

National

PARTS PRICE LIST

E. L. Consover

SIX CYLINDER

SERIES AF

TWELVE CYLINDER

SERIES AK

1916

In ordering parts
follow instructions
on page three :: ::

- AF 6 Cylinder Engine Parts - Pages 19-23
- AK 12 Cylinder Engine Parts - Pages 24-29
- AF3 6 Cylinder Engine Parts - Pages 30-35

National Motor Car & Vehicle Corporation
INDIANAPOLIS, INDIANA

THE ORDERING PART
OF THE INSTRUCTIONS
TO THE JURY

At the Court of Sessions for the County of Middlesex
this 12th day of June 1854
I, the Clerk of the said Court, do hereby certify that the
above is a true and correct copy of the original

Witness my hand and the seal of the said Court
at London this 12th day of June 1854

INSTRUCTIONS

In ordering Repair Parts always give the following information:

The model of your car together with the car number, which is located under the left hand front fender. If parts are right and left hand, specify side wanted; if to be painted, specify color. Order all parts on our "Parts Order" form and give full information as to what is wanted. If in doubt as to the correct designation of the part desired, send a sketch of it, giving dimensions.

If parts are returned, use "Parts Returned" form, following carefully the instructions printed thereon. Tag each part with your name and address and enclose in the package one copy of the "Parts Returned" form, mail one of the other copies to us and keep one for your file. Prepay all return charges as we will refuse to accept any parts not fully prepaid.

Follow the above instructions to the letter in order to avoid delay and assure the prompt handling of your orders. In preparing this price list, we have not listed standard bolts, nuts, screws, cotter pins, etc., as they can be secured anywhere and save shipping charges.

We ship all parts F. O. B. Indianapolis, Ind. Terms are net, cash with order or C. O. D. Where the cost of the goods does not amount to \$1.00, cash or stamps must positively accompany the order. Unless cash is sent with order in such cases, it only delays matters by necessitating our writing for remittance. We do not open accounts except with our authorized distributors. No order will be entered for less than 25 cents.

All prices are subject to change without notice.

National Motor Car & Vehicle Corporation,
Indianapolis, Ind.

FRONT WHEELS.

	Part number	Price each
Front wheels with Firestone felloe bands, without tires and bearings. (Specify rims and size of tires) -----	1F or K	\$ 26 40
Inside front wheel bearing (Bock No. 418) -----	2F or K	9 24
Outside front wheel bearing (Bock No. 235) -----	3F or K	5 81
Nut for spindle of knuckles -----	4F or K	20
Washer for spindle of knuckle -----	7F or K	13
Felt dust washer -----	8F or K	26
Felt dust washer retainers, thick and thin -----	9F or K	13
Front hub dust cap -----	10F or K	99
Flange for front wheel hubs -----	11F or K	1 32
Hubs for front wheels -----	12F or K	8 58
Bolts for holding spokes to hub -----		07

REAR WHEELS.

	Part number	Price each
Rear wheels with Firestone felloe bands, without tires and bearings. (Specify rims and size of tires) -----	13F or K	\$ 33 00
Rear wheel bearings (Bock No. 375) -----	14F or K	10 56
Felt dust washer -----	15F or K	26
Felt dust washer outer retainer -----	17F or K	13
Felt dust washer inner retainer -----	18F or K	13
Felt dust washer retainer lock wire -----	19F or K	13
Rear hub caps -----	20F or K	99
Rear hub gaskets -----	21F or K	13
Lock nuts for rear wheels -----	22F or K	46
Rear wheel lock nut washer -----	23F or K	13
Rear wheel hubs -----	24F or K	9 90
Brake drums -----	25F or K	6 60
Brake drum bolts -----	27F or K	13
Rear hub bolts with nuts -----	28F or K	13
Rear hub bolt locks (steel stamping) -----	29F or K	13
Rear hub bolt cap nuts -----	30F or K	20

SPRINGS AND CONNECTIONS.

	Part number	Price each
Front springs -----	31F or K	\$ 11 22
Bracket for rear end front spring -----	32F or K	1 65
Links for front springs -----	33F or K	79
Rebound clips complete (front) -----	34F or K	33
Spring bolts, rear end front springs -----	35F or K	79
Front spring rear bolt grease cup cap -----	37F or K	46
Front spring front bolt grease cup cap -----	38F or K	46
Front spring grease cup lock washer -----	39F or K	07
Front spring clips -----	40F or K	66
Front spring seat pad (leather) -----	41F or K	13
Sheet steel clip holder for front spring -----	42F or K	20
Rear cantilever spring -----	43F or K	24 42
Cantilever spring bracket (front end spring) -----	45F or K	1 65
Cantilever spring bracket bolt -----	47F or K	83
Cantilever spring bracket shackle -----	48F or K	2 31

SPRINGS AND CONNECTIONS—Continued.

	Part number	Price each
Cantilever spring bracket shackle bushing -----	49F or K	\$ 0 66
Cantilever spring bracket shackle bolt (with grease cup) -----	50F or K	1 10
Cantilever spring hanger (center of spring) -----	51F or K	4 62
Cantilever spring hanger washer -----	52F or K	07
Cantilever spring hanger nut -----	53F or K	26
Cantilever spring hanger spring seat -----	54F or K	2 64
Rear axle spring pad bolt -----	55F or K	13
Cantilever spring clips with nuts -----	57F or K	1 52
Rebound clips complete, cantilever springs -----	58F or K	33
Cantilever spring center plate -----	59F or K	99
Rear Spring seat pad (leather) -----	70F or K	13
Grease cup for cantilever spring hanger spring seat	71F or K	66
Lower front shock absorber bracket, R. H. or L. H.	72F or K	1 65
Upper front shock absorber bracket, R. H. or L. H.	73F or K	1 65
Shock absorber, R. H. or L. H., with brackets -----	74F or K	10 56

FRONT SYSTEM.

	Part number	Price each
Front axle complete, with steering knuckles and cross connecting rod -----	75F or K	\$ 60 50
Front axle center I-beam, forging only (machined)	77F or K	29 70
Right steering knuckle, complete with arm -----	78F or K	8 53
Right steering knuckle arm with nut -----	79F or K	2 97
Left steering knuckle, complete with arm -----	80F or K	11 66
Left steering knuckle arm with nut -----	81F or K	5 61
Steering arm bushings -----	82F or K	33
Steering arm nut -----	83F or K	20
Steering arm Woodruff key (No. 13) -----	84F or K	07
Steering arm ball -----	85F or K	66
Steering arm ball castle nut -----	87F or K	13
R. H. steering knuckle only -----	88F or K	6 05
L. H. steering knuckle only -----	89F or K	6 05
King bolt through steering knuckle -----	90F or K	1 32
King bolt upper bushing -----	91F or K	79
King bolt lower bushing -----	92F or K	99
King bolt taper pin -----	93F or K	07
King bolt steel dust washer -----	94F or K	07
Steering knuckle thrust ball bearing, complete --	95F or K	1 32
Steering knuckle thrust ball bearing, upper race--	97F or K	66
Steering knuckle thrust ball bearing, lower race--	98F or K	66
$\frac{5}{16}$ " balls for steering knuckle thrust bearing-----	99F or K	02
Steering knuckle felt washer -----	100F or K	20
Steering knuckle felt washer retainer -----	101F or K	20
Grease cup for king bolt -----	102F or K	66
Cross connecting tube, complete with yoke ends--	103F or K	6 60
Cross connecting tube -----	104F or K	3 30
Cross connecting tube yoke -----	105F or K	1 32
Cross connecting tube clamp bolt with nut -----	107F or K	13
Cross connecting tube bolt with nut (through steering arm) -----	108F or K	99
Cross connecting tube bolt grease cup -----	109F or K	66
Ball rod for steering chuck to axle, complete-----	110F or K	4 95
Slotted adjusting screws, in ball rod ends-----	111F or K	66
Ball sockets in ball rod ends -----	112F or K	79
Spring in ball rod ends -----	113F or K	28

REAR SYSTEM

	Part number	Price each
Highway Six rear axle complete, including housing, cover, differential support, spring supports, brake supports, internal and external brakes, inner axles, wheel nuts, differential driving gears, driving shaft with bearings and adjusting sleeve, universal joint companion flange----	114F	\$275 00
Highway Twelve rear axle complete, including housing, cover, differential support, spring supports, brake supports, internal and external brakes, inner axles, wheel nuts, differential driving gears, driving shaft with bearings and adjusting sleeve, universal joint companion flange.	312K	275 00
Rear axle outside only, including housing, cover, differential support, brake supports -----	115F or K	110 00
Rear spring supports on axle, with bolts-----	117F or K	3 96
Spring support bolts, with nuts -----	118F or K	17
Pressed steel housing, with riveted parts-----	119F or K	58 30
Spring support stop rings -----	121F or K	60
Differential carrier complete with gears for Highway Six, bearings and universal joint companion flange assembled -----	122F	165 00
Differential carrier complete with gears, for Highway Twelve, bearings and universal joint companion flange assembled -----	313K	165 00
Differential carrier with bearing caps and studs--	123F or K	32 18
Differential bearing cap studs with nuts -----	127F or K	26
Differential bearing adjuster -----	128F or K	99
Differential bearing adjuster lock -----	129F or K	07
Differential bearing adjuster lock screws -----	183F or K	07
Differential carrier inspection plug -----	130F or K	26
Differential carrier short cap screws and lock washers -----	131F or K	07
Differential carrier long cap screws and lock washers -----	132F or K	20
Differential carrier thin head cap screws and lock washers -----	133F or K	07
Cover for axle housing -----	134F or K	1 32
Differential carrier grease filler plug -----	135F or K	13
Housing cover oil level plug -----	137F or K	13
Housing cover gasket -----	138F or K	13
Differential carrier gasket -----	139F or K	13
Cap screws and lock washers for housing cover--	140F or K	07
Pinion shaft bearing adjuster -----	141F or K	1 98
Pinion shaft felt retainer -----	142F or K	1 12
Pinion shaft dust washer (felt) -----	143F or K	20
Pinion shaft outer bearing adjusting nut -----	144F or K	26
Pinion shaft outer bearing lock nut -----	145F or K	26
Pinion shaft outer bearing lock nut lock washer--	147F or K	07
Pinion shaft bearing adjuster lock cover -----	148F or K	26
Pinion shaft bearing adjuster cover cap screw ---	149F or K	07
Pinion shaft bearing adjuster cover gasket -----	150F or K	07
Pinion shaft bearing adjuster clamp bolt and nut.	151F or K	20
Pinion shaft outer bearing spacer -----	152F or K	33
Pinion drive shaft -----	153F	6 60
Pinion drive shaft end nut -----	154F	20
Pinion drive shaft outer bearing (Bock No. 335)--	155F or K	8 42
Pinion drive shaft inner bearing (Bock No. 417)--	157F or K	9 24
Universal joint hex. nut -----	158F or K	33
Inner axle with driving flange -----	159F or K	12 98
Inner axle only. (Give diameter)-----	170F or K	8 69
Driving flange for inner axle -----	171F or K	4 29
Bushings for torsion rod bolt -----	172F or K	99

DIFFERENTIAL DRIVING GEARS.

