	BZ 70102	Rivet	3/8"x3 3/4" button head	2
12	BZ 70103	Rivet	3/8"x4 3/4" button head	2
13	BZ 30265	Bracket—starting crank		1
14	BZ 18119	Bolt	3/8"-16x3-5/16"	2
15	BM 110	Nut	3/8"-16x3/8"	2
16	BZ 28974	Front motor support—R. H.		1
17	BZ 28975	Front motor support—L. H.		1
18	BZ 28813	Rear motor support		1
19	BZ 30103	Body bracket—short		2
20	BZ 28834	Body bracket No. 2 and 7		4
21	BZ 30104	Body bracket No. 3, 4, 5 and 6		8
22	BZ 31227	Bracket—trunk rack support loop		2
23	GY 84	Rivet	1/2"x3 1/2" button head	4
24	BY 85	Rivet	3/8"x1" button head	4

When ordering give letter prefix with symbol number—Example: CX 28960.

FRAME (Continued)

Illus. No.	Part No.	Description	Specifications	No. Req.
25	BY 77	Rivet.....	$\frac{3}{8}$ "x1 $\frac{1}{4}$ " button head.....	2
...	BZ 28840	FRONT SPRING REAR HANGER ASSEMBLY (Includes bushing).....		2
...	BZ 28818	Bushing.....		2
28	BZ 28819	Rear spring front hanger—R. H.....		1
29	BZ 28820	Rear spring front hanger—L. H.....		1
30	BZ 28838	Muffler front hanger.....		1
31	BZ 30105	Muffler rear hanger.....		1
32	BZ 30266	RUNNING BOARD HANGER ASSEMBLY—front and center.....		4
33	BZ 30270	Running board hanger—rear.....		2
34	BZ 30611	Front fender tire support (wire wheels only).....		2
35	BZ 31158	Idle lever support.....		2
...	BY 3205	Clevis pin.....	$\frac{7}{16}$ "x2 $\frac{3}{8}$ ".....	2
...	BZ 29548	Tire carrier bracket—center.....		1
38	BZ 30030	BATTERY TRAY ASSEMBLY.....		1
39	BM 18185	Battery tray bolt.....	$\frac{3}{8}$ "-16x2".....	1
...	BM 110	Battery tray bolt nut.....	$\frac{3}{8}$ "-16x $\frac{3}{8}$ ".....	1
...	BY 60989	Rear rubber bumper.....		2
...	GM 1483	Bumper bolt.....	$\frac{5}{16}$ "-18x1 $\frac{3}{8}$ ".....	4
...	BZ 122	Bumper bolt nut.....	$\frac{5}{16}$ "-18x5/16".....	4

CROSS MEMBERS

40	BZ 30260	Front cross tube—small.....		1
...	BZ 30284	Plug—small cross tube.....		2
41	BZ 30264	Front cross tube—large.....		1
42	BZ 30342	Bracket—R. H. end.....		1
43	BZ 30343	Bracket—L. H. end.....		1
...	BZ 70286	Plug—large front cross tube.....		2
44	CZ 31223	Front center cross member assembly—upper.....		1
...	CZ 31110	Front center cross member—lower.....		1
45	CZ 31224	Rear center cross member assembly.....		1
46	CZ 28808	Rear box cross member.....		1
47	CZ 31476	Rear cross member assembly (Includes spring hangers).....		1
...	GZ 3613	Rubber ferrule.....	$\frac{7}{8}$ ".....	2
...	BO 18712	Rubber ferrule.....	$\frac{1}{2}$ ".....	4
...	BZ 6437	Rubber ferrule.....	$\frac{3}{8}$ ".....	1
...	BZ 28823	Front center cross member gusset—front right, rear left.....		2
...	BZ 28824	Front center cross member gusset—front left, rear right.....		2
...	BZ 28825	Rear center cross member gusset—front right.....		1
...	BZ 28826	Rear center cross member gusset—front left.....		1
...	BZ 28827	Rear center cross member gusset—rear right.....		1
...	BZ 28828	Rear center cross member gusset—rear left.....		1

BUMPERS

...	CZ 81686	FRONT BUMPER ASSEMBLY.....		1
...	BZ 5735	Bolt—bumper to frame.....	$\frac{7}{16}$ "-14x1".....	4
...	BZ 81690	Clamp—bumper to frame.....		2
...	GZ 82493	Inside bar.....		1
...	CZ 82497	Inside bar—R. H.....	(Optional).....	1
...	CZ 82498	Inside bar—L. H.....	(Optional).....	1
...	CZ 82494	Outside bar—upper.....		1
...	CZ 82495	Outside bar—lower.....		1
...	BZ 82496	Bolt—outside and inside bar—end.....		2
...	BZ 82499	Finish plate—center.....		1
...	BZ 82501	Finish plate—ends.....		2
...	CZ 81688	Screw—finish plate.....		3
...	BZ 82519	REAR BUMPER ASSEMBLY.....		1
...	BZ 82520	Reinforcement—R. H.....		1
...	CZ 82521	Reinforcement—L. H.....		1
...	CZ 82522	Inside bar—R. H.....		1
...	BZ 82517	Inside bar—L. H.....		1
...	GZ 82518	Outside bar—upper.....		1
...	BZ 82496	Outside bar—lower.....		1
...	BZ 82499	Bolt—outside and inside bar—end.....		1
...	BZ 82501	Finish plate—center.....		1
...	BZ 82501	Finish plate—ends.....		2
...	BZ 7304	Screw—finish plate.....		3
...	BZ 70572	Bolt—bumper to frame.....	$\frac{1}{2}$ "-13x2 $\frac{3}{8}$ ".....	2
...	BZ 82334	Nut—bumper to frame bolt.....	$\frac{1}{2}$ "-13.....	2
...	BZ 82334	Spacer—rear bumper.....		2

When ordering give letter prefix with symbol number—Example: CX 28960.

GASOLINE TANK

Illus. No.	Part No.	Description	Specifications	No. Req.
...	CZ 31277	GASOLINE TANK ASSEMBLY.....		1
...	BZ 2346	Drain plug— $\frac{3}{8}$ " pipe thread.....		1
...	BZ 31236	Filler cap.....		1
...	BZ 30740	Filler cap gasket.....		1
...	BZ 31274	Suction tube assembly.....		1
...	BZ 30738	Filler neck.....		1
...	BZ 31276	Gauge—tank unit assembly.....		1
...	BZ 70434	Screw—gauge wire No. 8-32x $\frac{1}{4}$ " brass.....		1
...	BZ 12488	Screw—gauge attaching No. 8-32x7/16".....		5
...	BZ 31310	Gasket—gauge.....		1

GASOLINE TANK STRAP

...	BZ 28991	STRAP ASSEMBLY—R. H.....		1
...	BZ 28992	STRAP ASSEMBLY—L. H.....		1
...	BZ 28997	Front "T" bolt.....		2
...	BZ 28998	Front "T" bolt nut.....		2
...	BZ 28999	Rear bolt.....		2
...	BZ 62	Rear bolt nut..... $\frac{3}{8}$ "-24x21/64"		2

RADIATOR

...	A 31200	RADIATOR COMPLETE.....		1
...	A 81260	SHELL AND SHUTTERS ASSEMBLY.....	Specify color.....	1
...	A 81315	Shell assembly (less shutters).....		1
...	BZ 18218	Screw—shell to core.....		8
...	BM 272	Nut—shell to core screw.....		8
...	BZ 78758	Shutter blade assembly.....	Specify color.....	18
...	BZ 81309	Shutter rail assembly.....		2
...	BZ 81311	Shutter operating rail assembly.....		1
...	BZ 81261	Shutter bell crank.....		1
...	BZ 81184	Shutter bell crank bracket.....		1
...	BZ 28917	Tie rod—radiator to cowl.....		1
...	BZ 62	Nut..... $\frac{3}{8}$ "-24x21/64"		1
...	BZ 81183	Hinge rod bracket.....		1
...	BZ 82085	Lacing.....		2
...	BZ 81353	Lacing rivet.....		14
...	BZ 81264	Name plate.....		1
...	BZ 81270	Starting crank hole cover.....		1

