

1944	Model L 1¼-inch carburetor complete.....	\$28.00
1945	Air valve cap.....	1.50
1946	Needle valve and retainer spring.....	.10
1947	Air valve seat.....	2.00
1948	Compensating air valve disc	.50
1949	Compensating air valve spring	.10
1950	Cork float	.50
1951	Float valve	.20
1952	Steering column air control complete.....	2.00

STROMBERG CARBURETOR.

1953	Type B-5—1½ inch.....	\$30.00
1954	Auxiliary air valve.....	1.00
1955	High speed spring.....	.15
1956	High speed adjusting nut	.30
1957	Low speed spring	.20
1958	Low speed adjusting nut	.65
1959	Float	1.25
1960	Steering column air control complete.....	2.00
1961	Type C-2—1¼ inch.....	28.00
1962	Auxiliary air valve.....	1.00
1963	High speed spring	.15
1964	High speed adjusting nut	.30
1965	Low speed spring	.20
1966	Low speed adjusting nut	.65
1967	Float	1.25
1968	Steering column air control complete.....	2.00

SPLITDORF MAGNETO — Six Cylinder.

1969	Magneto and coil complete.....	\$110.00
1970	Magneto only	85.00
1971	Coil only	25.00
1972	Magnet screw, short	.05
1973	Magnet screw, long	.05
1974	Magnets, per pair, (3 pair to magneto).....	7.50
1975	Distributor disc with segment.....	1.25
1976	Distributor disc screws, each.....	.05
1977	Carbon brush and spring for distributor block.....	.10
1978	Distributor block with brushes.....	6.00
1979	Breaker bar roller with screw.....	.25
1980	Breaker box gauze brush and spring.....	.10
1981	Breaker box complete.....	7.00
1982	Breaker box cover.....	.75
1983	Breaker bar complete with platinum.....	2.50
1984	Breaker box cover spring.....	.25
1985	Breaker box cover spring pillar.....	.25
1986	Breaker box platinum contact screw and nuts.....	2.00
1987	Armature cam	1.00
1988	Armature cam nut	.15

Always give the car number when ordering parts.

1989	Collector brush holder with brush complete.....	\$1.50
1990	Collector brush and spring only.....	.35

SPLITDORF COIL — Six Cylinder.

1991	Coil complete	\$25.00
1992	Switch key	.10
1993	Brass knurled nuts for all connections, each.....	.05

SPLITDORF MAGNETO — Four Cylinder Double Distributor.

1994	Magneto and coil complete.....	\$110.00
1995	Magneto only	85.00
1996	Coil only	25.00
1997	Magnet Screw, short	.05
1998	Magnet screw, long	.05
1999	Magnets, per pair (2 pair to magneto).....	7.50
2000	Distributor disc with segment (gear end).....	1.25
2001	Distributor disc with segment (collector end).....	1.25
2002	Distributor disc screws, each.....	.05
2003	Carbon brush and spring for distributor block.....	.10
2004	Distributor block with brushes.....	6.00
2005	Breaker bar roller with screws.....	.25
2006	Breaker box gauze brush and spring.....	.10
2007	Breaker box complete	7.00
2008	Breaker box cover	.75
2009	Breaker bar complete with platinum.....	2.50
2010	Breaker box cover spring.....	.25
2011	Breaker box cover spring pillar	.25
2012	Breaker box platinum contact screw and nuts.....	2.00
2013	Armature cam	1.00
2014	Armature cam nut.....	.15
2015	Collector brush holder with brush, complete.....	1.50
2016	Collector brush and spring only.....	.35

SPLITDORF COIL — Four Cylinder Double Distributor.

2017	Coil complete	\$25.00
2018	Switch complete	5.00
2019	Spark gap	.35
2020	Switch key	.10

SPLITDORF MAGNETO — Four Cylinder Single Distributor.

2021	Magneto and coil complete.....	\$105.00
2022	Magneto only	80.00
2023	Coil only	25.00
2024	Magnet screw, short	.05
2025	Magnet screw, long	.05
2026	Magnets per pair (3 pair to magneto).....	7.50
2027	Distributor disc with segment.....	1.25
2028	Distributor disc screws, each.....	.05

Always give the car number when ordering parts.