	Part number	Price each
Differential complete without driving gears ----	173F or K	\$ 46 09
Differential case without internal gears and pinions	174F or K	16 94
L. H. differential case for driving gear-----	175F or K	9 24
R. H. differential case (opposite driving gear)-----	177F or K	7 70
Bolt and nut for differential case-----	178F or K	13
Bevel gear inside of differential -----	179F or K	7 92
Bevel pinion inside of differential -----	180F or K	4 13
Spider for bevel pinions inside of differential-----	181F or K	4 40
Bearings on differential (Bock No. 375)-----	182F or K	10 56
Large bevel gear. Give car number, also number of teeth on both gear and pinion-----	184F or K	26 40
Bevel driving pinion. Give car number, also num- ber of teeth on both gear and pinion (without shaft) -----	185F	13 20
Bevel drive pinion. Give car number, also num- ber of teeth on both gear and pinion (integral with shaft) -----	185K	27 72
Driving gear rivets -----	189F or K	07
Bevel drive pinion key -----	190F or K	13

DRIVING SHAFT AND TORSION ROD.

	Part number	Price each
Drive shaft with both universal joints and com- panion flanges -----	191F	\$ 46 20
Drive shaft -----	192F	23 10
Universal joint flanged hub (trans. end) -----	193F	3 96
Universal joint flanged hub (axle end) -----	194F	3 96
Universal joint body -----	195F	3 63
Universal joint yoke (trans. end) -----	197F	5 28
Universal joint cross -----	199F	1 72
Universal joint cross bushing -----	200F	40
Universal joint cross bushing lockwire -----	201F	13
Universal joint casing (inside) -----	202F	1 06
Universal joint casing (outside) -----	203F	1 06
Universal joint casing oil plug -----	204F	13
Universal joint casing packing -----	205F	26
Universal joint lock ring -----	207F	73
Universal joint dust cap -----	208F	92
Universal joint dust cap steel washer -----	209F	20
Universal joint dust cap felt washer -----	210F	20
Drive shaft with both universal joints and com- panion flanges -----	1701K	50 60
Drive shaft -----	1702K	25 30
Universal joint flanged hub (trans. end) -----	1703K	4 68
Universal joint flanged hub (axle end) -----	1704K	4 68
Universal joint body -----	1705K	3 85
Universal joint yoke (trans. end) -----	1706K	6 05
Universal joint cross -----	1708K	1 85
Universal joint cross bushing -----	1709K	40
Universal joint cross bushing lockwire -----	1710K	13
Universal joint casing (inside) -----	1711K	1 21
Universal joint casing (outside) -----	1712K	1 21
Universal joint casing oil plug -----	1713K	13
Universal joint casing packing -----	1714K	26
Universal joint lock ring -----	1715K	1 05
Universal joint dust cap -----	1717K	1 27
Universal joint dust cap steel washer -----	1718K	20
Universal joint dust cap felt washer -----	1719K	28
Torsion rod with front and rear ends riveted in---	211F or K	13 20
Torsion rod rear yoke -----	212F or K	4 95
Torsion rod rear yoke bolt -----	213F or K	1 65

DRIVE SHAFT AND TORSION ROD

—Continued.

	Part number	Price each
Torsion rod rear yoke bolt nut -----	214F or K	\$ 0 13
Torsion rod front end forging -----	215F or K	1 65
Torsion rod hanger completely assembled -----	217F or K	4 62
Torsion rod hanger tube -----	218F or K	3 30
Torsion rod hanger tube swivel bearing bushing--	219F or K	66
Torsion rod hanger upper ball socket -----	220F or K	40
Torsion rod hanger lower ball socket -----	221F or K	40
Torsion rod hanger spring -----	222F or K	26
Torsion rod hanger slotted spring adjusting nut--	223F or K	66
Torsion rod hanger bracket -----	224F or K	1 12
Torsion rod hanger bracket bolt with nut -----	225F or K	66

BRAKES.

	Part number	Price each
Brake carrier on axle tubing-----	227F or K	\$ 2 97
R. H. brake lever bracket on axle housing-----	228F or K	79
L. H. brake lever bracket on axle housing-----	229F or K	79
Brake hand supporting pin bracket -----	230F or K	79
Brake shaft support -----	231F or K	86
Brake dust shield only -----	232F or K	1 65
Brake shaft support grease cup -----	233F or K	66
Brake lever keys -----	234F or K	07
Internal brake bands complete with lining, end clips and anchor clip -----	235F or K	5 28
Lining for internal brake bands -----	237F or K	2 64
Internal brake spring -----	238F or K	13
Internal brake supporting bracket or anchor clip--	239F or K	46
Internal brake end clips -----	240F or K	40
Internal brake cam washers -----	242F or K	07
Internal brake lever -----	244F or K	59
Internal brake lever bolt and nut -----	245F or K	20
Internal brake cam shaft -----	247F or K	1 65
Internal brake band supporting pin with nut ----	248F or K	26
Internal and external brake anchor clip -----	249F or K	46
Internal and external brake anchor clip pin ----	250F or K	20
Internal and external brake anchor clip spacer --	251F or K	13
External brake band complete, with lining, anchor and end clips -----	252F or K	5 94
Lining for external brake band -----	253F or K	3 30
External brake supporting bracket or anchor clip--	254F or K	46
External brake upper clip -----	255F or K	59
External brake lower clip -----	257F or K	26
External brake contracting lever -----	258F or K	99
External brake contracting lever spring -----	259F or K	13
External brake tension rod -----	270F or K	59
External brake tension rod clevis pin -----	271F or K	13
External brake tension rod clip washer -----	272F or K	07
External brake tension rod adjusting nut -----	273F or K	40
External brake tension rod spring -----	274F or K	07
External brake tension rod stop with nut -----	275F or K	13
External brake tension rod stop nut -----	277F or K	13
External brake tension rod stop washer -----	279F or K	07
External brake clip clevis pin -----	280F or K	13
External brake contracting link -----	281F or K	86
External brake contracting link clevis pin -----	282F or K	13
External brake lever connecting tube with two levers assembled -----	283F or K	2 18
External brake connecting tube -----	284F or K	99
External brake lever inside -----	285F or K	59
External brake lever outside (next to brake sup- port) -----	287F or K	59
External brake lever stop pin -----	288F or K	13
External brake connecting tube bushing -----	289F or K	26
External brake supporting pin with nut -----	290F or K	20

BRAKE RODS.

	Part number	Price each
Intermediate foot brake rod with turnbuckle ----	291F or K	\$ 1 98
Intermediate hand brake rod -----	292F or K	1 85
Intermediate foot brake rod long end, L. H. thread	293F or K	79
Intermediate foot brake rod short end, R. H. thread	294F or K	53
Side rods for internal hand brake with turnbuckle	295F or K	1 78
Side rods for external foot brake -----	297F or K	1 78
Side rods for internal hand brake, L. H. thread---	298F or K	53
Side rods for internal hand brake, R. H. thread---	299F or K	53
Turnbuckle for brake rods -----	300F or K	66
Brake shaft complete with brackets -----	301F or K	11 22
Outside brake shaft tubing with levers-----	302F or K	5 28
Inside brake shaft tubing with levers-----	303F or K	4 62
Brake shaft bracket -----	304F or K	66
Equalizing link complete, rods, cross bar and clevis pins -----	305F or K	2 64
Cross bar for equalizing link -----	307F or K	40
Equalizing link rods -----	308F or K	99
Clevis pins, diameter -----	309F or K	13
Spiral springs for equalizing levers -----	310F or K	13
Chain for equalizing levers -----	311F or K	33

CLUTCH AND CONRTOLO.

	Part number	Price each
Clutch throwout yoke -----	320F or K	\$ 4 95
Clutch throwout yoke lock screw -----	321F or K	07
Clutch throwout shaft (short) -----	323F or K	79
Clutch toggle lever shaft -----	324F or K	79
Clutch throwout yoke spring -----	F or K	13
Clutch throwout yoke collar -----	F or K	2 20
Clutch lever adjuster -----	325F or K	1 32
Pedal shaft bracket -----	326F or K	1 65
Pedal shaft collar -----	327F or K	13
Clutch lever -----	328F or K	2 64
Foot brake lever -----	329F or K	2 64
Clutch foot pedal with flat spring -----	330F or K	66
Brake foot pedal with flat spring -----	331F or K	66
Rubber pedal pad -----	332F or K	44
Rubber pedal pad retainer -----	333F or K	22
Clutch leather plunger -----	334F or K	28
Clutch leather plunger nut -----	368F or K	07
Clutch leather plunger spring -----	335F or K	07
Clutch leather plunger cap -----	336F or K	06
Clutch spring stud bushing -----	338F or K	20
Clutch brake plunger -----	339F or K	20
Clutch brake spring -----	340F or K	33
Clutch brake retainer -----	341F or K	66
Clutch brake retainer lock nut -----	342F or K	07
Cone clutch complete with clutch hub and large thrust bearing -----	343F or K	39 60
Clutch cone with leather and springs under leather	346F or K	26 40

CLUTCH AND CONTROL—Continued.

	Part number	Price each
Clutch leather -----	347F or K	\$ 5 28
Clutch hub -----	348F or K	3 30
Clutch hub nut -----	349F or K	1 12
Clutch hub ball thrust bearing complete -----	350F or K	4 29
Clutch hub bolt with nuts -----	351F or K	40
Clutch pilot -----	352F or K	3 30
Clutch pilot nut -----	353F or K	79
Clutch pilot nut lock -----	354F or K	03
Clutch pilot ball thrust bearing complete -----	355F or K	3 63
Clutch spring spider -----	356F or K	2 64
Clutch spring -----	357F or K	33
Washer for clutch spring -----	358F or K	13
Fibre washer for large thrust bearing retainer -----	362F or K	20
Clutch spring stud with nut -----	364F or K	53
Clutch spring adjusting nut -----	365F or K	26
Clutch shaft ball bearing in flywheel (No. 205) -----	366F or K	6 93
Clutch shaft bracket spacer -----	367F or K	20

STEERING AND STEERING CHUCK.