CORE

...	CZ 31108	CORE TANK AND SUPPORT ASSEMBLY.....		1
...	BZ 31689	Core anchorage and reinforcement assembly.....		1
...	BZ 70345	Screw—core to frame bracket.....	$\frac{7}{16}$ "-14x1 $\frac{1}{8}$ "	2
...	BY 551	Nut..... $\frac{7}{16}$ "-14x7/16"		2
...	BZ 30479	Outlet.....		1
...	BZ 30559	Outlet gasket.....		1
...	BZ 31477	Filler neck.....		1
...	BZ 81272	Filler cap.....		1
...	BZ 62353	Filler cap gasket.....		1
...	BZ 30289	Upper hose.....		1
...	BZ 30288	Lower hose.....		1
...	BZ 70327	Hose clamp.....	1-13/16"	4

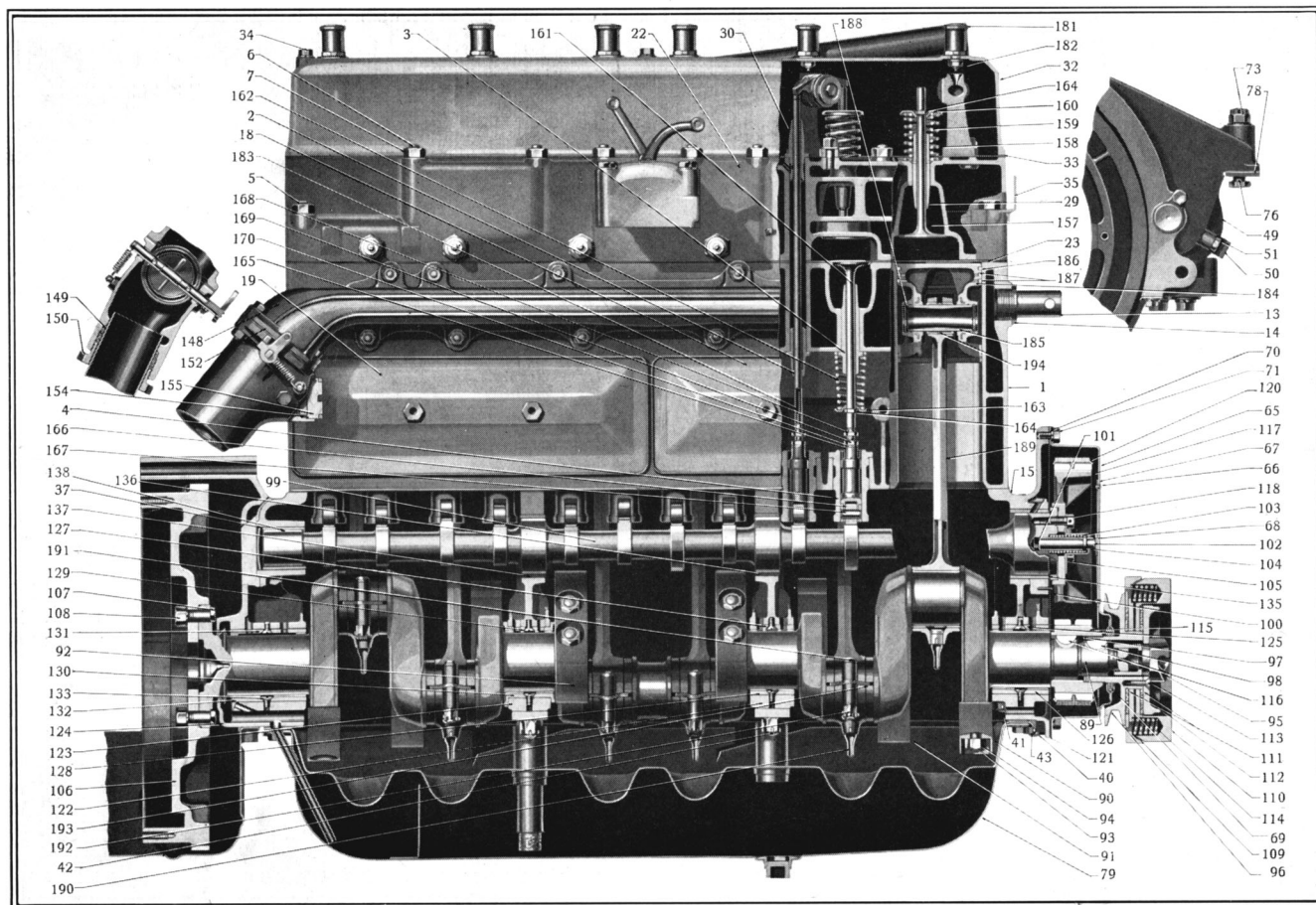
RADIATOR SHUTTER CONTROL

...	BZ 76429	Knob.....		1
...	BZ 29111	Ratchet.....		1
...	BZ 81280	Operating rod.....		1
...	BZ 12481	Operating rod nut.....	$\frac{5}{16}$ "-24x17/64"	1
...	BZ 70492	Operating rod clevis.....	$\frac{5}{16}$ "-24	1
...	BZ 81526	Operating rod silencer.....		1
...	BZ 79281	Bracket assembly.....		1
...	BZ 79272	Bracket spring.....		1

FAN

...	BM 31309	FAN ASSEMBLY.....		1
...	BT 395	Spider bolt.....	$\frac{5}{16}$ "-18x $\frac{3}{8}$ "	4
...	BM 30173	Hub.....		1
...	BM 62672	Hub gasket.....		1
...	BM 30848	Spindle.....	$\frac{3}{8}$ "-18 thread	1
...	BM 30849	Spindle washer.....	Fibre	1
...	BM 26538	Spindle shim.....		1

When ordering give letter prefix with symbol number—Example: CX 28960.



Motor—Side View

FAN (Continued)

Illus. No.	Part No.	Description	Specifications	No. Req.
...	BM 18093	Spindle nut	$\frac{5}{8}$ "-18x $\frac{3}{8}$ "	1
...	BM 30176	Spindle spring		1
...	BM 306	Spindle ball	9/16"	1
...	BM 30177	Ball retainer		1
...	BM 29725	Supporting arm		1
...	BM 2337	Supporting arm screw	$\frac{1}{2}$ "-13x $\frac{1}{8}$ "	1
...	BM 29898	Belt		1

MOTOR

...	CM 31060	MOTOR ASSEMBLY		1
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CYLINDER

...	CM 30050	CYLINDER ASSEMBLY AND PISTONS COMPLETE		1
1	CM 29941	CYLINDER ASSEMBLY		1
...	BM 13194	Welch plug	$\frac{1}{4}$ "	8
...	BM 14112	Welch plug	1"	2
2	BM 29906	Rocker arm push rod guide—lower		6
3	BM 29902	Exhaust valve stem guide		6
4	BM 29883	Tappet guide		12
5	BM 29916	Cylinder head stud—short		7
6	BM 29915	Cylinder head stud—long		16
7	BY 551	Cylinder head stud nut	7/16"-14x7/16"	20
...	BM 51758	Cylinder head stud extension nut		3
8	BM 13143	Exhaust manifold stud	$\frac{3}{8}$ "-16x1-21/32"	12
9	BM 110	Exhaust manifold stud nut	$\frac{3}{8}$ "-16x $\frac{3}{8}$ "	12
10	BM 18288	Cylinder side plate stud	$\frac{3}{8}$ "-16x4"	4
11	BM 9542	Cylinder side plate stud nut		4
...	BM 30088	Cylinder side plate stud nut gasket		4
13	BM 13169	Fan lever stud		1
14	BM 2334	Fan lever stud gasket		1
...	BM 29030	Cylinder water outlet washer		2
15	BM 29908	Cylinder to crankcase gasket		1
16	BM 18118	Drain cock		1
17	BM 30287	Cylinder head indicator plug		1
18	GM 20041	FRONT SIDE PLATE AND GASKET ASSEMBLY		1
19	GM 20045	REAR SIDE PLATE AND GASKET ASSEMBLY		1
20	BM 25304	Front gasket		1
21	BM 25305	Rear gasket	5/16"-18x1 $\frac{1}{4}$ "	2
...	BM 13073	Horn bracket stud	5/16"-18x5/16"	2
...	BZ 122	Horn bracket stud nut		2