2029	Carbon brush and spring for distributor block.....	\$0.10
2030	Distributor block with brushes.....	6.00
2031	Breaker bar roller with screw	.25
2032	Breaker box gauze brush and spring.....	.10
2033	Breaker box complete	7.00
2034	Breaker box cover	.75
2035	Breaker bar complete with platinum.....	2.50
2036	Breaker box cover spring	.25
2037	Breaker box cover spring pillar	.25
2038	Breaker box platinum contact screw and nuts.....	2.00
2039	Armature cam	1.00
2040	Armature cam nut	.15
2041	Collector brush holder with brush complete.....	1.50
2042	Collector brush and spring only.....	.35

SPLITDORF COIL — Four Cylinder Single Distributor.

2043	Coil Complete	\$25.00
2044	Switch key	.10
2045	Brass knurled nuts for all connections, each.....	.05

FRONT WHEEL — WOOD — (34 x 4½).

2046	Front wheel, with bearing cups and rim only painted	\$30.50
2047	Front wheel hub only.....	6.00
2048	Front wheel hub flange.....	3.75
2049	Front wheel hub cap.....	1.40
2050	Inner bearing cup	3.00
2051	Outer bearing cup	1.75
2052	Inner dust steel washer.....	.20
2053	Inner dust steel washer screw.....	.05
2054	Inner dust felt washer.....	.10
2055	Inner dust felt washer retaining ring.....	.05
2056	Hub bolt with nuts.....	.10

REAR WHEEL — WOOD — (34 x 4½).

2057	Rear wheel, with brake drum and rim painted.....	\$33.50
2058	Rear wheel hub	8.00
2059	Rear wheel hub flange	3.70
2060	Rear wheel hub cap	1.40
2061	Rear wheel brake drum	5.35
2062	Rear wheel brake drum bolt with nut.....	.10
2063	Rear wheel hub bolt with nut.....	.10

RIMS — (34 x 4½, for Wood Wheels).

2064	Baker demountable, for front or rear wheel.....	\$6.50
2065	Baker removable wedge, outside	.75
2066	Baker removable wedge, inside	.75
2067	Baker wedge bolt	.50

Always give the car number when ordering parts.

ELECTRIC HORN.

2068	Electric horn complete.....	\$8.00
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RUNNING BOARD.

2069	Right board, with linoleum and aluminum binding, for four-cylinder roadster or four-cylinder bear-cat....	\$6.00
2070	Left board, with linoleum and aluminum binding, for four-cylinder roadster or four-cylinder bear-cat....	6.00
2071	Right board, with linoleum and aluminum binding, for six-cylinder touring	6.00
2072	Left board, with linoleum and aluminum binding, for six-cylinder touring	6.00
2073	Right board, with linoleum and aluminum binding, for four-cylinder touring or six-cylinder roadster or six-cylinder bear-cat	6.00
2074	Left board, with linoleum and aluminum binding, for four-cylinder touring or six-cylinder roadster or six-cylinder bear-cat	6.00
2075	Board only, for four-cylinder roadster or four-cylinder bear-cat	.75
2076	Board only, for six-cylinder touring.....	.75
2077	Board only, for four-cylinder touring or six-cylinder roadster or six-cylinder bear-cat.....	.75
2078	Linoleum for four-cylinder roadster or four-cylinder bear-cat	.90
2079	Linoleum for six-cylinder touring.....	.90
2080	Linoleum for four-cylinder touring or six-cylinder roadster or six-cylinder bear-cat.....	.75
2081	Aluminum binding, per foot.....	.20
2082	Board step hanger bolt and nut.....	.10
2083	Board-fender nickeled bolt and nut.....	.15

HOOD.

2084	Hood complete, painted, for four-cylinder car, all models	\$12.00
2085	Hood complete, painted, for six-cylinder car, all models	14.00
2086	Hood fastener and catch complete.....	.75
2087	Hood fastener only.....	.60
2088	Hood fastener catch.....	.15
2089	Hood handle with screws and nuts.....	.40
2090	Hood wood strip assembly, right, for four-cylinder touring or four-cylinder roadster.....	2.00
2091	Hood wood strip assembly, left, for four-cylinder touring or four-cylinder roadster.....	2.00
2092	Hood wood strip assembly, right, for six-cylinder touring or six-cylinder roadster.....	2.00
2093	Hood wood strip assembly, left, for six-cylinder touring or six-cylinder roadster.....	2.00

Always give the car number when ordering parts.