	Part number	Price each
Steering post complete with chuck, anchor bracket, wheel and spark and throttle levers ----- (State whether for Touring, Toy or Roadster.)	425F or K	\$ 56 10
Steering chuck complete -----	426F or K	26 40
Steering gear case -----	427F or K	6 60
Steering gear case cover -----	428F or K	99
Anchor bracket -----	429F or K	1 98
Worm -----	430F or K	4 62
Worm gear -----	440F or K	9 24
Steering ball arm with bolt and nut -----	441F or K	2 97
Adjusting screw -----	442F or K	1 65
Ball races (plain) -----	443F or K	66
Ball races (saucer) -----	444F or K	66
Ball retainers (loaded) -----	445F or K	66
Column jacket bushing -----	446F or K	33
Adjusting screw bushing -----	447F or K	1 06
Worm house bushing -----	447F or K	79
Housing bushing (short) -----	449F or K	1 06
Housing bushing (long) -----	450F or K	1 06
Worm wheel grease cup No. 0, 1/8" Winkley -----	451F or K	66
Column spark gear -----	452F or K	66
Column throttle gear -----	453F or K	66
Secondary spark gear -----	454F or K	66
Secondary throttle gear -----	455F or K	66
Secondary bracket -----	456F or K	79
Spark lever, on steering wheel -----	457F or K	1 32
Throttle lever, on steering wheel -----	458F or K	1 32
Spark and throttle control bracket -----	459F or K	2 64
Steering wheel -----	460F or K	10 50
Horn push button -----	461F or K	1 32

STEERING AND STEERING CHUCK—Continued.

	Part number	Price each
Horn push. button wire -----	461F or K	\$ 53
Secondary spark lever -----	462F or K	66
Secondary throttle lever -----	463F or K	66
Worm wheel thrust washer -----	464F or K	46
Stationary tube buffer -----	465F or K	33
Throttle tube buffer -----	466F or K	33
Secondary spark tube with bushing -----	467F or K	40
Secondary throttle rod -----	469F or K	40
Steering tube with bushing -----	471F or K	3 63
Column jacket -----	472F or K	3 30
Stationary tube, 3/4" diameter, with bushing -----	473F or K	2 38
Column spark tube -----	474F or K	2 38
Column throttle tube -----	475F or K	2 38
Adjustment clamp bolts -----	476F or K	13
Housing bolt -----	477F or K	13
Worm key -----	478F or K	13
Anchor bracket clamp screw -----	480F or K	22
Steering post support to instrument board. (Specify model) -----	481F or K	1 98
Ball rod. (See front axle) -----	482F or K	4 95

SPARK AND THROTTLE CONTROL DETAIL. Highway Six.

	Part number	Price each
Throttle foot pedal -----	490F	\$ 1 32
Throttle foot pedal button -----	491F	33
Throttle foot pedal shouldered screw -----	492F	33
Throttle foot pedal clevis -----	493F	46
Throttle foot pedal clevis pin -----	494F	13
Rods complete from steering gear and foot pedal to carburetor bell crank -----	495F	1 65
Spiral spring for carburetor rod -----	496F	13
Spark control shaft complete -----	497F	2 31
Spark control shaft bracket -----	498F	90
Spark control shaft levers. (State how long) -----	499F	66
Rod complete steering gear to spark shaft -----	500F	86
Rod complete magneto to spark shaft -----	501F	73
Ball connectors -----	502F	33
Rocker shaft -----	503F	39
Throttle foot pedal bracket -----	504F	50

SPARK AND THROTTLE CONTROL DETAIL. Highway Twelve.

	Part number	Price each
Throttle foot pedal -----	510K	\$ 1 32
Throttle foot pedal button -----	511K	33
Throttle foot pedal shouldered screw -----	512K	33
Throttle foot pedal clevis -----	513K	46
Throttle foot pedal clevis pin -----	514K	13
Rod from foot pedal to throttle shaft lever -----	515K	99
Rod from steering gear to throttle shaft lever -----	516K	79
Rod from steering gear to spark shaft lever -----	517K	86
Yoke slide for throttle rod -----	518K	26
Spark and throttle shaft assembly with bracket and levers -----	519K	6 93
Throttle shaft bracket with cap -----	520K	2 40
Throttle shaft tube -----	521K	50
Spark shaft rod -----	523K	28
Throttle shaft levers. (State how long) -----	525K	66
Spark shaft levers. (State how long) -----	526K	66
Rod from throttle shaft to carburetor -----	527K	92
Spiral spring for carburetor rod -----	528K	13
Rod from spark shaft to distributor -----	529K	53
Ball connectors -----	530K	33
Throttle spring fastener -----	531K	13
Throttle foot pedal bracket -----	532K	50

TRANSMISSION.

	Part number	Price each
Transmission complete with levers -----	538F	\$264 00
Transmission case only, iron -----	539F	44 00
Transmission complete with levers -----	540K	275 00
Transmission case only, aluminum -----	541K	66 00
Transmission case plug -----	542F or K	26
Transmission case cover -----	543F or K	14 85
Transmission case cover cap screw -----	544F or K	13
Transmission case cover hand hole plate -----	545F or K	79
Transmission case cover hand hole plate thumb screw -----	546F or K	20
Clutch hand hole cover -----	547F or K	1 32
Clutch hand hole cover thumb screws -----	549F or K	20
Pull rod (low and reverse speeds) -----	550F or K	1 32
Pull rod (high and intermediate speeds) -----	551F or K	1 32
Pull rod interlocking pin -----	552F or K	20
Pull rod locking poppet -----	553F or K	33
Pull rod locking poppet cover -----	554F or K	79
Pull rod end -----	555F or K	1 19
Pull rod end spring -----	556F or K	40
Shifting fork -----	557F or K	3 50
Shifting fork taper pin -----	558F or K	07
Hand control lever -----	559F or K	6 60
Hand control lever ball grip -----	560F or K	66
Control lever housing cap -----	561F or K	1 98
Control lever housing cap cover -----	562F or K	79
Pull rod box -----	563F or K	14 85
Clutch shaft and main drive gear (integral) -----	564F or K	19 80
Main drive gear ball bearing (No. 210) -----	565F or K	13 20
Main drive gear retainer -----	566F or K	2 64
Main drive gear retainer cap screws -----	567F or K	13
Main drive gear retainer packing -----	568F or K	26
Main drive gear retainer packing nut -----	569F or K	66
Main drive gear thrust button -----	570F or K	79
Main drive shaft -----	571F or K	15 84
Main drive shaft roller bearing (Hyatt No. 16828) -----	572F or K	4 62
Main drive shaft ball bearing (No. 307) -----	573F or K	12 54
Main drive shaft retainer -----	574F or K	2 64
Main drive shaft ball bearing adapter -----	625F or K	1 19
Main drive shaft ball bearing cap screws -----	575F or K	13
Main drive shaft packing -----	576F or K	26
Main drive shaft packing nut -----	577F or K	66
Main drive shaft nut -----	579F or K	66
Sliding gear—Low and reverse -----	580F or K	15 84
Sliding gear—Direct and intermediate -----	581F or K	15 84
Countershaft drive gear—Meshes with main drive gear -----	582F or K	11 88
Countershaft gear key -----	583F or K	26
Countershaft intermediate gear -----	584F or K	11 88
Countershaft low speed gear -----	586F or K	6 60
Countershaft reverse gear -----	588F or K	11 22
Spacer between countershaft intermediate and low speed gear -----	590F or K	53
Spacer between countershaft low speed and re- verse gear -----	591F or K	66
Spacer between countershaft drive gear and bear- ing -----	592F or K	53
Spacer between countershaft drive gear and inter- mediate gear -----	593F or K	66
Spacer between countershaft reverse gear and bearing -----	594F or K	66
Idler gear—Reverse -----	595F or K	11 88
Idler pin -----	596F or K	1 58
Idler pin taper pin -----	597F or K	07
Idler gear cover -----	598F or K	40
Idler gear bushing -----	599F or K	1 65

TRANSMISSION—Continued.

	Part number	Price each
Countershaft -----	601F or K	\$ 6 60
Countershaft end plate -----	602F or K	20
Countershaft ball bearing, front (No. 305) -----	603F or K	9 11
Countershaft ball bearing, rear (No. 306) -----	604F or K	10 69
Countershaft ball bearing retainer cap—same for front and rear -----	605F or K	99
Countershaft ball bearing retainer cap screws ---	606F or K	10
Hand brake lever assembled with latch -----	607F or K	7 92
Hand brake lever only -----	608F or K	6 60
Hand brake lever thumb button -----	609F or K	79
Hand brake lever shaft -----	610F or K	1 58
Hand brake lever shaft pivot screw -----	611F or K	20
Hand brake lever latch spring -----	613F or K	20
Hand brake lever latch cap screw -----	614F or K	13
Hand brake lever latch cap screw nut -----	615F or K	07
Hand brake latch rod -----	616F or K	1 32
Hand brake ratchet -----	617F or K	59
Hand brake ratchet cap screws -----	618F or K	11
Hand brake shaft screw -----	620F or K	20
Hand brake shaft end plate -----	621F or K	66
Speedometer drive gear -----	624F	1 65
Speedometer drive gear -----	625F or K	2 20

TIRE AIR PUMP.

	Part number	Price each
Tire air pump complete with shifting mechanism, and floor connection -----	1252F or K	\$ 19 80
Tire air pump bracket base -----	1253F or K	3 47
Tire air pump crankshaft -----	1254F or K	2 64
Tire air pump cylinder -----	1255F or K	2 48
Tire air pump air nozzle -----	1256F or K	66
Tire air pump intake valve -----	1257F or K	28
Tire air pump outlet valve -----	1258F or K	50
Tire air pump outlet valve guide -----	1259F or K	13
Tire air pump piston -----	1260F or K	1 10
Tire air pump connecting rod -----	1261F or K	83
Tire air pump sliding gear (driven) -----	1262F or K	1 93
Tire air pump shifter lever -----	1263F or K	26
Tire air pump shifter yoke -----	1264F or K	83
Tire air pump piston rings -----	1265F or K	17
Tire air pump connecting rod bushing -----	1266F or K	66
Tire air pump shifter shaft -----	1267F or K	28
Tire air pump shifter rod button -----	1268F or K	28
Tire air pump baffle plate -----	1269F or K	13
Tire air pump wrist pin -----	1270F or K	28
Tire air pump inlet valve spring -----	1271F or K	13
Tire air pump outlet valve spring -----	1272F or K	13
Tire air pump inlet valve washer -----	1273F or K	13
Tire air pump baffle plate felts -----	1274F or K	13
Tire air pump cylinder felts -----	1275F or K	22
Tire air pump crankshaft bushing -----	1276F or K	53
Tire air pump name plate -----	1277F or K	13
Tire air pump name plate screen -----	1278F or K	13
Tire air pump crankshaft thrust washer -----	1280F or K	13
Tire air pump crankshaft thrust ring -----	1281F or K	13
Tire air pump shifter stop pin -----	1282F or K	13
Tire air pump shifter spring -----	1283F or K	13
Tire air pump bracket stud -----	1284F or K	13
Tire air pump bracket stud washer -----	1285F or K	07
Tire air pump air tube assembly -----	1286F or K	1 98
Tire air pump shifter yoke rivet pin -----	1287F or K	13
Tire air pump oiler -----	1288F or K	40
Tire air pump floor plate -----	1289F or K	40

GASOLINE SYSTEM.