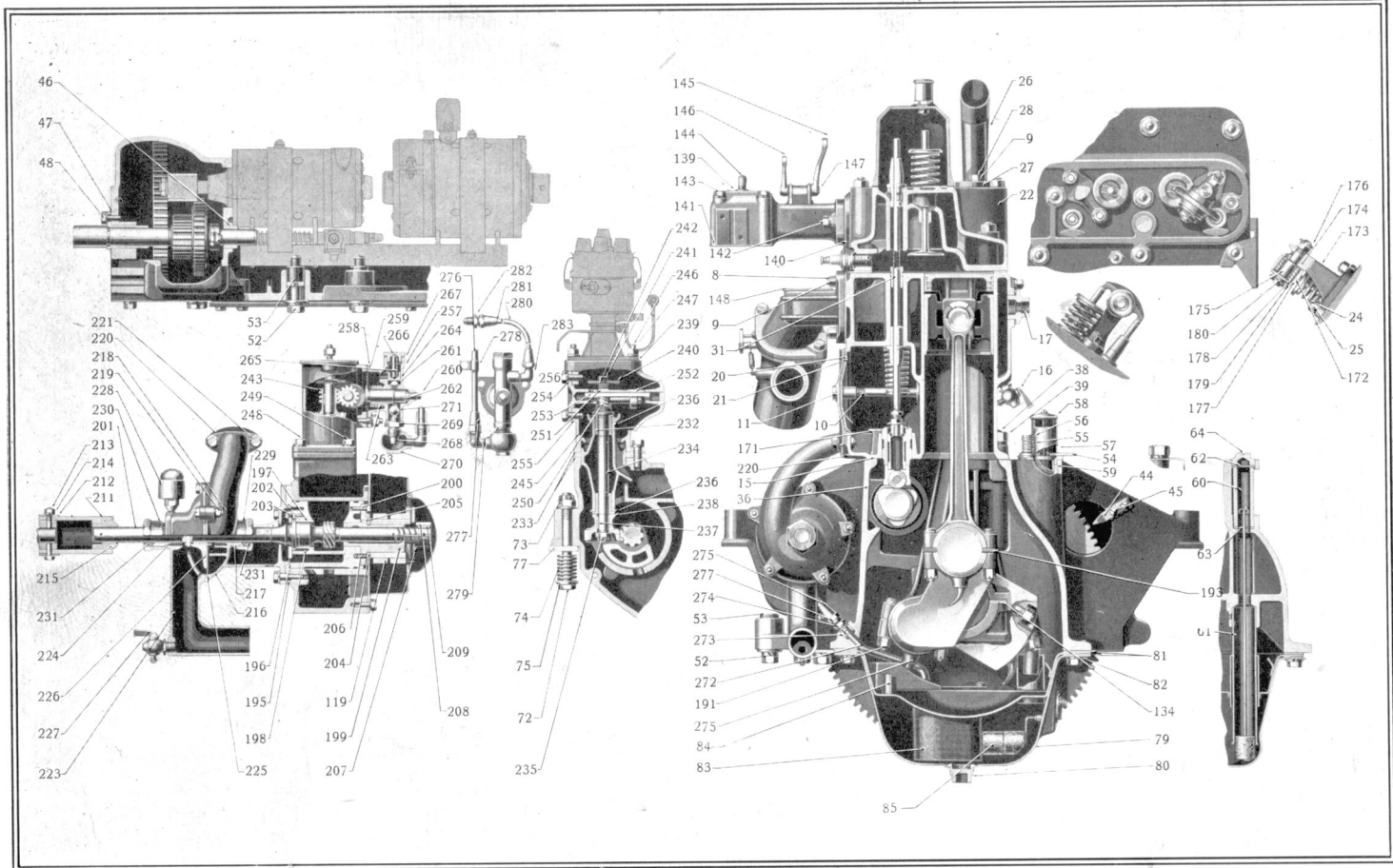
CYLINDER HEAD

22	CM 31065	CYLINDER HEAD ASSEMBLY (Includes welch plugs, studs and guides)		1
23	BM 29863	Cylinder head gasket		1
...	BM 9751	Welch plug	$\frac{7}{8}$ "	3
24	BM 52317	Rocker arm bracket stud	$\frac{3}{8}$ "-16x1-15/16"	12
...	BM 110	Rocker arm bracket stud nut	$\frac{3}{8}$ "-16x $\frac{3}{8}$ "	12
25	BM 29342	Rocker arm bracket stud nut lock plate		12
26	BM 29901	WATER OUTLET MANIFOLD ASSEMBLY		1
27	BM 5356	Water outlet manifold gasket		2
28	BM 52317	Water outlet manifold stud		4
...	BM 110	Water outlet manifold stud nut		4
29	BM 29021	Inlet valve stem guide		6
30	BM 29905	Rocker arm push rod guide—upper		6
31	BM 29907	Cylinder head dowel		2
32	BM 29865	Cylinder head cover		1
33	BM 29866	Cylinder head cover gasket		1
34	BM 70158	Cylinder head cover bolt	5/16"-18x3 $\frac{1}{4}$ "	3
35	BM 29934	Coil bracket	5/16"-18x1 $\frac{1}{8}$ "	1
...	BM 3925	Cable tube clip stud	5/16"-18x1 $\frac{1}{8}$ "	2
...	BZ 122	Cable tube clip stud nut	5/16"-18x5/16"	2

CRANKCASE

36	CM 30239	CRANKCASE COMPLETE		1
...	CM 30238	CRANKCASE AND BEARINGS ASSEMBLY		1
37	BM 13193	Welch plug	1 $\frac{3}{4}$ "	1
...	CM 23169	Crankcase to cylinder stud—long	$\frac{1}{2}$ "-13x3-9/16"	6
38	CM 13139	Crankcase to cylinder stud—short	$\frac{1}{2}$ "-13x2 $\frac{1}{2}$ "	7
39	BM 108	Crankcase to cylinder stud nut	$\frac{1}{2}$ "-13	13
...	BM 29911	Crankcase to cylinder stud—medium	$\frac{1}{2}$ "-13x3 $\frac{1}{4}$ "	2
...	BM 70240	Crankcase to cylinder stud nut	$\frac{1}{2}$ "-13x $\frac{1}{4}$ "	2

When ordering give letter prefix with symbol number—Example: CX 28960.