2094	Hood wood strip assembly, right. for four-cylinder bear-cat	\$2.25
2095	Hood wood strip assembly, left, for six-cylinder bear-cat	2.25
2096	Hood metal strip for all six-cylinder cars.....	.25
2097	Hood metal strip for all four-cylinder cars.....	.25

ARCH BAR.

2098	Top section arch bar.....	\$2.50
2099	Side section arch bar.....	1.00
2100	Arch bar rawhide lacing.....	.15

WIRE WHEELS — (34 x 4½).

2101	Complete set (5) wire wheels with (4) master hubs	\$200.00
2102	Wire wheel only. each.....	20.00
2103	Master hub only, each.....	30.00
2104	Brake drums for wire wheels, each.....	8.00
2105	Wire wheel wrench	3.00
2106	Wire wheel hub cap complete	2.50
2107	Wire wheel hub cap locking spring	.20

HAND OIL PUMP.

2108	Hand oil pump, for roadster or bear-cat.....	\$6.50
2109	Oil supply line, tank to hand pump.....	2.00
2110	Oil supply line, hand pump to motor.....	.75
2111	Oil supply line clip	.10
2112	Hand oil pump ¼ brass nipple with elbow.....	.40
2113	Hand oil pump exhaust check valve with union.....	1.00
2114	Hand oil pump intake check valve with union.....	1.00

RADIATOR.

2115	Radiator complete	\$60.00
2116	Radiator cap	2.50
2117	Radiator drain plug	.10
2118	Radiator brace rod	.75
2119	Radiator brace rod nut	.05
2120	Radiator brace rod bracket	.25
2121	Radiator brace rod bracket screw with nut.....	.10
2122	Radiator rubber hose—upper	.35
2123	Radiator rubber hose—lower	.60
2124	Radiator hose clamp	.10
2125	Radiator cushion lacing	.15
2126	Radiator name plates	1.00

DRAG LINK.

2127	Link assembly complete	\$3.50
2128	Link tube with spring housing (axle end).....	1.15
2129	Link tube only	.50
2130	Link spring housing (axle end).....	.55

Always give the car number when ordering parts.

2131	Link spring housing end plug (axle end).....	\$0.20
2132	Link spring and ball plug (axle end).....	.15
2133	Link socket spring (axle end).....	.15
2134	Link spring housing (lever end).....	.70
2135	Link spring housing lock nut (lever end).....	.10
2136	Link spring and ball plug (lever end).....	.20
2137	Link spring housing end plug (lever end).....	.15
2138	Link socket spring (lever end).....	.15

FRAME ASSEMBLY.

2139	Frame with loops and front spring brackets (state model)	\$75.00
2140	Front spring bracket.....	.65
2141	Rear spring front bracket	2.50
2142	Rear spring rear bracket loop, right.....	7.00
2143	Rear spring rear bracket loop, left.....	7.00
2144	Combination radiator and lamp bracket, right	2.50
2145	Combination radiator and lamp bracket, left	2.50
2146	Combination radiator and lamp bracket cap	.20
2147	Combination radiator and lamp bracket cap, cap screw	.05
2148	Combination radiator and lamp bracket bolt, long... ..	.10
2149	Combination radiator and lamp bracket bolt, short... ..	.05
2150	Combination radiator and lamp bracket bolt nut....	.05
2151	Rear fender iron bracket, roadster and bear-cat.....	.35
2152	Step hanger	.75
2153	Cross bar assembly.....	13.00
2154	Steering gear frame bracket	1.75
2155	Steering gear frame bracket cap screw.....	.05
2156	Steering gear frame bracket cap screw nut.....	.05
2157	Hand speed control shaft inside bracket, left.....	.50
2158	Service brake counter shaft bracket.....	.75
2159	Muffler cut-out shaft bracket.....	.25
2160	Clutch pedal shaft bracket.....	.30
2161	Motor bolt for frame with nut and washer, long....	.15
2162	Motor bolt for frame with nut and washer, short....	.15

FRONT AXLE.

2163	Front axle assembly complete.....	\$75.00
2164	Front axle center	35.00
2165	Front axle center upper bushing.....	1.00
2166	Front axle center lower bushing.....	1.00
2167	Front axle spring seat, two inches wide.....	.75
2168	Right hand steering knuckle spindle.....	7.50
2169	Left hand steering knuckle spindle.....	7.50
2170	Steering knuckle spindle washer	.10
2171	Steering knuckle spindle nut	.35
2172	Steering knuckle bearing cone	3.60
2173	Steering knuckle bearing cup	1.90
2174	Steering knuckle bearing dust cap	.05

Always give the car number when ordering parts.