	Part number	Price each
Gasoline tank complete with filler, gauge outlet flange and strainer -----	725F or K	\$ 26 40
Gasoline tank gauge complete -----	726F or K	3 30
Gasoline tank filler cap -----	728F or K	66
Gasoline tank drain plug -----	729F or K	66
Gasoline tank drain plug gasket (sheet lead) ----	731F or K	13
Gasoline tank bands -----	732F or K	1 98
Gasoline tank band bolts -----	733F or K	13
Gasoline tank feed pipe strainer -----	735F or K	20
Gasoline vacuum tank (on dash) -----	736F or K	13 20
Gasoline pipes to vacuum tank complete -----	737F	2 97
Gasoline pipes to vacuum tank complete -----	738K	3 30
Gasoline pipes vacuum tank to carburetor -----	739F or K	99
Gasoline pipes vacuum tank to carburetor -----	740K	1 32
Air pipe vacuum tank to carburetor -----	741F	86
Air pipe vacuum tank to inlet manifold -----	742K	1 98
Gasoline tank filler cap screw -----	749F or K	07
Gasoline tank filler cap screw thumb nut -----	750F or K	13
Gasoline tank filler cap screw pin -----	751F or K	07
Gasoline tank filler cap pins -----	752F or K	07

MUFFLER AND CONNECTIONS.

	Part number	Price each
Muffler complete -----	760F	\$ 5 28
Muffler complete -----	761K	4 62
Cut out bell crank on muffler -----	762F or K	20
Cut out bell crank bracket on muffler -----	763F or K	20
Cut out valve -----	764F or K	66
Cut out valve spring -----	765F or K	07
Muffler brackets on frame -----	766F or K	33
Exhaust pipe (steel tube) -----	767F	3 96
Exhaust pipe (steel tube) -----	768K	3 96
Muffler cut out pedal complete on floor -----	770F or K	1 32
Muffler cable -----	775F or K	20
Muffler tail pipe -----	776F or K	1 32
Muffler tail pipe support, R. H. or L. H. -----	777F or K	26
Muffler front head, with cut out -----	F	1 98
Muffler front head, with cut out -----	K	2 51
Muffler rear head, with cut out -----	F	79
Muffler rear head, with cut out -----	K	86
Muffler shells, per set -----	F	3 30
Muffler shells, per set -----	K	3 30
Muffler tie rod with nuts -----	F or K	26

FRAME.

	Part number	Price each
Pressed steel frame, with parts riveted on, includ- ing fender sockets, front engine arm bracket, spring brackets, step irons and torque bar hang- er bracket -----	785F	\$132 00
Pressed steel frame, with parts riveted on, includ- ing fender sockets, front engine arm bracket, spring brackets, step irons and torque bar hanger bracket -----	786K	132 00
Pressed steel frame (bare) -----	787F	99 00
Pressed steel frame (bare) -----	788K	99 00
Cross member rod between front arms -----	789F or K	1 98
Cross bar tubing between front arms -----	790F or K	1 98
Bumper brackets and bolts -----	791F or K	26
Rubber bumpers -----	792F or K	66
Front Cross-Member of Frame -----	793F or K	2 64
Frame tie rod grease cup -----	F or K	33
Frame tie rod grease cap -----	F or K	46

HOOD AND RADIATOR.

	Part number	Price each
Hood -----	800F	\$ 33 00
Hood -----	801K	33 00
Hood fasteners, front or rear -----	802F or K	99
Hood handles -----	804F or K	40
R. H. hood strip along frame -----	805F	66
R. H. hood strip along frame -----	806K	66
L. H. hood strip along frame -----	807F	66
L. H. hood strip along frame -----	808K	66
Radiator -----	809F	108 00
Radiator -----	810K	108 00
Radiator trunnion brackets -----	811F or K	99
Rod from radiator to dash -----	812F or K	3 30
Top hose from radiator to engine -----	814F	46
Top hose from radiator to thermostat -----	815K	20
Hose from bottom of radiator to pump -----	816F	46
Hose from bottom of radiator to pump -----	817K	46
Hose clamps. (State where used) -----	818F or K	13
Radiator outlet elbow -----	819F	1 32
Radiator outlet elbow -----	820K	1 32
Strainer in radiator filler -----	821F or K	1 32
Radiator filler cap -----	822F or K	2 64
Nut on radiator supporting rod -----	823F or K	07
Drain cock in bottom of radiator -----	824F or K	46

FENDERS AND DUST SHIELDS.

	Part number	Price each
R. H. front fender for all models, with irons -----	835F or K	\$ 13 86
L. H. front fender for all models, with irons -----	836F or K	13 86
R. H. rear fender for 4-passenger Toy, with irons -----	837F or K	9 90
L. H. rear fender for 4-passenger Toy, with irons -----	838F or K	9 90
R. H. rear fender for 7-passenger model, with irons -----	839F or K	9 90
L. H. rear fender for 7-passenger model, with irons -----	840F or K	9 90
R. H. rear fender for Coupe, with irons -----	841F or K	19 80
L. H. rear fender for Coupe, with irons -----	842F or K	19 80
R. H. rear fender for Roadster, with irons -----	843F or K	16 50
L. H. rear fender for Roadster, with irons -----	844F or K	16 50
R. H. rear fender for Sedan, with irons -----	845F or K	16 50
L. H. rear fender for Sedan, with irons -----	846F or K	16 50
R. H. running board splashers -----	847F or K	4 62
L. H. running board splashers -----	849F or K	6 60
Door for grease cup opening in splasher -----	851F or K	33
Radiator splasher -----	852F	2 64
Radiator splasher -----	853K	2 64
Battery splash plate -----	854F or K	72
Door for battery box opening -----	F or K	1 98

ENGINE DUST PANS.

	Part number	Price each
Complete set dust pans -----	860F	\$ 6 88
Complete set dust pans -----	861K	6 88
Dust pan on right side of engine -----	862F	2 97
Dust pan on right side of engine -----	863K	3 30
Dust pan on left side of engine -----	864F	2 97
Dust pan on left side of engine -----	865K	3 30
Dust pan right front -----	866F	79
Dust pan right front -----	867K	53
Front dust pan yoke -----	869F	20
Engine dust pan oil gauge plate -----	870K	26

RUNNING BOARDS AND STEPS.

	Part number	Price each
R. H. running board complete with linoleum covering and edge strip -----	880F	\$ 6 60
R. H. running board complete with linoleum covering and edge strip -----	881K	6 60
L. H. running board complete with linoleum covering and edge strip -----	882F	6 60
L. H. running board complete with linoleum covering and edge strip -----	883K	6 60
Pressed steel step brackets -----	884F or K	1 32
Aluminum edge strip around running boards ----	886F	1 98
Aluminum edge strip around running boards ----	887K	1 98

HIGHWAY SIX—BATTERY BOX AND TOOLS.

	Part number	Price each
Battery box -----	890F	\$ 3 96
Battery box hanger -----	891F	33
Battery box strap -----	892F	26
Battery box bolt -----	893F	07
Battery box stop -----	894F	07
Ignition switch key -----	896F	46
Tool pocket key -----	897F	13
Adjustable S-wrench -----	898F	1 32
Adjustable straight wrench -----	899F	46
Large screw driver -----	900F	33
Small screw driver -----	901F	20
Adjustable pliers -----	902F	99
Large open end wrench -----	903F	99
Small open end wrench -----	904F	66
Oil can -----	905F	99
Auto hammer -----	906F	1 32
Cold chisel -----	907F	59
Punch -----	908F	20
Spark plug wrench and handle -----	909F	1 32
Valve cap wrench -----	910F	66
Dust cap and wheel nut wrench -----	911F	66
1/2x8" steel bar for socket wrench -----	912F	20
Rubber hose and gauge for tire air pump -----	913F	5 28
Auto jack and handle -----	914F	2 31
Tire repair kit -----	915F	5 28
Spanner wrench for exhaust pipe packing nut -----	916F	66
Oil drain plug wrench -----	917F	33

HIGHWAY TWELVE—BATTERY BOX AND TOOLS.

	Part number	Price each
Battery box -----	920K	\$ 3 96
Battery box hanger -----	921K	33
Battery box strap -----	922K	26
Battery box strap bolt -----	923K	07
Ignition switch key -----	924K	66
Tool pocket key -----	925K	13
Adjustable S-wrench -----	926K	1 32
Adjustable straight wrench -----	927K	46
Large screw driver -----	928K	33
Small screw driver -----	929K	20
Adjustable pliers -----	930K	99
Large open end wrench -----	931K	99
Small open end wrench -----	932K	66
Oil can -----	933K	99
Auto hammer -----	934K	1 32
Cold chisel -----	935K	59
Punch -----	936K	20

HIGHWAY TWELVE—BATTERY BOX AND TOOLS—Continued.

	Part number	Price each
Spark plug wrench and handle-----	937K	\$ 1 32
Dust cap and wheel nut wrench-----	939K	66
1/2x1/8" steel bar for socket wrench-----	940K	20
Rubber hose and gauge for tire air pump-----	941K	5 28
Auto jack and handle-----	942K	2 31
Tire repair kit-----	943K	5 28
Valve removing tool-----	944K	1 98
Battery box stop-----	945K	07
Socket wrench for connecting rods-----	946K	49
Distributor adjusting wrench-----	947K	33
Spanner wrench for water pump packing nut-----	948K	55

LAMPS, HORN, SPEEDOMETER, ETC.

	Part number	Price each
Front lamp bracket-----	950F or K	\$ 86
Front lamp complete-----	951F or K	7 59
7-volt 18 C. P. globe for front lamps-----	955F or K	66
7-volt 4 C. P. globe for front lamps-----	956F or K	53
Tail lamp complete-----	957F or K	2 90
7-volt 2 C. P. globe for tail lamp-----	961F or K	53
Dash lamp complete-----	962F or K	1 98
7-volt 2 C. P. globe for dash lamp-----	964F or K	53
Horn complete with bracket-----	965F or K	8 58
Horn complete with bracket-----	966K	8 58
Horn bracket on motor-----	967F	66
Horn bracket on frame-----	968K	66
Roze rail. (Specify model)-----	969F or K	1 98
Foot rail. (Specify model)-----	970F or K	3 30
Speedometer-----	971F or K	55 00
Flexible shaft for speedometer-----	973F or K	3 96
Pinion on flexible shaft for speedometer. (Specify car gear ratio and size of tires)-----	975F	33
Pinion on flexible shaft for speedometer. (Specify car gear ratio and size of tires)-----	976K	33
Speedometer bracket on transmission-----	977F	26
Speedometer bracket on transmission-----	978K	26
Speedometer swivel joint-----	981F or K	3 30
Angle sleeve connection for speedometer shaft (Coupe)-----	982F	66
Speedometer bracket angle bar-----	983F	40
Speedometer bracket angle bar-----	984K	40

BODY PARTS.