Motor—End View

CRANKCASE (Continued)

Illus. No.	Part No.	Description	Specifications	No. Req.
40	BM 15090	Front bearing stud—long	$\frac{1}{2}$ "-13 and $\frac{1}{2}$ "-20x4-27/32"	2
41	BM 15091	Front bearing stud—short	$\frac{1}{2}$ "-13 and $\frac{1}{2}$ "-20x3-27/32"	2
42	BM 23569	Middle bearing stud	$\frac{1}{2}$ "-12 and $\frac{1}{2}$ "-20x4-31/32"	4
...	BM 15093	Rear bearing bolt—long	$\frac{1}{2}$ "-20x4 $\frac{3}{4}$ "	2
...	BM 15094	Rear bearing bolt—short	$\frac{1}{2}$ "-20x3 $\frac{3}{8}$ "	2
...	BM 18399	Bearing studs and bolts washer		12
43	BM 18382	Bearing studs and bolts nut	$\frac{1}{2}$ "-20x $\frac{5}{8}$ "	12
44	GM 13120	Flywheel pointer		2
45	BM 12498	Flywheel pointer screw	$\frac{1}{4}$ "-20x7/16"	1
...	GM 20862	Oil indicating level plate		1
46	GM 23158	Starter operating shaft front bushing		1
47	GM 23157	Starter operating shaft rear bushing		1
48	BM 219	Starter operating shaft rear bushing bolt	5/16"-18x $\frac{3}{4}$ "	1
49	BM 13100	Starter gear cover		1
50	BM 13101	Starter gear cover spring	5/16"-18x1"	1
51	BZ 12275	Starter gear cover spring bolt	$\frac{1}{2}$ "-13x2 $\frac{1}{2}$ "	3
52	BM 4946	Crankcase to generator bolt		3
53	GM 13115	Generator adjusting plug	1"-16x1"	3

OIL FILLER AND LEVEL INDICATOR

...	BM 23707	OIL FILLER AND VENT ASSEMBLY (Includes 23710, 23708 and 23709)		1
54	BM 23710	Oil filler cover		1
55	BM 10972	Oil filler cover spring		1
56	BM 23711	Oil filler cover screw	$\frac{1}{4}$ "-20x1 $\frac{1}{8}$ "	1
57	GM 23708	Vent tube		1
58	GM 23709	Vent tube cover		1
59	GM 14668	Filler tube		1
...	BM 13719	Oil level indicator		1
...	GM 20862	Oil level indicator plate		1
60	BM 13087	Oil level indicator glass		1
61	GM 13084	Oil level indicator tube guide		1
62	BM 16609	Oil level indicator washer—upper		1
63	BM 13088	Oil level indicator washer—lower		1
64	BM 13086	Oil level indicator glass cap		1

CRANKCASE FRONT COVER

65	BM 23645	FRONT COVER COMPLETE (Includes parts 23603 to 13097 inclusive)		1
...	23603	Front cover (Not sold separately)		1
66	GM 24928	Front cover silencer		1
67	GM 24975	Front cover silencer plate		1
68	BM 23625	Front cover camshaft thrust plate		1
69	BM 13097	Front cover felt washer		1
70	BM 23622	Front cover gasket		1
71	BT 395	Front cover bolt	5/16"-18x $\frac{5}{8}$ "	15

MOTOR BOLTS

72	BM 4309	Front motor bolt	$\frac{1}{2}$ "-20x4 $\frac{5}{8}$ " special	2
73	BZ 72	Front motor bolt nut	$\frac{1}{2}$ "-20	2
74	BM 4307	Front motor bolt spring		2
75	BM 4308	Front motor bolt spring seat		2
76	GZ 230	Rear motor bolt	$\frac{1}{2}$ "-20x3" special	4
...	BZ 72	Rear motor bolt nut	$\frac{1}{2}$ "-20	4
77	BM 30451	Front motor support rubber pad		2
78	BM 30452	Rear motor support rubber pad		2

OIL RESERVOIR

79	CM 31244	OIL RESERVOIR ASSEMBLY (less tray)		1
...	CM 31267	OIL RESERVE TRAY ASSEMBLY (less screen)		1
80	BM 70178	Drain plug	$\frac{3}{4}$ " socket type	2
81	BM 13126	Gasket		1
82	BM 8203	Oil reservoir to crankcase screw	$\frac{3}{8}$ "-16x $\frac{5}{8}$ "	30
83	BM 31270	FILTER SCREEN ASSEMBLY		1
84	BM 62376	Baffle		6
85	BM 31273	Oil gauge—reservoir unit		1
...	BM 70434	Screw—gauge to pan		5
...	BM 70528	Screw—wire to gauge		1
...	BM 31263	Oil gauge gasket		1
...	BZ 31261	Oil gauge flange		1

When ordering give letter prefix with symbol number—Example: CX 28960.

CRANKSHAFT AND CAMSHAFT GROUP

Illus. No.	Part No.	Description	Specifications	No. Req.
89	BM 30242	CRANKSHAFT ASSEMBLY (Includes parts to 3433 inclusive)		1
90	GM 30208	Counterweight Nos. 1, 3, 6 and 8		4
91	GM 30209	Counterweight Nos. 2 and 7		2
92	GM 30210	Counterweight Nos. 4 and 5		2
93	BM 30236	Counterweight stud—medium	$\frac{1}{2}$ "-20x3 $\frac{3}{4}$ "	4
...	BM 30237	Counterweight stud—short	$\frac{1}{2}$ "-20x3 $\frac{1}{8}$ "	12
94	BY 3433	Counterweight stud nut	$\frac{1}{2}$ "-20x7/16"	20
95	BM 29896	Starting crank jaw		1
96	BM 29890	Fan pulley—"V" type		1
97	BM 23617	Fan pulley washer		1
98	GZ 636	Fan pulley key	No. 11 Woodruff	1
99	CM 29867	Camshaft		1
100	BM 22301	Thrust washer		1
101	BM 13811	Shim—thin		5
101	BM 8169	Shim—thick		7
102	BM 23619	Thrust button		1
103	BM 23620	Thrust button spring		1
104	BM 23621	Thrust button cup		1
105	BM 23290	Thrust button cup washer		1

FLYWHEEL

106	CM 31119	Flywheel		1
...	BR 70133	Clutch filler plug	$\frac{3}{8}$ " pipe	1
107	BM 24183	Flywheel bolt	$\frac{1}{2}$ "-20x1-13/32"	4
108	BY 3433	Flywheel bolt nut	$\frac{1}{2}$ "-20x7/16"	4

VIBRATION DAMPENER

...	BM 29972	VIBRATION DAMPENER ASSEMBLY		1
109	BM 29891	Inner ring		1
110	BM 29892	Outer ring		1
111	BM 29894	Facing		2
112	BM 29893	Facing plate		1
113	BM 70242	Facing plate cap screw	Flat head $\frac{1}{4}$ "-20x $\frac{3}{4}$ "	3
114	BM 29895	Spring		8

TIMING SPROCKETS AND CHAIN

115	BM 29889	Crankshaft sprocket		1
116	BM 11799	Crankshaft sprocket key	Woodruff No. "A"	1
117	BM 23607	Camshaft sprocket		1
118	BM 70006	Camshaft sprocket screw	$\frac{3}{8}$ "-16x $\frac{7}{8}$ "	3
119	BM 23608	Water pump shaft sprocket		1
120	BM 23627	Drive chain		1

CRANKSHAFT BEARINGS

121	GM 30202	Front bearing cap		1
122	GM 30203	Front middle bearing cap		1
123	GM 30204	Rear middle bearing cap		1
124	GM 30336	Rear bearing cap		1
...	BM 13569	Front and rear bearing cap packing		7
...	BM 30206	Middle bearing plate		2
125	BM 30576	Front bearing—upper		1
126	BM 30577	Front bearing—lower		1
127	BM 30578	Front middle bearing—upper		1
128	BM 30579	Front middle bearing—lower		1
129	BM 30580	Rear middle bearing—upper		1
130	BM 30581	Rear middle bearing—lower		1
131	BM 30582	Rear bearing—upper		1
132	BM 30583	Rear bearing—lower		1
133	BM 2335	Bearing screw		8
134	BM 30800	Front bearing shim	.002" thick	4
134	BM 30801	Front bearing shim	.005" thick	2
134	BM 30802	Front bearing shim	.0325" thick	8
...	BM 30803	Middle bearing shim	.002" thick	8
...	BM 30804	Middle bearing shim	.005" thick	4
...	BM 30805	Middle bearing shim	.0325" thick	16
...	BM 30806	Rear bearing shim	.002" thick	4
...	BM 30807	Rear bearing shim	.005" thick	2
...	BM 30808	Rear bearing shim	.0325" thick	8

When ordering give letter prefix with symbol number—Example: CX 28960.