2175	Steering knuckle king pin	\$2.00
2176	Steering knuckle king pin nut	.10
2177	Steering knuckle king pin washer	.05
2178	Steering knuckle king pin grease cup	.60
2179	Steering knuckle king pin draw key	.15
2180	Steering knuckle king pin draw key washer	.05
2181	Steering knuckle king pin draw key nut	.05
2182	Steering knuckle double arm, right.....	6.70
2183	Steering knuckle single arm, left.....	3.65
2184	Steering knuckle arm nut	.25
2185	Steering knuckle arm key	.05
2186	Steering knuckle arm stop screw	.05
2187	Steering knuckle arm stop screw nut	.05
2188	Steering knuckle arm ball, 1 $\frac{1}{8}$ inch.....	1.00
2189	Steering knuckle arm ball nut	.10
2190	Steering cross tube	2.45
2191	Steering cross tube yoke	2.15
2192	Steering cross yoke bushing—upper	.75
2193	Steering cross yoke bushing—lower	.70
2194	Steering cross yoke pin	1.20
2195	Steering cross yoke pin washer	.05
2196	Steering cross yoke pin nut	.05
2197	Steering cross yoke pin grease cup.....	.60
2198	Steering cross yoke pin dust cap	.05
2199	Steering cross yoke pin draw key.....	.05
2200	Steering cross yoke pin draw key washer.....	.05
2201	Steering cross yoke pin draw key nut.....	.05
2202	Steering cross yoke clamp bolt	.05
2203	Steering cross yoke clamp bolt washer	.05
2204	Steering cross yoke clamp bolt nut	.05
2205	Front hub inner bearing cone	4.00
2206	Front hub inner bearing cup	2.00
2207	Front hub inner bearing dust washer	.20
2208	Front hub inner bearing dust washer screw	.05
2209	Front hub inner bearing felt dust washer	.10
2210	Front hub inner bearing felt dust washer retainer..	.05
2211	Front hub outer bearing cone	3.25
2212	Front hub outer bearing cup	1.75

Always give the car number when ordering parts.

Control System

CLUTCH CONTROL.

2213	Clutch pedal shaft	\$0.65
2214	Clutch pedal shaft grease cup No. 000.....	.20
2215	Clutch pedal pad	.35
2216	Clutch pedal pad bolt	.05
2217	Clutch pedal	2.00
2218	Clutch pedal cap screw	.05
2219	Clutch pedal cap screw nut	.05
2220	Clutch pedal adjuster	1.00
2221	Clutch pedal adjuster cap screw	.05
2222	Clutch pedal adjuster cap screw nut	.05
2223	Clutch release lever	.75
2224	Clutch release lever cap screw	.05
2225	Clutch release lever cap screw nut	.05
2226	Clutch release lever yoke	1.00
2227	Clutch release lever yoke screw, special	.50
2228	Clutch release lever stud	.25
2229	Clutch release lever stud nut	.25
2230	Clutch release lever woodruff key.....	.05

CLUTCH.

2231	Clutch assembly complete with flanged yoke and sleeve	\$60.00
2232	Clutch shaft	2.00
2233	Clutch shaft key, $\frac{1}{4}$ x 7-16 x 1 5-16 inch.....	.10
2234	Clutch shaft nut, 1-inch, 16 thread.....	.40
2235	Clutch shaft bushing	1.50
2236	Clutch shaft bushing key, $\frac{1}{4}$ x 7-16 x $2\frac{1}{8}$ inch.....	.15
2237	Clutch driving sleeve	9.00
2238	Clutch driving stud	1.00
2239	Clutch driving stud nut, $\frac{1}{2}$ -inch castle.....	.15
2240	Clutch driven stud	1.30
2241	Clutch driven stud nut, $\frac{1}{2}$ -inch castle.....	.15
2242	Clutch engaging sleeve	7.60
2243	Clutch oil tube	.10
2244	Clutch end plate	2.80
2245	Clutch end plate bushing	2.10
2246	Clutch end plate bushing lock screw.....	.05
2247	Clutch pressure nut, $1\frac{3}{4}$ inch.....	1.00
2248	Clutch pressure plate	1.10
2249	Clutch coil spring	1.25
2250	Clutch disc, large	.45
2251	Clutch disc, small	.40
2252	Clutch bearing N. D. No. 209.....	9.00
2253	Clutch bearing housing	5.50
2254	Clutch bearing housing leather collar.....	.75

Always give the car number when ordering parts.