	Part number	Price each
Body door hinges-----	991F or K	\$ 1 06
Body door locks, right and left-----	992F or K	1 65
Door lock handle knob-----	993F or K	66
Cushions for divided seat-----	994F or K	14 19
Tonneau cushions (not divided seat)-----	995F or K	28 38
Tonneau carpet-----	996F or K	6 60
Heel plate-----	1000F or K	44
Brake and control lever escutcheon plate-----	1001F or K	83
Door sill scuff plate. (Specify whether for front or rear doors)-----	1003F or K	46
Steering post plates, upper or lower-----	1004F or K	44
Instrument plate only-----	1008F	1 98
Instrument plate only-----	1009K	1 98
Steering post upper plate for Sedan-----	1010F or K	44

TIRE IRONS.

	Part number	Price each
Upper tire iron -----	1030F or K	\$ 7 26
Lower tire iron -----	1031F or K	4 62
Tire iron brace -----	1032F or K	33
Tire iron cross bolt -----	1033F or K	66
Tire iron cross bolt tube -----	1034F or K	99
Tire iron adjusting screw and button -----	1035F or K	86
Tire iron pad lock -----	1037F or K	2 31
Tire iron cap screw -----	1038F or K	33
Tail lamp bracket -----	1039F or K	1 98
Tire iron for wire wheel -----		23 65
Tire iron wood spacer for wire wheel -----		2 31
Tire iron cap for wire wheel -----		2 70
Tail lamp support for wire wheel -----		2 86

HIGHWAY SIX ENGINE.

Give number of engine shown on plate on crankcase.

CRANK CASE.

	Part number	Price each
Crankcase complete, including caps for crank bearings, gear cover and oil pan-----	1046F	\$297 00
Upper half of crankcase, studded, without gear cover -----	1047F	264 00
Oil pan complete -----	1048F	27 50
Oil pan drain plug -----	1316F	11
Oil pan dipper trough -----	1049F	2 20
Oil pan oil baffle -----	1051F	28
Flywheel cover -----	1052F	13 86
Crankshaft front bearing cap -----	1053F	5 61
Crankshaft front bearing, upper -----	1054F	1 98
Crankshaft front bearing, lower -----	1055F	1 98
Crankshaft front bearing liners -----	1056F	26
Crankshaft center bearing cap -----	1057F	3 04
Crankshaft center bearing, upper -----	1058F	1 72
Crankshaft center bearing, lower -----	1059F	1 72
Crankshaft center bearing liners -----	1060F	26
Crankshaft rear bearing cap -----	1061F	5 28
Crankshaft rear bearing, upper -----	1062F	2 11
Crankshaft rear bearing, lower -----	1063F	2 11
Crankshaft rear bearing liners -----	1064F	26
Camshaft front bearing -----	1065F	66
Camshaft middle bearing -----	1066F	66
Camshaft rear bearing -----	1067F	66
Oil pan gasket -----	1068F	26
Flywheel cover bolt -----	1120F	11
Crankshaft bearing stud—short (front and rear bearing) -----	1069F	22
Crankshaft bearing stud—long (front bearing)-----	1070F	33
Crankshaft center bearing stud -----	1071F	22
Crankshaft bearing stud nut -----	1072F	07
Crankshaft rear bearing drain hole plug-----	1073F	06
Water pump driveshaft bushing -----	1075F	3 70
Oil filler or breather cap -----	1076F	40
Oil filler screen assembly -----	1079F	59
Oil filler cover spring -----	1080F	13
Oil filler cover pin -----	1081F	02
Breather cap screw -----	1082F	07
Flywheel timing cover -----	1083F	55
Starter inspection cover -----	1084F	22
Oil indicator assembly -----	1085F	1 85
Oil indicator reinforcing plate -----	1087F	40
Oil indicator stud -----	1088F	06
Oil distributing pipe plug -----	1089F	13
Crankcase timing gear cover -----	1090F	6 60
Crankcase timing gear cover cap screws -----	1091F	09
Crankcase timing gear cover gasket -----	1092F	55
Front engine arm hanger on frame -----	1093F	1 32
Front engine arm bolt and nut -----	1094F	13
Front engine arm bolt spring -----	1095F	22
Rear engine arm bracket -----	1096F	1 52
Rear engine arm bracket bolts and nuts -----	1097F	13

HIGHWAY SIX ENGINE.

CYLINDER.

	Part number	Price each
Cylinder complete with valves, valve caps, cylinder cover and priming cups. (No manifolds included) -----	1098F	\$187 00
Cylinder base with valve stem guides -----	1099F	118 80
Cylinder stud—short -----	1100F	13
Cylinder stud—long -----	1101F	13
Nuts for cylinder studs -----	1102F	03
Cylinder base gasket -----	1105F	26
Fan bracket stud -----	1106F	92
Cylinder cover on top of cylinder -----	1107F	3 70
Cylinder cover gasket -----	1108F	33
Cylinder cover stud -----	1109F	06
Cylinder cover stud nut -----	1110F	04
Cylinder drain hole screen assembly -----	1113F	28
Priming cups -----	1114F	66

PISTONS.

	Part number	Price each
Piston complete with rings and pin -----	1115F	\$ 8 25
Piston, plain -----	1116F	5 28
Piston rings -----	1117F	59
Piston pin -----	1118F	1 06
Piston pin lock screw -----	1119F	13

CRANKSHAFT AND CONNECTING RODS.

	Part number	Price each
Crankshaft, plain -----	1121F	\$ 66 00
Connecting rod complete with bearing and bolts -----	1122F	11 55
Connecting rod forging, machined -----	1123F	5 28
Connecting rod piston pin bushing (upper) -----	1124F	79
Connecting rod bearing bushing—upper half -----	1125F	1 65
Connecting rod bearing bushing—lower half -----	1126F	1 65
Connecting rod bolt -----	1127F	40
Connecting rod bolt lock wire -----	1128F	02
Connecting rod liners -----	1129F	26
Connecting rod liner dowel pin -----	1130F	02
Connecting rod dipper -----	1131F	11
Flywheel—with teeth -----	1132F	29 04
Flywheel bolt -----	1133F	20
Flywheel bolt nut -----	1134F	13
Flywheel pointer -----	1135F	17
Flywheel pointer screw -----	1136F	06
Steel timing gear on crankshaft—56 teeth -----	1137F	5 28

CAMSHAFT AND GEARS.

	Part number	Price each
Camshaft -----	1138F	\$ 22 00
Camshaft gear—60 teeth -----	1139F	3 96
Camshaft gear cap screws -----	1140F	13
Camshaft gear cap screws lock wire -----	1120F	02
Camshaft bearings. (See crankcase parts) -----	1141F	---
Camshaft thrust button -----	1143F	22
Camshaft thrust spring -----	1144F	06
Camshaft thrust washer -----	1145F	06
Camshaft thrust plate -----	1146F	13
Camshaft thrust button retainer -----	1147F	03
Water pump gear—24 teeth -----	1148F	3 70
Water pump gear shaft -----	1149F	2 97
Water pump gear shaft nut -----	1150F	09
Water pump gear shaft collar -----	1151F	53

HIGHWAY SIX ENGINE.

VALVE DETAIL.

	Part number	Price each
Valve -----	1152F	\$ 1 65
Valve stem guide -----	1153F	66
Valve spring -----	1154F	20
Valve spring retainer -----	1155F	13
Valve spring retainer lock -----	1156F	07
Valve spring cover -----	1157F	1 98
Valve spring cover stud -----	1158F	07
Valve spring cover stud nut -----	1159F	13
Valve spring cap -----	1160F	13
Valve push rod -----	1161F	1 32
Valve push rod guide -----	1162F	83
Valve push rod guide crab -----	1163F	33
Valve push rod guide crab liner -----	1164F	02
Valve push rod adjusting screw -----	1165F	13
Valve push rod adjusting screw lock nut -----	1166F	07
Valve cap for spark plug -----	1167F	1 06
Valve cap gasket -----	1168F	07
Valve cap for priming cup -----	1169F	1 06
Valve spring cover gasket -----	1170F	53

WATER PUMP.

	Part number	Price each
Centrifugal water pump complete -----	1171F	\$ 18 48
Centrifugal water pump shaft -----	1172F	2 97
Centrifugal water pump shaft bushing dowel pin -----	1316F	02
Centrifugal water pump body -----	1173F	3 43
Centrifugal water pump cover -----	1175F	3 70
Centrifugal water pump cover bushing -----	1176F	32
Centrifugal water pump impeller -----	1177F	1 32
Centrifugal water pump packing nut—front R. H. thread -----	1178F	33
Centrifugal water pump packing nut—rear L. H. thread -----	1179F	40
Centrifugal water pump packing nut gland—front -----	1180F	28
Centrifugal water pump packing nut gland—rear -----	1181F	28
Drain cock for water pump -----	1182F	53
Large grease cup for water pump -----	1183F	1 06
Cylinder water inlet pipe (brass tubing) -----	1185F	3 30

EXHAUST MANIFOLD.

	Part number	Price each
Exhaust manifold -----	1186F	\$ 13 20
Exhaust manifold gasket—end ports -----	1187F	20
Exhaust manifold gasket—middle ports -----	1188F	40
Exhaust manifold stud -----	1189F	07
Exhaust manifold stud nut -----	1190F	17
Exhaust manifold packing nut -----	1191F	39
Exhaust manifold packing nut gland -----	1192F	17

CARBURETOR.

	Part number	Price each
Rayfield carburetor, Model M3 -----	1193F	\$ 33 00
Carburetor choke with tube on dash -----	1194F	3 96
Carburetor flange gasket -----	1195F	07
Carburetor hot air pipe (flexible tubing) -----	1196F	33
Carburetor hot air elbow -----	1197	66

HIGHWAY SIX ENGINE.

MAGNETO AND PARTS.

	Part number	Price each
Dixie high tension magneto -----	1198F	\$ 79 20
Secondary wire distributing fibre tube -----	1199F	1 89
Secondary wire distributing fibre tube upper bracket -----	1200F	13
Secondary wire distributing fibre tube lower bracket -----	1201F	13
Magneto switch -----	1202F	3 96
Switch key. (See tools) -----	1203F	46
Spark plugs -----	1204F	1 10
Spark plug cables, per set -----	1205F	2 64
Spark plug cable terminals -----	1206F	13
Switch wire terminals, magneto end -----	1207F	07
Magneto coupling, generator end -----	1208F	1 32
Magneto coupling, magneto end -----	1209F	1 65
Magneto coupling leather disc -----	1210F	40
Magneto coupling screw and nut -----	1211F	20
Magneto shaft nut -----	1212F	07
Magneto holding cap screw -----	1213F	07
Rubber covered ignition cable, per foot -----	-----	13

STARTING CRANK PARTS.

	Part number	Price each
Starting crank -----	1215F	\$ 3 30
Starting crank shaft -----	1216F	92
Starting crank shaft cover -----	1217F	88
Starting crank shaft jaw -----	1218F	79
Starting crank shaft jaw pin -----	1219F	06
Starting crank shaft lock spring -----	1220F	06
Starting crank shaft lock spring retainer -----	1221F	07
Starting crank housing -----	1222F	3 43
Starting crank housing screw—long -----	1223F	13
Starting crank housing screw—short -----	1224F	07
Starting crank bushing -----	1225F	2 15
Starting crank bushing dowel pin -----	1226F	06
$\frac{3}{8}$ " Steel ball -----	1227F	02

FAN PARTS.