CAMSHAFT BEARINGS

Illus. No.	Part No.	Description	Specifications	No. Req.
135	BM 13033	Front bearing		1
...	GM 12411	Front bearing dowel pin	$\frac{1}{4}$ " x $\frac{7}{8}$ "	1
136	BM 23927	Front middle bearing		1
137	BM 23929	Rear middle bearing		1
138	BM 13036	Rear bearing		1
...	BM 12237	Front and rear middle bearing dowel pin	$\frac{1}{4}$ " x $1\frac{1}{16}$ "	2
...	GO 12356	Rear bearing dowel pin	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	1

INTAKE MANIFOLD

139	BM 31069	Intake manifold		1
140	BM 31070	Intake manifold gasket		1
141	BM 29921	Intake manifold to riser gasket		1
142	GZ 394	Intake manifold cap screw	$\frac{3}{8}$ "-16x $1\frac{1}{4}$ "	2
143	BM 70241	Intake manifold cap screw	$\frac{5}{16}$ "-18x3"	4
144	GO 12214	Intake manifold elbow	$\frac{3}{8}$ " pipe x $7\frac{1}{16}$ "-20	1
145	BM 29952	Damper control lever—inner		1
146	BM 29954	Damper control lever—outer		1
147	BM 29953	Damper control shaft		1
...	GZ 4505	Taper pin	No. 00x $\frac{3}{8}$ "	2

EXHAUST MANIFOLD

148	CM 31216	Exhaust manifold		1
...	BM 29910	Gasket—single		2
...	BM 29909	Gasket—double		2
...	BM 70239	Stud	$\frac{3}{8}$ "-16x $1\frac{5}{8}$ "	2
...	BM 70247	Stud nut	$\frac{3}{8}$ "-16x $\frac{3}{8}$ " Brass	3
...	GZ 7115	Manifold to damper body bolt		3
...	BM 70247	Manifold to damper body bolt nut		3
149	BM 22296	Packing		1
150	BM 8228	Packing nut		1
...	BM 29922	Riser gasket		1
152	BM 29363	Damper gasket		1
...	BM 29929	Outlet tube		1
...	BM 29931	Outlet tube packing		2
155	BM 29930	Outlet tube packing nut		2
NOTE: The exhaust damper assembly and all its parts will be serviced directly through the Marvel Carburetor Company, Flint, Michigan.				
...	BM 29364	Damper operating rod		1
...	BZ 5771	Adjustable yoke	$\frac{3}{16}$ "	1
...	BZ 5825	Clevis pin	$\frac{3}{16}$ "x $1\frac{1}{16}$ "	2
...	BZ 12799	Nut	No. 10-32x $\frac{1}{8}$ "	1

VALVES

157	BM 29094	Inlet valve		6
...	BM 29021	Inlet valve stem guide		6
158	BM 29338	Inlet valve spring—outside		6
159	BM 29339	Inlet valve spring—inside		6
160	BM 29034	Inlet valve spring seat		6
161	BM 29903	Exhaust valve		6
...	BM 29902	Exhaust valve stem guide		6
162	BM 29985	Exhaust valve spring		6
163	BM 13043	Exhaust valve spring seat		6
164	BM 29341	Valve spring seat retainer		12

VALVE TAPPET

...	BM 29946	VALVE TAPPET AND GUIDE ASSEMBLY		12
165	BM 29884	Tappet		12
...	BM 29883	Tappet guide		12
166	BM 29885	Roller		12
167	BM 25856	Roller pin		12
168	BM 26537	Adjusting screw		12
169	BM 23204	Adjusting screw nut		12
170	BM 60099	Adjusting screw plate		12
171	BM 29882	Guide locating washer		6
...	BM 13050	Guide clamp		6

ROCKER ARM AND PUSH ROD

172	BM 31057	Rocker arm		6
173	BM 31058	Rocker arm bracket—R. H.		3
...	BM 31059	Rocker arm bracket—L. H.		3
174	BM 50105	Hyatt roller bearing		6
175	BM 29018	Pivot		6
176	BR 3488	Pivot nut	$\frac{7}{16}$ "-20x $2\frac{9}{64}$ "	6
177	BM 29019	Pivot washer		6

When ordering give letter prefix with symbol number—Example: CX 28960.

ROCKER ARM AND PUSH ROD (Continued)

Illus. No.	Part No.	Description	Specifications	No. Req.
178	BM 29037	Silencing spring		6
179	BM 29038	Silencing spring cup		6
180	CY 553	Silencing spring cup bolt	$\frac{1}{4}$ "-20x $\frac{3}{8}$ "	6
181	BM 51759	Oiler		6
182	BY 18164	Oiler nut	$\frac{3}{8}$ "-24x $\frac{1}{16}$ "	6
183	BM 29912	Push rod		6
...	BM 29905	Push rod guide—upper		6
...	BM 29906	Push rod guide—lower		6

PISTON

184	BM 29937	Piston		6
185	BM 22702	Piston pin (Furnished in standard; also .002", .005", .010", .015" and .020" oversize)		6
186	BM 22706	Piston ring (Furnished in standard; also .005", .010", .015" and .020" oversize)		6
187	BM 29517	Piston ring—oil regulating (Furnished in standard; also .005", .010", .015" and .020" oversize)		12
188	BM 28207	Piston pin lock ring		12

NOTE: When ordering pistons, be certain to supply cylinder size, which will be found stamped on the exterior of the cylinder under the cylinder side plate. Also piston weight, which will be found stamped on top of each piston. When possible, place orders with your Hudson and Essex dealer.

CONNECTING ROD

189	BM 30563	Connecting rod complete—R. H. (For cylinders 1-3-5)		3
...	BM 30564	Connecting rod complete—L. H. (For cylinders 2-4-6)		3
190	BM 30570	Connecting rod dipper		6
191	BM 30565	Connecting rod bolt		12
192	BM 30566	Connecting rod bolt nut		12
193	BM 30569	Connecting rod shim	.002" thick	24
...	BM 30568	Connecting rod shim	.005" thick	12
...	BM 30567	Connecting rod shim	.0325" thick	48
194	BM 30573	Connecting rod bushing—upper end		6

ADJUSTING ECCENTRIC AND WATER PUMP GROUP

195	BM 23609	ADJUSTING ECCENTRIC ASSEMBLY		1
...	23712	Eccentric body (Not sold separately)		1
196	BM 27436	Eccentric body gasket		1
197	BM 23714	Eccentric body bushing		1
198	BM 3637	Eccentric body bushing dowel pin	$\frac{1}{8}$ "x $\frac{3}{8}$ "	1
199	BM 23713	Eccentric		1
200	GO 18318	Eccentric bolt	$\frac{1}{4}$ "-20x $\frac{1}{4}$ "	3
201	BM 30319	Water pump drive shaft		1
202	BM 23702	Water pump drive shaft thrust washer		1
203	BM 18183	Water pump drive shaft thrust washer screw	No. 8-32x $\frac{3}{8}$ "	3
204	BM 23703	Water pump sprocket thrust washer		1
205	BM 18194	Water pump sprocket thrust washer dowel pin	$\frac{1}{8}$ "x7/16"	1
206	BM 23701	Water pump sprocket thrust washer spring		3
207	BM 23629	Floating coupling		1
208	BM 23628	Stationary coupling		1
209	BZ 115	Stationary coupling key	Woodruff No. 9	1
...	BM 16327	Stationary coupling pin	3/16"x1 $\frac{1}{8}$ "	1
211	BM 21438	Generator coupling		1
212	BM 25116	Generator coupling clamp		4
213	GO 18228	Generator coupling clamp bolt	$\frac{1}{4}$ "-28x2 $\frac{3}{8}$ "	2
214	BM 794	Generator coupling clamp bolt nut	$\frac{1}{4}$ "-28 x 7/32"	2
215	GM 23162	Generator coupling sleeve		1
...	BZ 115	Generator coupling sleeve key	Woodruff No. 9	1
216	BM 30321	WATER PUMP BODY ASSEMBLY (Includes bushing)		1
217	BM 30294	Water pump body bushing	Front	1
...	BM 3637	Water pump body bushing dowel pin		1
218	BM 271	Water pump body bolt	$\frac{1}{4}$ "-20x1 $\frac{1}{4}$ "	5
219	BM 272	Water pump body bolt nut	$\frac{1}{4}$ "-20x $\frac{1}{4}$ "	5
220	BM 13127	Water pump body to cylinder gasket		1
221	BZ 12275	Water pump body to cylinder bolt	5/16"-18x1"	2
...	BM 70225	Water pump body to cylinder bolt gasket		1
...	GO 18062	Water pump body to crankcase bolt	5/16"-18x1 $\frac{1}{4}$ "	3
223	BM 30322	WATER PUMP COVER ASSEMBLY (Includes bushing)		1
224	BM 30295	Water pump cover bushing	Rear	1
...	BM 3637	Water pump cover bushing dowel pin	$\frac{1}{8}$ "x $\frac{3}{8}$ "	1
225	BM 14041	Water pump cover gasket		1
226	BM 30291	Water pump paddle		1