2255	Clutch bearing grease retainer (leather and steel) ..	\$1.00
2256	Clutch bearing retainer screw	.05
2257	Clutch pipe plug	.10

HAND SPEED CONTROL.

2258	Control assembly, complete.....	\$20.00
2259	Hand control lever.....	4.85
2260	Trunnion block	.45
2261	Trunnion block bolt	.25
2262	Trunnion block bolt nut	.10
2263	Hand brake lever.....	4.85
2264	Brake latch	.45
2265	Brake latch rod	.10
2266	Brake latch thumb button	.25
2267	Brake latch spring	.25
2268	Brake latch bolt with nut.....	.20
2269	Small sub lever	1.30
2270	Small sub lever pin	.05
2271	Large sub lever	1.30
2272	Large sub lever pin	.05
2273	Sub lever spring.....	.35
2274	Hand lever bracket	4.85
2275	Hand lever bracket fibre bushing	.75
2276	Oil cup	.25
2277	Quadrant	2.70
2278	Brake sector	.45
2279	Bracket bolt with nut.....	.35
2280	Control countershaft	.85
2281	Small control tube.....	.85
2282	Large control tube.....	.90
2283	Small toggle	.85
2284	Large toggle	.90
2285	Toggle bolt with nut.....	.25
2286	Control tube lever key.....	.10
2287	Low and reverse control rod (short rod).....	.75
2288	High and second speed control rod (long rod).....	.75
2289	Control rod adjusting yoke	.35
2290	Control rod adjusting yoke jam nut.....	.05
2291	Control rod adjusting yoke pin	.05

UNIVERSAL JOINT.

2292	Joint complete	\$16.00
2293	Front coupling fork with flange.....	6.75
2294	Rear coupling plain fork.....	5.75
2295	Coupling shaft	3.25
2296	Trunnion block	.70
2297	Coil spring	.20
2298	Sleeve	1.10
2299	Lock screw	.15

Always give the car number when ordering parts.

2300	Leather dust shield.....	\$2.50
2301	Sleeve clamp	.10
2302	Universal joint castellated nut.....	.20

CUT OUT.

2303	Upper half cut-out.....	\$0.50
2304	Lower half cut-out.....	.75
2305	Cut-out cap screw	.05
2306	Cut-out cap screw nut.....	.05
2307	Cut-out button	.30
2308	Cut-out button stem	.40
2309	Cut-out shaft	.25
2310	Cut-out shaft bracket	.25
2311	Cut-out button stem lever. short.....	.20
2312	Cut-out lever, long	.20
2313	Cut-out valve lever rod.....	.15
2314	Cut-out valve shaft lever.....	.25
2315	Cut-out valve lever spring.....	.15
2316	Cut-out valve	.50
2317	Cut-out complete	5.00

MUFFLER.

2318	Muffler complete	\$10.00
2319	Muffler end support bracket.....	.25

ACCELERATOR.

2320	Accelerator pedal	\$1.00
2321	Accelerator pedal pin	.05
2322	Accelerator carburetor rod with ball joint, roadster..	.30
2323	Accelerator carburetor rod with ball joint, touring..	.30
2324	Accelerated carburetor rod yoke, threaded	.45
2325	Accelerated carburetor rod yoke pin	.05
2326	Accelerator carburetor rod spring	.15
2327	Accelerator spark lever rod with ball joint.....	.30
2328	Accelerator rod ball joint.....	.15

GENERATOR FOR FOUR AND SIX CYLINDER CARS.

2329	Generator complete with wiring, meter, control box complete	\$100.00
2330	Generator (Esterline) only.....	86.00
2331	End bell commutator ends.....	5.40
2332	End bell opposite commutator end.....	3.15
2333	Cap for end bell opposite commutator end.....	.70
2334	End bell screws (set).....	.20
2335	Terminal box cover	.20
2336	Terminal box cover screws (set).....	.20
2337	Generator terminals (set).....	.20

Always give the car number when ordering parts.