	Part number	Price each
Fan complete, with hub, shaft bearings and fan lever -----	1228F	\$ 13 20
Fan only -----	1229F	6 34
Fan shaft -----	1230F	3 30
Small fan pulley -----	1231F	2 64
Large (driving) fan pulley on water pump gear shaft -----	1232F	1 98
Fan lever -----	1233F	1 19
Fan lever stud -----	1234F	92
Fan lever clamp bolt -----	1235F	13
Fan shaft bearing cup -----	1236F	1 06
Fan bearing cone -----	1237F	1 58
Fan shaft ball bearing retainer cap -----	1238F	33
Fan shaft ball bearing retainer cap lock -----	1239F	07
Fan shaft ball bearing retainer nut -----	1240F	17
Fan shaft ball bearing retainer washer -----	1241F	11
Fan belt -----	1242F	1 32
Fan bearing retainer (loaded) -----	-----	79

HIGHWAY SIX ENGINE.

OIL PUMP PARTS.

	Part number	Price each
Oil pump complete -----	1243F	\$ 2 64
Oil pump body -----	1244F	1 10
Oil pump plunger -----	1245F	55
Oil pump ball stop pin -----	1246F	03
Oil pump ball stop wire hole plug -----	1247F	01
Oil pump spring -----	1248F	07
Oil pump gasket -----	1249F	04
Oil pump bolt—long -----	1250F	07
Oil pump bolt—short -----	1251F	06

ELECTRIC SELF-STARTER AND LIGHTING GENERATOR.

	Part number	Price each
Starting motor complete with gears and housing--	1290F	\$ 59 40
Starting motor bracket -----	1291F	2 04
Starting motor bracket strap -----	1292F	33
Starting motor bracket cap screws -----	1293F	07
Starting motor brush -----	1294F	53
Starting motor commutator cover -----	1295F	26
Starting motor gear housing -----	1296F	7 59
Starting motor automatic pinion -----	1297F	2 97
Starting motor pinion screw shaft -----	1298F	7 92
Starting motor pinion screw shaft spring -----	1299F	1 06
Lighting generator complete, without coupling--	1300F	66 00
Generator brushes -----	1301F	73
Generator brush screw cap -----	1302F	59
Generator coupling, shaft end -----	1303F	1 65
Generator coupling, generator end -----	1304F	1 32
Generator coupling, leather disc -----	1305F	40
Generator coupling screws and nuts -----	1306F	20
Generator shaft end nut -----	1307F	92
Generator cap screws -----	1308F	13
Ammeter -----	1309F	5 94
Lighting switch -----	1310F	3 96
Starter foot switch -----	1311F	3 96
Storage battery, 6-volt, 95 ampere hours-----	1312F	39 60
Starter cable battery to switch -----	1313F	2 24
Starter cable switch to starter -----	1314F	79
Starter cable battery to ground -----	1315F	66
No. 10 Single lighting cable, per foot -----	-----	08
No. 14 Single lighting cable, per foot -----	-----	07
No. 10 Duplex lighting cable, per foot -----	-----	13
No. 14 Single lighting cable (armored), per foot --	-----	08
No. 1 Stranded starter cable, per foot -----	-----	46

When lighting cables are wanted, specify position and length.

HIGHWAY TWELVE ENGINE.

Give number of engine shown on plate on crank case.

CRANKCASE.	Part number	Price each
Crankcase complete, including caps for crank bearings, gear cover and oil pan -----	1325K	\$343 20
Upper half of crankcase, studded, without gear cover -----	1326K	231 00
Oil pan complete with oil pump -----	1327K	79 20
Oil pan splash plates -----	1328K	46
Crankshaft front bearing cap -----	1329K	3 03
Crankshaft front bearing, upper -----	1330K	2 20
Crankshaft front bearing, lower -----	1331K	2 20
Crankshaft front bearing, laminated shims, R. H. -----	1332K	40
Crankshaft front bearing, laminated shims, L. H. -----	1333K	40
Crankshaft center bearing cap -----	1335K	3 96
Crankshaft center bearing, upper -----	1336K	1 93
Crankshaft center bearing, lower -----	1337K	1 93
Crankshaft center bearing, laminated shims -----	1338K	40
Crankshaft rear bearing cap -----	1339K	4 62
Crankshaft rear bearing, upper -----	1340K	2 20
Crankshaft rear bearing, lower -----	1341K	2 20
Crankshaft rear bearing, laminated shims -----	1342K	46
Camshaft front bearing, R. H. -----	1343K	1 65
Camshaft front bearing, L. H. -----	1344K	1 65
Camshaft center bearing -----	1345K	1 38
Camshaft rear bearing, L. H. -----	1346K	1 06
Camshaft rear bearing, R. H. -----	1347K	1 06
Crankcase gasket, R. H. -----	1348K	33
Crankcase gasket, L. H. -----	1349K	33
Crankshaft front bearing stud and nut -----	1350K	40
Crankshaft main bearing bolt (plain head) -----	1351K	40
Crankshaft main bearing bolt (clearance head) -----	1352K	40
Water pump gear shaft bushing -----	1354K	99
Oil filler tube -----	1355K	1 32
Oil filler cap -----	1356K	1 32
Starting motor inspection cap -----	1357K	26
Flywheel inspection cap -----	1358K	13
Pet cock in side of oil pan -----	1359K	53
Crankcase gear cover -----	1362K	9 90
Crankcase gear cover cap screws -----	1363K	13
Crankcase gear cover gasket -----	1364K	26
Distributor sprocket shaft housing -----	1365K	10 56
Distributor sprocket shaft housing oil retainer -----	1366K	40
Front engine arm hanger on frame -----	1367K	1 32
Front engine arm bolt and nut -----	1368K	13
Rear engine arm bracket -----	1369K	-1 52
Rear engine arm bracket, bolts and nuts -----	1370K	13
Camshaft dipper pan (front) -----	1371K	66
Camshaft dipper pan (rear) -----	1372K	66

HIGHWAY TWELVE ENGINE.

CYLINDER AND PISTONS.

	Part number	Price each
Cylinder complete, with valves, studs and priming cups. (No manifolds included)-----	1373K	\$178 20
Cylinder, bare, with valve stem guides-----	1374K	105 60
Studs for holding cylinder to crankcase (state length) -----	1375K	13
Nuts for Cylinder studs -----	1376K	07
Cylinder base gasket -----	1377K	26
Cylinder head -----	1378K	26. 40
Cylinder head gasket -----	1379K	2 31
Cylinder head studs (state diameter and length)---	1380K	13
Cylinder head stud washers (state size)-----	1381K	03
Cylinder head stud nuts (state size) -----	1382K	07
Secondary wire distributing tube -----	1383K	1 65
Priming cups -----	1384K	66
Cylinder manifold plugs, plain -----	1385K	92
Cylinder manifold plugs, tapped -----	1386K	1 08
Cylinder manifold gasket -----	1369K	07
Secondary wire distributing tube brackets-----	1388K	13
Secondary wire distributing tube elbow -----	1389K	79
Piston complete with rings and pin -----	1390K	6 93
Piston plain -----	1391K	3 30
Piston rings, compression -----	1392K	99
Piston rings, plain -----	1392K	40
Piston pin -----	1393K	66
Piston pin set screw -----	1394K	07

CRANKSHAFT—CONNECTING RODS AND FLYWHEELS.

	Part number	Price each
Crankshaft plain -----	1400K	\$111 10
Connecting rod machined (outside) -----	1403K	10 45
Connecting rod machined (inside) -----	1404K	7 92
Connecting rod piston pin bushing -----	1405K	46
Connecting rod bearing (upper) -----	1406K	1 65
Connecting rod bearing (lower) -----	1407K	1 65
Connecting rod bolt (outside) -----	1408K	26
Connecting rod bolt (inside) -----	1409K	26
Connecting rod bolt nut (outside) -----	1410K	07
Connecting rod bolt nut (inside) -----	1411K	07
Connecting rod shim (inside) -----	1412K	13
Connecting rod dowel pin (outside) -----	1413K	07
Flywheel -----	1414K	29 04
Flywheel bolt -----	1415K	20
Flywheel bolt nut -----	1416K	07
Crankshaft starting pin -----	1418K	07
Steel timing gear on crankshaft—33 teeth -----	1419K	5 28
Crankshaft timing gear nut -----	1420K	59

CAMSHAFT AND GEARS.

	Part number	Price each
Oil pump spiral driving gear-----	1430K	\$ 1 98
Camshaft, R. H. -----	1431K	39 60
Camshaft, L. H. -----	1432K	39 60
Camshaft gear—66 teeth -----	1433K	6 60
Camshaft gear bolt, short -----	1444K	26
Camshaft gear bolt, long -----	1445K	26
Camshaft gear bolt, nuts -----	1446K	07
Camshaft thrust plunger -----	1447K	22
Camshaft thrust plunger spring -----	1448K	03
Camshaft thrust plunger button -----	1449K	40
Water pump gear—22 teeth -----	1450K	2 64
Chain sprocket (driver) -----	1451K	9 90
Silent chain for ignition drive -----	1452K	7 92

HIGHWAY TWELVE ENGINE.

VALVE DETAIL.

	Part number	Price each
Valve -----	1360K	\$ 1 32
Valve guide -----	1461K	66
Valve spring -----	1462K	20
Valve spring cup -----	1463K	13
Valve spring cup retainer -----	1464K	13
Valve push rod -----	1465K	99
Valve push rod guide -----	1466K	99
Valve push rod adjusting screw -----	1467K	20
Valve push rod star lock washer -----	1468K	03
Valve push rod adjusting screw nut -----	1469K	07
Valve cover stud and nut -----	1470K	26
Valve cover plate gasket -----	1471K	26
Valve cover plate, right front and left rear -----	1472K	26
Valve cover plate, right rear and left front -----	1473K	1 98
Valve push rod guide clamp -----	1474K	13

WATER PUMPS.

	Part number	Price each
Centrifugal water pump, complete -----	1480K	\$ 18 48
Centrifugal water pump shaft -----	1481K	2 38
Centrifugal water pump case -----	1482K	8 98
Centrifugal water pump case cover -----	1483K	3 56
Centrifugal water pump rotor -----	1484K	1 72
Centrifugal water pump front packing nut, R. H. thread -----	1485K	1 32
Centrifugal water pump rear packing nut, L. H. thread -----	1486K	1 32
Centrifugal water pump front packing gland -----	1487K	53
Centrifugal water pump rear packing gland -----	1488K	53
Drain cock for water pump -----	1489K	40
Water pump outlet pipe -----	1490K	2 31

EXHAUST MANIFOLD.