When ordering give letter prefix with symbol number—Example: CX 28960.

ADJUSTING ECCENTRIC AND WATER PUMP GROUP (Continued)

Illus. No.	Part No.	Description	Specifications	No. Req.
...	BM 12213	Water pump paddle taper pin	No. 3x1 $\frac{3}{8}$ "	1
...	BZ 115	Water pump paddle key	Woodruff No. 9	1
227	BM 18118	Water pump drain cock	$\frac{1}{4}$ " pipe	1
228	BM 18192	Water pump grease cup		1
229	BM 30292	Water pump packing nut—front	1 $\frac{1}{4}$ "-18 tap R.H. thread	1
230	BM 30293	Water pump packing nut—rear	1 $\frac{1}{4}$ "-18 tap L.H. thread	1
231	BM 30296	Water pump packing		2

DISTRIBUTOR DRIVE AND OIL PUMP GROUP

...	BM 23917	DISTRIBUTOR DRIVE SHAFT AND BRACKET ASSEMBLY		1
232	BM 24469	Bracket		1
233	BM 23239	Bracket gasket		1
234	BM 23611	Drive shaft		1
235	BZ 124	Drive shaft nut	$\frac{3}{8}$ "-24x13/32"	2
236	BM 24468	Drive shaft bushing		2
237	BM 4923	Drive shaft key	Woodruff No. 4	1
238	BM 23613	Drive shaft driven gear	21 teeth	1
239	BM 22691	Distributor gasket		1
240	BM 23165	Drive washer		1
241	BM 18158	Drive washer bolt	1 $\frac{1}{4}$ "-28x1 $\frac{1}{2}$ "	1
242	BM 23166	Drive washer bolt lock		1
243	BM 13063	Oil pump drive worm		1
...	BZ 7911	Oil pump drive worm taper pin	No. 00x $\frac{3}{4}$ "	1
245	BM 23652	Oil pump drive gear housing		1
246	BM 13073	Housing stud	5/16"-18x1 $\frac{1}{4}$ "	3
247	BZ 122	Housing stud nut	5/16"-18x5/16"	3
248	BM 304	Housing bolt	$\frac{3}{8}$ "-16x1"	1
249	BR 1308	Housing bolt	$\frac{3}{8}$ "-16x1 $\frac{1}{8}$ "	2
250	BM 30187	Worm wheel	14 teeth	1
251	BM 26586	Worm wheel shim		1
252	BM 29927	Worm wheel bushing		2
253	BM 30189	Worm wheel shaft		1
254	BM 30188	Bearing		1
255	BM 30087	Bearing gasket		1
255	BM 30665	Bearing shim		1
256	BM 219	Bearing bolt	5/16"-18x $\frac{3}{4}$ "	2

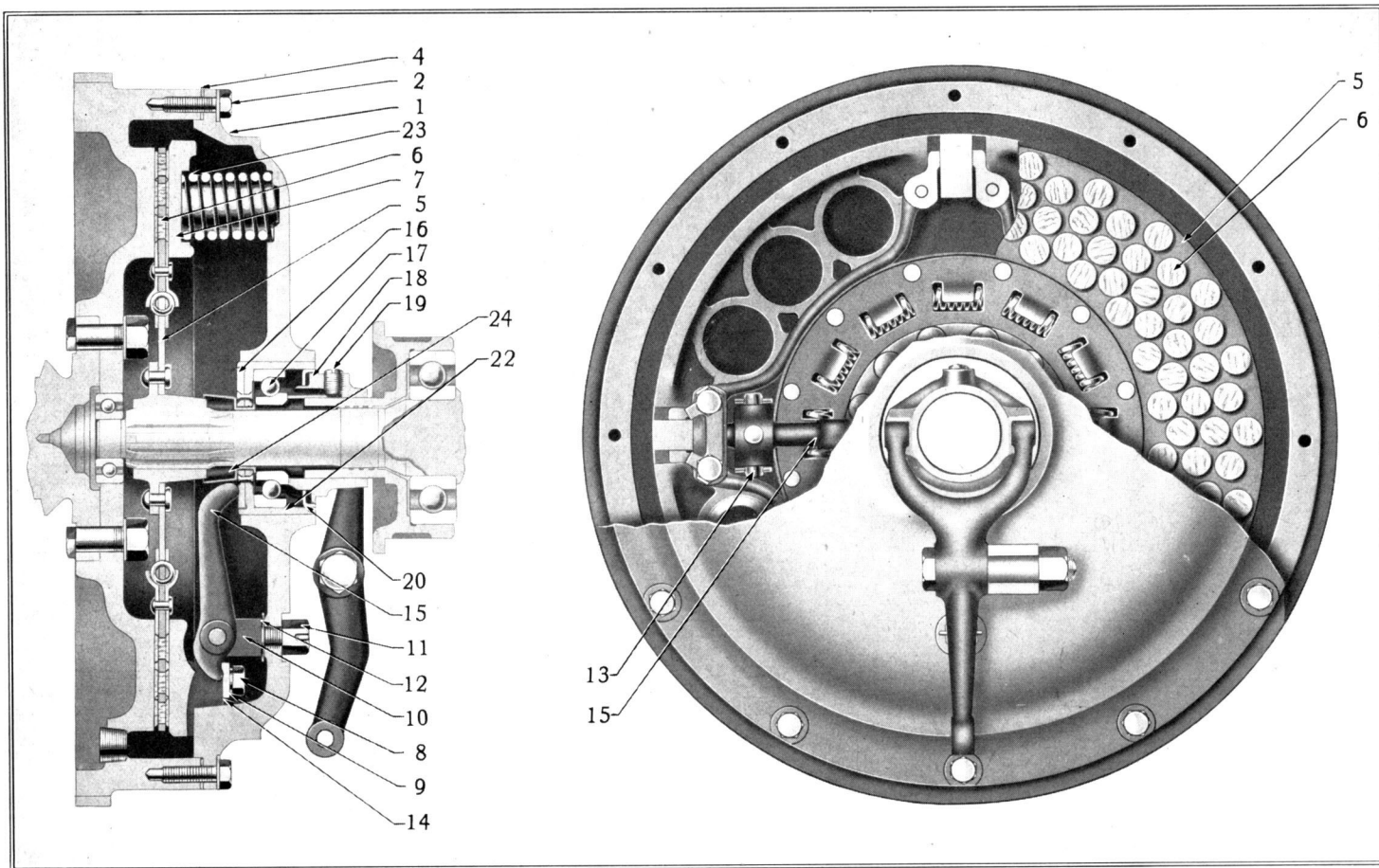
OIL PUMP

...	BM 30248	OIL PUMP AND PLUNGER ASSEMBLY		1
257	BM 29923	Oil pump body		1
258	BM 13072	Body gasket		1
259	BM 30084	Oil pump oil deflector		1
260	BM 120	Body pipe plug	$\frac{1}{8}$ "	1
261	BM 101	Steel ball	$\frac{3}{8}$ "	1
262	BM 30199	Main plunger		1
263	BM 29925	Main plunger spring		1
264	BM 20442	Distributor plunger		1
265	BM 19959	Distributor plunger spring		1
266	GM 19960	Distributor plunger plug		1
267	BM 6791	Distributor plunger plug gasket		1
268	BM 30247	Inlet connection		1
269	BM 18379	Inlet connection gasket		1
270	BM 28331	Bowl		1
271	BM 70285	Steel ball	1 $\frac{1}{2}$ "	1

OIL PIPES AND FITTINGS

272	BM 29879	Filter to crankcase pipe assembly		1
273	BM 5655	Clamp		1
274	BM 13077	Union	$\frac{1}{2}$ "-20 and $\frac{3}{8}$ "-18	1
275	GM 22433	Clip		1
...	BO 18138	Clip screw	No. 10-32x $\frac{5}{8}$ "	1
276	BM 31393	Oil pump to crankcase pipe assembly		1
277	BM 11828	Union nut	5/16"	2
278	GO 18197	Clip	5/16"	1
279	BM 11829	Elbow	$\frac{1}{8}$ " pipe and $\frac{1}{2}$ "-20	1
280	BM 30023	Oil pump to union pipe assembly		1
...	BM 12116	Elbow	$\frac{1}{8}$ " pipe and 7/16"-20	1
...	BM 30024	Union to gauge pipe assembly		1
281	BM 11842	Oil pump to union and union to gauge pipes union nut	$\frac{1}{4}$ "	4
282	BO 12112	Oil pump to union and union to gauge pipes union	$\frac{1}{4}$ " double	1
283	GO 12214	Elbow—oil pump to union tube		1

When ordering give letter prefix with symbol number—Example: CX 28960.



Clutch Assembly

MUFFLER AND EXHAUST PIPE

Illus. No.	Part No.	Description	Specifications	No. Req.
	A 31529	MUFFLER ASSEMBLY		1
	CM 31001	Exhaust pipe		1
	BM 13826	Exhaust pipe covering		2
	BM 2397	Exhaust pipe covering strap		3
	BZ 16498	Exhaust pipe clamp		1
	CM 30114	Tail pipe		1
	BZ 16499	Tail pipe clamp		1
	BM 219	Exhaust and tail pipe clamp bolt	5/16"-18x3/4"	4
	BZ 12275	Exhaust and tail pipe clamp bolt	5/16"-18x1"	2
	BZ 122	Exhaust and tail pipe clamp bolt nut	5/16"-18x5/16"	6
	BM 30115	Tail pipe clip—front		1
	BM 18062	Tail pipe clip bolt	5/16"-18x1 1/4"	1
	BZ 122	Tail pipe clip bolt nut	5/16"-18x5/16"	1
	BZ 54709	Tail pipe clip (Attaches to gas tank strap)		1
	BZ 54710	Tail pipe clip cap		1
	BZ 12275	Tail pipe clip cap bolt	5/16"-18x1"	1
	BZ 122	Tail pipe clip cap bolt nut	5/16"-18x5/16"	1

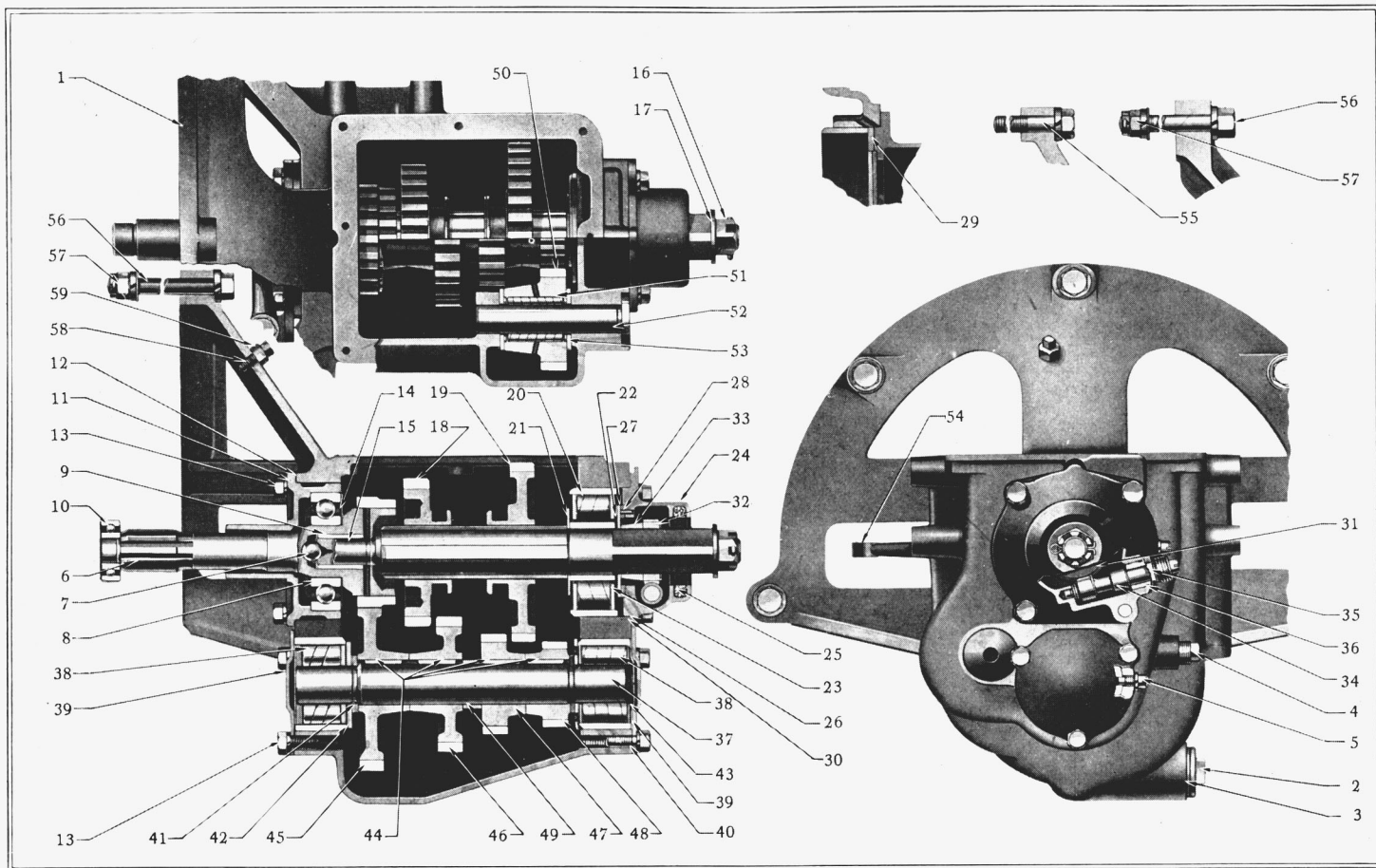
CLUTCH

	BR 31115	CLUTCH ASSEMBLY		1
1	BR 31120	Cover		1
2	BZ 908	Cover bolt	5/16"-18x3/4"	8
4	BR 31133	Cover gasket		1
5	BR 31159	DRIVING PLATE ASSEMBLY		1
6	BR 598	Driving plate cork		144
7	BR 31121	Pressure plate		1
8	BM 219	Pressure plate cap screw	5/16"-18x3/4"	8
9	BR 29523	Pressure plate cap screw lock plate		4
10	BR 31132	Toggle bracket		4
11	BM 18404	Toggle bracket nut	7/16"-20x17/32"	4
12	BR 62282	Toggle bracket gasket		4
13	BR 62288	Toggle arm pin		4
14	BR 62289	Toggle arm lock plate		4
15	BR 31131	Shifter finger		1
16	BR 31128	Shifter plate		2
	BR 70490	Rivet	1/4"x11/32"	1
17	BR 18224	Thrust bearing		1
18	BR 31221	THRUST BEARING RETAINER ASSEMBLY		1
19	BZ 9773	Thrust bearing retainer pipe plug	1/8" headless	1
20	BR 31129	Thrust bearing retainer washer		1
22	BR 31117	SHIFTING SLEEVE ASSEMBLY		12
23	BR 29359	Main spring		1
24	BR 30899	Oil deflector		1