	Part number	Price each
Exhaust manifold -----	1495K	\$ 7 92
Exhaust manifold gasket to cylinder, end ports -----	1496K	13
Exhaust manifold gasket (round) -----	1497K	13
Exhaust manifold cap screws, long -----	1498K	13
Exhaust manifold cap screws, short -----	1499K	13
Exhaust manifold cap screws, thin head -----	1500K	13

CARBURETOR.

	Part number	Price each
Carburetor choke with wire -----	1505K	\$ 0 20
Carburetor dash control with tube -----	1506K	3 96
Carburetor flange gasket -----	1507K	07
Rayfield carburetor, Model GL4P -----	1508K	39 60
Inlet manifold -----	1509K	19 80
Inlet manifold gasket -----	1510K	20
Carburetor water pipe to pump -----	1511K	2 31
Inlet manifold water pipe to carburetor -----	1512K	1 32
Carburetor hot air stove -----	1825K	3 30

HIGHWAY TWELVE ENGINE.

DISTRIBUTOR AND PARTS.

	Part number	Price each
Delco distributor complete-----	1520K	\$ 85 80
Spark plugs -----	1521K	1 10
Spark plug cables, per set -----	1522K	4 62
Spark plug cable terminals -----	1523K	13
Delco secondary wiring terminals -----	1524K	33
Delco secondary wiring rubber washers -----	1525K	01
Chain sprocket (driven) -----	1526K	3 03
Chain sprocket shaft -----	1527K	66
Chain sprocket spiral pinion gear -----	1528K	1 98
Distributor vertical drive shaft -----	1529K	1 38
Distributor vertical drive shaft thrust bushing --	1530K	40
Sprocket shaft bearing spacer -----	1531K	13
Distributor sprocket shaft housing end plate ----	1532K	26
Distributor sprocket shaft housing studs -----	1533K	13
Distributor head contact button -----	1827K	08
Distributor rotor contact button -----	1828K	13
Distributor rotor contact button spring -----	1829K	04
Distributor rotor -----	1830K	53
Delco ignition coil -----	1831K	9 90
Distributor head complete, R. H. -----	1534K	3 96
Distributor head complete, L. H. -----	1535K	3 96
Rubber covered ignition cable, per foot-----		13

STARTING CRANK PARTS.

	Part number	Price each
Starting crank -----	1540K	\$ 3 30
Starting crank bracket -----	1542K	2 64
Starting crankshaft and jaw -----	1543K	3 96
Starting crankshaft plunger -----	1544K	26
Starting crankshaft plunger spring -----	1545K	07
Starting crankshaft plunger spring cap -----	1546K	33
Starting crank bracket sleeve -----	1547K	79
Starting crank cover -----	1548K	46

FAN PARTS.

	Part number	Price each
Fan complete with hub, shaft bearings, bracket and grease cup -----	1550K	\$ 13 20
Fan only -----	1551K	6 34
Fan shaft -----	1552K	3 30
Fan shaft bearing cup -----	1553K	1 21
Fan bearing, plain cone -----	1554K	1 58
Fan bearing, adjustable cone -----	1556K	1 58
Fan shaft ball bearing retainer (loaded)-----	1557K	79
Fan belt -----	1558K	1 32
Fan hub and small pulley -----	1559K	4 07
Large (driving) pulley on distributor drive shaft--	1560K	3 03
Fan shaft dust cap -----	1561K	33
Fan post -----	1562K	2 75
Fan post adjusting nut -----	1563K	39
Fan post adjusting nut lock -----	1564K	07
Fan post set screw -----	1565K	20
Fan post key -----	1566K	33
Fan post spacer -----	1567K	28
Fan shaft nut -----	1568K	17

HIGHWAY TWELVE ENGINE.

OIL PUMP PARTS.

	Part number	Price each
Oil pump complete-----	1570K	\$ 7 92
Oil pump body -----	1571K	2 64
Oil pump gear, driver, on shaft -----	1572K	1 98
Oil pump gear, driven -----	1573K	2 64
Oil pump shaft bushing -----	1574K	99
Oil pump drive shaft -----	1575K	99
Oil pump spiral gear, driven -----	1576K	1 98
Oil pump driven gear shaft -----	1577K	33
Oil pump drive shaft end nut -----	1578K	13
Oil pump thrust cap -----	1579K	99
Oil pump circular screen -----	1580K	99
Oil pan screen -----	1581K	26
Oil pump body cover plate -----	1583K	59

OIL PRESSURE CONTROL.

	Part number	Price each
Oil pressure relief valve assembled -----	1585K	\$ 1 65
Oil pressure relief valve body -----	1586K	99
Oil pressure relief valve adjusting screw -----	1587K	33
Oil pressure relief valve adjusting screw nut -----	1588K	13
Oil pressure relief valve spring -----	1589K	07
Oil pressure relief valve ball -----	1590K	07
Oil pressure gauge (on instrument board) -----	1591K	2 64
Oil pressure gauge connecting tube-----	1592K	1 65

ELECTRIC SELF-STARTING AND LIGHTING GENERATOR.

	Part number	Price each
Starter motor complete with gears and housing-----	1600K	\$ 79 20
Starting motor bracket cap screws -----	1601K	07
Starting motor brush -----	1602K	92
Starting motor commutator cover -----	1603K	1 32
Starting motor gear housing -----	1604K	6 60
Starting motor pinion -----	1606K	5 28
Starting motor countershaft assembled, with gear and spring -----	1607K	13 73
Starting motor gear housing bushing for counter- shaft bearing -----	1608K	46
Starting motor automatic pinion -----	1609K	3 76
Lighting generator complete, without coupling-----	1610K	66 00
Generator brushes, main -----	1611K	1 06
Generator brushes, third -----	1611K	66
Generator coupling, shaft end -----	1613K	1 32
Generator coupling, generator end -----	1614K	1 65
Generator coupling leather disc -----	1615K	40
Generator coupling screws and nuts -----	1616K	20
Generator drive shaft -----	1617K	2 84
Generator drive shaft coupling, shaft end -----	1618K	1 32
Generator drive shaft coupling, pump end -----	1619K	1 65
Generator drive shaft coupling leather disc -----	1620K	40
Generator support bracket -----	1621K	1 98
Generator support bracket strap -----	1622K	33
Ammeter -----	1623K	5 94
Lighting switch -----	1624K	13 75
Starter foot switch -----	1625K	5 28
Storage battery, 6-volt, 100 ampere hours-----	1626K	39 60
Starter cable battery to switch -----	1627K	2 24

HIGHWAY TWELVE ENGINE.

ELECTRIC SELF-STARTING AND LIGHTING GENERATOR—Continued.

	Part number	Price each
Starter cable switch to starter-----	1628K	\$ 0 79
Starter cable battery to frame -----	1629K	66
No. 10 Single lighting cable, per foot -----	-----	08
No. 14 Single lighting cable (armored), per foot--	-----	08
No. 10 Duplex lighting cable, per foot -----	-----	13
No. 14 Duplex lighting cable (armored), per foot--	-----	08
No. 1 Stranded starter cable, per foot-----	-----	46

THERMOSTAT AND PARTS.

	Part number	Price each
Thermostat complete -----	K	\$ 13 20
Thermostat case -----	1640K	2 75
Thermostat case gasket -----	1641K	07
Thermostat cover -----	1642K	2 75
Thermostat sylphon -----	1643K	5 28
Thermostat shaft -----	1644K	22
Thermostat shaft nut -----	1645K	20
Thermostat valve -----	1666K	72

SERIES AF3 CARS.

Parts of Series AF3 cars which do not appear in this list should be ordered from the Series AF Parts List.

CRANKCASE.

	Part number	Price each
Crankcase complete, including caps for crank bearings and bearings, with gear cover and oil pan	1851F	\$297 00
Upper half of crankcase, studded, without gear cover	1852F	264 00
Oil pan complete	1853F	27 50
Oil pan drain plug	1316F	11
Oil pan dipper trough	1854F	2 20
Oil pan oil baffle	1855F	28
Flywheel cover	1856F	13 86
Crankshaft front bearing cap	1857F	5 61
Crankshaft front bearing, upper	1858F	1 98
Crankshaft front bearing, lower	1859F	1 98
Crankshaft front bearing liners	1860F	26
Crankshaft center bearing cap	1861F	3 04
Crankshaft center bearing, upper	1862F	1 72
Crankshaft center bearing, lower	1863F	1 72
Crankshaft center bearing liners	1060F	26
Crankshaft rear bearing cap	1864F	5 28
Crankshaft rear bearing, upper	1865F	2 11
Crankshaft rear bearing, lower	1866F	2 11
Crankshaft rear bearing liners	1867F	26
Camshaft front bearing	1868F	1 58
Camshaft middle bearing	1066F	66
Camshaft rear bearing	1869F	1 58
Oil pan gasket	1870F	26
Oil pan oil screen assembly	1871F	1 72
Oil pan screw washer	1872F	01
Oil pan oil screen cover assembly	1873F	1 72
Oil tube to oil pan	1874F	2 64
Oil tube assembly to gear case	1995F	1 65
Oil tube packing	1875F	03
Flywheel cover bolt	1120F	11
Crankshaft bearing stud—short (front and rear bearing)	1069F	22
Crankshaft bearing stud—long (front bearing)	1070F	33
Crankshaft center bearing stud	1071F	22
Crankshaft bearing stud nut	1072F	07
Crankshaft rear bearing drain hole plug	1073F	06
Water pump driveshaft bushing	1075F	3 70
Oil filler or breather cap	1076F	40
Oil filler screen assembly	1079F	59
Oil filler cover spring	1080F	13
Oil filler cover pin	1081F	02
Breather cap screw	1082F	07
Flywheel timing cover	1083F	55
Starter inspection cover	1084F	22
Oil indicator assembly	1876F	1 85
Oil indicator float	1877F	11
Oil indicator reinforcing plate	1087F	40
Oil indicator stud	1088F	06
Oil distributing pipe plug	1089F	13
Crankcase timing gear cover	1090F	6 60
Crankcase timing gear cover cap screw	1091F	09
Crankcase timing gear cover gasket	1092F	55
Front engine arm hanger on frame	1093F	1 32
Front engine arm bolt and nut	1094F	13
Front engine arm bolt spring	1095F	22
Rear engine arm bracket	1096F	1 52
Rear engine arm bracket bolts and nuts	1097F	13

SERIES AF3 CARS.

CYLINDER.

	Part number	Price each
Cylinder complete with valves, valve caps, cylinder cover and priming cups. (No manifolds included.)	1878F	\$187 00
Cylinder base with valve stem guides	1099F	118 80
Cylinder stud—short	1100F	13
Cylinder stud—long	1101F	13
Nuts for cylinder studs	1102F	03
Cylinder base gasket	1105F	26
Fan bracket stud	1106F	92
Cylinder cover on top of cylinder	1107F	3 70
Cylinder cover gasket	1108F	33
Cylinder cover stud	1109F	06
Cylinder cover stud nut	1110F	04
Cylinder drain hole screen assembly	1113F	28
Priming cups	1114F	66
Hot air stove	1879F	1 98
Hot air stove stud	1880F	07

PISTONS.