TRANSMISSION

	CT 31228	TRANSMISSION ASSEMBLY	4-5/12 to 1 R.A. ratio	1
	CT 31230	TRANSMISSION ASSEMBLY	4-1/13 to 1 R.A. ratio	1
1	CT 31086	Transmission case		1
	BT 22812	Case cover gasket		1
2	BS 9956	Case drain plug	1/4"-20	1
3	BS 9957	Case drain plug gasket		1
4	BZ 2346	Case oil level pipe plug	3/8" extension head	1
5	BT 10848	Case bearings lock screw		3
6	BT 29371	Main shaft drive gear		1
7	BT 57	Main shaft drive gear steel ball	5/8"	1
8	BT 70136	Main shaft drive gear outer ball bearing	N. D. 1308	1
9	BT 29373	Main shaft drive gear inner bushing		1
10	BT 70138	Main shaft drive gear pilot ball bearing	N. D. 1204	1
11	BT 31134	Front bearing cap		1
12	BT 22807	Front bearing cap gasket		1
13	BM 304	Front bearing cap screw	3/8"-16x1"	4
15	BT 29372	Main shaft		1
16	CT 3014	Main shaft nut	3/4"-16x9/16" slotted head	1
17	BT 2751	Main shaft nut washer		1
18	BT 16348	Main shaft high and intermediate gear	25 teeth	1
19	BT 9809	Main shaft low and reverse gear	31 teeth	1
20	BT 9838	Main shaft rear bearing		1
21	BT 9831	Main shaft rear bearing front steel washer		1
22	BT 9832	Main shaft rear bearing rear steel washer		1
23	BT 10977	Main shaft rear bearing shim—thin	.010" thick, square hole	1
23	BT 10976	Main shaft rear bearing shim—thick	.020" thick, square hole	1
	GT 30860	REAR BEARING CAP ASSEMBLY	4-5/12 to 1 ratio	1

When ordering give letter prefix with symbol number—Example: CX 28960.



Transmission Assembly

TRANSMISSION (Continued)

Illus. No.	Part No.	Description	Specifications	No. Req.
	GT 30861	REAR BEARING CAP ASSEMBLY	4-1/13 to 1 ratio	1
24	BT 22745	Rear bearing cap		1
25	BT 6457	Rear bearing cap felt washer		1
26	BT 9828	Rear bearing cap gasket		1
	BM 304	Rear bearing cap screw	3/8"-16x1"	3
27	BT 9833	Rear bearing cap bronze washer		1
28	BT 10965	Rear bearing cap bronze washer dowel pin	1/8"-5/16"	1
29	BT 10964	Rear bearing cap oil guide		1
	CZ 3874	Rear bearing cap oil guide rivet	Button head 1/8"x5/8"	2
30	BT 9820	Rear bearing cap shim	.005"	1
30	BT 9821	Rear bearing cap shim	.010"	1
30	BT 9822	Rear bearing cap shim	.016"	1
	BT 29079	Speedometer drive gear	4-1/13 to 1 R. A. ratio	1
31	BT 29842	Speedometer drive gear	4-5/12 to 1 R. A. ratio	1
32	GO 23071	Speedometer drive gear washer		1
33	BT 22942	Speedometer drive gear spacer		1
	BT 29078	Speedometer drive pinion	4-1/13 to 1 R. A. ratio	1
34	BT 29841	Speedometer drive pinion	4-5/12 to 1 R. A. ratio	1
35	BT 23871	Speedometer drive pinion sleeve		1
36	BT 22753	Speedometer drive pinion shim		1
37	BT 9805	Countershaft		1
38	BT 9837	Countershaft bearing		2
39	GT 9826	Countershaft bearing cap		2
40	BT 9827	Countershaft bearing cap gasket		2
	BM 304	Countershaft bearing cap bolt	3/8"-16x1"	6
41	BT 10171	Countershaft bronze washer		2
42	BT 10170	Countershaft steel washer		1
43	BT 10684	Countershaft shim—rear end	.005"	1
43	BT 10683	Countershaft shim—rear end	.010"	1
43	BT 10682	Countershaft shim—rear end	.016"	1
44	BT 396	Countershaft gear key	Woodruff No. 18	4
45	BT 16349	Countershaft drive gear	30 teeth	1
46	BT 16350	Countershaft second gear	23 teeth	1
47	BT 355	Countershaft low gear	17 teeth	1
48	BT 9812	Countershaft reverse gear	14 teeth	1
49	GT 357	Countershaft gear spacing collar		1
50	BT 9811	Reverse idler gear		1
51	BT 7476	Reverse idler gear bearing		1
52	BT 9806	Reverse idler gear shaft		1
53	BT 24523	Reverse idler gear thrust washer		1
	BT 31143	CLUTCH THROWOUT YOKE ASSEMBLY		1
	BT 24473	Clutch throwout yoke bushing	1 1/2"-20x2 3/4"	1
	BT 24472	Clutch throwout yoke bolt	1 1/2"-20x7/16"	1
	BY 3433	Clutch throwout yoke bolt nut	1 1/2"-13x2 1/4"	2
55	BM 113	Transmission to crankcase bolt	1 1/2"-20x3-9/16"	2
56	BT 70487	Transmission to crankcase shoulder bolt	1 1/2"-20x9/16"	3
57	BZ 72	Transmission to crankcase bolt nut	5/16"-14x3/4"	1
58	BO 18161	Starter pedal stop set screw	5/16"-18x5/16"	1
59	BZ 122	Starter pedal stop set screw nut		1

CONTROL LEVERS

	BS 31044	CONTROL LEVER ASSEMBLY		1
1	BS 24981	Gear shift lever		1
2	BS 24980	Gear shift lever key		1
3	BS 22840	Gear shift lever pin		1
4	BS 22838	Gear shift lever spring		1
5	BS 22839	Gear shift lever spring seat		1
6	BS 22842	Gear shift lever cover	No. 2x1"	1
7	BS 3037	Gear shift lever cover taper pin		1
8	BS 30053	Gear shift lever cover silencer		1
9	BS 22841	Gear shift lever ball cup		1
10	BS 22837	Gear shift lever felt washer		1
11	BS 29170	Gear shift lever ball		1
12	BS 30092	Gear shift lever housing		1
13	BS 22844	Gear shift lever housing gasket		1
14	BM 219	Gear shift lever housing bolt	5/16"-18x3/4"	4
15	BS 29073	TRANSMISSION CASE COVER		1
16	BZ 12275	Transmission case cover cap screw	5/16"-18x1"	8
	GO 18096	Transmission case cover clevis pin	3/16"x1 1/2"	1
17	BS 22852	Second and high gear shifting shaft		1
18	BS 22851	Low and reverse gear shifting shaft		1
19	BS 22853	Shifting shafts lock		2
20	BM 306	Shifting shafts lock ball	9/16"	2
21	BS 22858	Shifting shafts lock ball spring		2
22	BS 22859	Shifting shafts lock ball spring cap	3/4"-16 thread	2

When ordering give letter prefix with symbol number—Example: CX 28960.