	Part, number	Price each
Piston complete with rings and pin	1881F	\$ 8 25
Piston, plain	1882F	5 28
Piston rings	1117F	59
Piston pin	1883F	1 06
Piston pin lock screw	1884F	13
Piston pin lock screw nut	1885F	03

CRANKSHAFT AND CONNECTING RODS.

	Part number	Price each
Crankshaft, plain	1886F	\$ 77 00
Crankshaft thrust shim	1887F	02
Crankshaft thrust washer—steel	1888F	64
Crankshaft thrust washer—bronze, front	1889F	58
Crankshaft thrust washer—bronze, rear	1890F	66
Crankshaft thrust washer dowel pin	1891F	02
Connecting rod complete with bearing and bolts	1892F	11 55
Connecting rod forging, machined	1893F	5 28
Connecting rod piston pin bushing—upper	1894F	79
Connecting rod bearing bushing—upper half	1895F	1 65
Connecting rod bearing bushing—lower half	1896F	1 65
Connecting rod bolt	1897F	40
Connecting rod bolt lock wire	1128F	02
Connecting rod liners	1898F	26
Connecting rod liner dowel pin	1130F	02
Connecting rod dipper	1899F	13
Flywheel—with teeth	1900F	29 04
Flywheel bolt	1133F	20
Flywheel bolt nut	1134F	13
Flywheel pointer	1135F	17
Flywheel pointer screw	1136F	06
Steel timing gear on crankshaft—56 teeth	1137F	5 28

SERIES AF3 CARS.

CAMSHAFT AND GEARS.

	Part number	Price each
Camshaft -----	1901F	\$ 22 00
Camshaft gear—72 teeth -----	1139F	3 96
Camshaft gear cap screws-----	1140F	13
Camshaft gear cap screw lock wire-----	1120F	02
Camshaft bearing ,(See crankcase parts.)		
Camshaft thrust button -----	1143F	22
Camshaft thrust spring -----	1144F	06
Camshaft thrust washer -----	1903F	06
Camshaft thrust plate -----	1146F	13
Camshaft thrust button retainer-----	1147F	03
Water pump gear—24 teeth -----	1148F	3 70
Water pump gear shaft -----	1149F	2 97
Water pump gear shaft nut-----	1150F	09
Water pump gear shaft collar-----	1151F	53
Distributor drive gear -----	1904F	1 32

VALVE DETAIL.

	Part number	Price each
Valve -----	1152F	\$ 1 65
Valve stem guide -----	1153F	66
Valve spring -----	1905F	20
Valve spring retainer -----	1155F	13
Valve spring retainer lock -----	1156F	07
Valve spring cover -----	1906F	1 98
Valve spring cover stud -----	1907F	07
Valve spring cover nut -----	1159F	13
Valve spring cap -----	1160F	13
Valve push rod -----	1161F	1 32
Valve push rod guide -----	1162F	83
Valve push rod guide crab -----	1908F	33
Valve push rod guide crab liner -----	1909F	02
Valve push rod adjusting screw -----	1165F	13
Valve push rod adjusting screw lock nut -----	1166F	07
Valve cap for spark plug -----	1167F	1 06
Valve cap gasket -----	1168F	07
Valve cap for priming cup -----	1169F	1 06
Valve spring cover gasket -----	1910F	37

WATER PUMP.

	Part number	Price each
Centrifugal water pump complete -----	1171F	\$ 18 48
Centrifugal water pump shaft -----	1172F	2 97
Centrifugal water pump shaft bushing dowel pin-----	1316F	02
Centrifugal water pump body -----	1173F	3 43
Centrifugal water pump cover -----	1175F	3 70
Centrifugal water pump cover bushing-----	1176F	33
Centrifugal water pump impeller -----	1177F	1 32
Centrifugal water pump packing nut—front R. H. thread -----	1178F	33
Centrifugal water pump packing nut—rear L. H. thread -----	1179F	40
Centrifugal water pump packing nut gland—front	1180F	28
Centrifugal water pump packing nut gland—rear--	1181F	28
Drain cock for water pump -----	1182F	53
Large grease cup for water pump-----	1183F	1 06
Grease cup elbow -----	1911F	22
Cylinder water inlet pipe (brass tubing with flange)	1913F	1 72
Cylinder water inlet pipe gasket-----	1914F	02

SERIES AF3 CARS.

EXHAUST MANIFOLD.

	Part number	Price each
Exhaust manifold -----	1915F	\$ 15 84
Exhaust manifold gasket—small -----	1916F	20
Exhaust manifold gasket—large -----	1925F	62
Exhaust manifold stud—short -----	1189F	07
Exhaust manifold stud nut -----	1190F	17
Exhaust manifold packing nut -----	1191F	39
Exhaust manifold packing nut gland -----	1192F	17
Exhaust manifold stud—long -----	1926F	07

CARBURETOR.

	Part number	Price each
Rayfield carburetor, Model M3 -----	1927F	\$ 33 00
Carburetor choke with tube on dash -----	1194F	3 96
Carburetor flange gasket -----	1195F	07
Carburetor hot air pipe (flexible tubing) -----	1928F	55
Carburetor hot air elbow -----	1929F	66

IGNITION SYSTEM.

	Part number	Price each
Distributor complete with head and rotor -----	1930F	\$ 33 00
Distributor head -----	1932F	2 40
Distributor head terminal nuts -----	1524F	13
Distributor head terminal nut washers -----	1525F	02
Distributor head center button and spring -----	1827F	13
Distributor rotor -----	1830F	53
Distributor rotor contact button and spring -----	1828F	10
Timer contact arm -----	1933F	1 22
Timer contact arm spring -----	1934F	13
Timer contact screw -----	1935F	99
Timer contact screw lock nut -----	1936F	02
Condenser -----	1937F	99
Upper timer oiler -----	1938F	26
Lower timer oiler -----	1939F	53
Lower timer oiler wick and spring -----	1940F	06
Distributor spiral gear -----	1941F	66
Secondary wire fibre tube -----	1942F	1 65
Secondary wire fibre tube elbow -----	1389F	79
Secondary wire fibre tube bracket -----	1943F	13
Lighting and ignition switch -----	1624F	13 75
Lighting and ignition switch key -----	924F	66
Distributor retainer screw -----	1944F	03
Ignition coil -----	1945F	11 00
Ignition coil bracket -----	1946F	20
Ignition coil end nut -----	1947F	07
Ignition coil resistance unit -----	1948F	33

STARTING CRANK PARTS.

	Part number	Price each
Starting crank -----	1215F	\$ 3 30
Starting crank shaft -----	1216F	92
Starting crank shaft cap -----	1949F	53
Starting crank shaft jaw -----	1218F	79
Starting crank shaft jaw pin -----	1219F	06
Starting crank shaft lock spring -----	1220F	06
Starting crank shaft lock spring retainer -----	1221F	07
Starting crank housing wth bushing and sleeve -----	1950F	5 61
Starting crank housing screw—long -----	1223F	13
Starting crank housing screw—short -----	1224F	07
Starting crank bushing -----	1951F	2 15
Starting crank bushing dowel pin -----	1226F	06
Three-eighths inch steel ball -----	1227F	02
Starting crank shaft and housing assembly -----	1952F	8 20
Starting crank housing gasket -----	1953F	03

SERIES AF3 CARS.

FAN PARTS.

	Part number	Price each
Fan complete with hub, shaft bearings and shaft	1954F	\$ 13 20
Fan only -----	1955F	6 34
Fan shaft -----	1956F	3 30
Small fan pulley -----	1957F	4 07
Large (driving) fan pulley on water pump gear shaft -----	1232F	1 98
Fan lever -----	1233F	1 19
Fan lever stud -----	1234F	92
Fan lever clamp bolt -----	1235F	13
Fan shaft bearing cup -----	1958F	1 32
Fan bearing cone—plain -----	1959F	1 32
Fan shaft ball bearing cap -----	1960F	33
Fan shaft ball bearing retainer nut -----	1961F	17
Fan shaft ball bearing retainer washer -----	1962F	11
Fan belt -----	1963F	1 32
Fan bearing cone, adjustable -----	1964F	1 58

OIL PUMP PARTS.

	Part number	Price each
Oil pump complete -----	1243F	\$ 2 64
Oil pump body -----	1244F	1 10
Oil pump plunger -----	1245F	55
Oil pump ball stop pin -----	1246F	03
Oil pump ball stop wire hole plug -----	1247F	01
Oil pump spring -----	1248F	07
Oil pump gasket -----	1249F	04
Oil pump bolt—long -----	1250F	07
Oil pump bolt—short -----	1251F	06

**ELECTRIC SELF-STARTER AND LIGHT-
ING GENERATOR.**

	Part number	Price each
Starting motor complete (first 125 cars) -----	1965F	\$ 85 80
Generator (first 125 cars) -----	1966F	71 28
Generator cradle (first 125 cars) -----	1967F	1 38
Generator cradle (after 125 cars) -----	F	1 38
Generator strap (first 125 cars) -----	1968F	33
Generator strap (after 125 cars) -----	F	33
Starting motor brush (first 125 cars) -----	1969F	1 85
Starting motor gear housing (first 125 cars) -----	1970F	6 93
Starting motor gear housing cap (first 125 cars) -----	1971F	9 24
Starting motor pinion shaft complete (first 125 cars) -----	1972F	13 99
Starting motor pinion shaft spring (first 125 cars) -----	1973F	1 06
Starting motor automatic pinion (first 125 cars) -----	1974F	3 63
Generator brush—thick (first 125 cars) -----	1975F	73
Generator brush—thin (first 125 cars) -----	1976F	66
Starting motor complete (after 125 cars) -----	1977F	71 28
Starting motor gear housing (after 125 cars) -----	1978F	5 68
Starting motor brush (after 125 cars) -----	1979F	1 85
Starting motor pinion shaft complete (after 125 cars) -----	1980F	13 20
Starting motor pinion shaft spring (after 125 cars) -----	1981F	79
Starting motor automatic pinion (after 125 cars) -----	1982F	5 94
Generator (after 125 cars) -----	1983F	66 00
Generator brush—thick (after 125 cars) -----	1984F	73
Generator brush—thin (after 125 cars) -----	1985F	66
Ammeter (all cars) -----	1309F	5 94
Lighting switch (all cars). (See ignition system) -----		13 75
Starting switch (first 125 cars) -----	1986F	3 96
Starting switch (after 125 cars) -----	1987F	3 96

SERIES AF3 CARS.
SPARK AND THROTTLE CONTROL DE-
TAIL.

	Part number	Price each
Throttle foot pedal -----	1988F	\$ 1 32
Rods complete from steering gear and throttle pedal to carburetor -----	1989F	1 65
Spark control shaft complete -----	1990F	2 31
Rod complete from steering gear to spark shaft.---	1991F	86
Rod complete spark shaft to distributor -----	1992F	73

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