2338	Lock washer and nut driving end of shaft.....	\$ 0.10
2339	Screws for holding housing partition (set).....	.10
2340	Woodruff key for shaft.....	.10
2341	Bale for holding in brush element.....	.10
2342	Brass nuts for holding wire terminals (six).....	.10
2343	Screw and bushing for brush holder.....	.20
2344	Oil cups, each.....	.20
2345	Commutator cover and screws.....	.35
2346	Brush holder complete without brush spring and cap.....	.70
2347	Brush holder complete with brush	1.80
2348	Control box complete.....	25.00
2349	Controller only	18.50
2350	Lighting switch	3.50
2351	Lighting switch key.....	.65
2352	Lighting switch key plate.....	.35
2353	Controller box with cover	2.50
2354	Controller box cover	.40
2355	Fuse panel base complete	2.50
2356	Fuse panel base only	.65
2357	Fuse panel terminals (six)	.30
2358	Fuse panel wooden support	.40
2359	Junction boxes (each)	.70
2360	Complete set of wire and clips.....	6.20
2361	R. S. ammeter 15-0-15 amps.....	9.00
2362	Fuses, each	.18
2363	Carbon brush only.....	.35

BODY TOP IRON SUPPORTS.

FOUR-CYLINDER BEAR-CAT.

2364	Right hand front iron	\$2.00
2365	Right hand rear iron	2.00
2366	Left hand front iron	2.00
2367	Left hand rear iron	2.00

FOUR-CYLINDER ROADSTER.

2368	Right hand front iron	\$2.00
2369	Right hand rear iron	2.00
2370	Left hand front iron	2.00
2371	Left hand rear iron	2.00

FOUR-CYLINDER TOURING.

2372	Right hand front seat iron.....	\$2.00
2373	Left hand front seat iron.....	2.00
2374	Right hand rear seat front iron	2.00
2375	Right hand rear seat rear iron	2.00
2376	Left hand rear seat front iron	2.00
2377	Left hand rear seat rear iron	2.00

Always give the car number when ordering parts.

SIX-CYLINDER BEAR-CAT.

2378	Right hand front iron	\$2.00
2379	Right hand rear iron	2.00
2380	Left hand front iron	2.00
2381	Left hand rear iron	2.00

SIX-CYLINDER ROADSTER.

2382	Right hand front iron	\$2.00
2383	Right hand rear iron	2.00
2384	Left hand front iron	2.00
2385	Left hand rear iron	2.00

SIX-CYLINDER TOURING.

2386	Right hand front seat iron.....	\$2.00
2387	Left hand front seat iron.....	2.00
2388	Right hand rear seat front iron	2.00
2389	Right hand rear seat rear iron	2.00
2390	Left hand rear seat front iron	2.00
2391	Left hand rear seat rear iron	2.00

FENDERS.**FRONT FENDERS AND IRONS.**

2392	Right front fenders for all models.....	\$8.00
2393	Left front fenders for all models.....	8.00
2394	Right fender upper iron	1.75
2395	Right fender lower iron	1.00
2396	Left fender upper iron	1.75
2397	Left fender lower iron	1.00
2398	Fender iron nut	.10
2399	Fender frame bolt and nut.....	.10
2400	Fender running board nickel head bolt and nut.....	.15

REAR FENDERS AND IRONS.

2401	Four-cylinder roadster right fender and iron.....	\$7.00
2402	Four-cylinder roadster left fender and iron.....	7.00
2403	Four-cylinder bear-cat right fender and iron.....	7.00
2404	Four-cylinder bear-cat left fender and iron	7.00
2405	Four-cylinder touring car right fender and iron.....	7.00
2406	Four-cylinder touring car left fender and iron	7.00
2407	Six-cylinder roadster right fender and iron.....	7.00
2408	Six-cylinder roadster left fender and iron	7.00
2409	Six-cylinder bear-cat right fender and iron.....	7.00
2410	Six-cylinder bear-cat left fender and iron	7.00
2411	Six-cylinder touring car right fender and iron.....	7.00
2412	Six-cylinder touring car left fender and iron	7.00
2413	Left fender iron, all roadsters and bear-cats.....	2.00
2414	Right fender iron, all roadsters and bear-cats.....	2.00
2415	Fender iron nut.....	.10
2416	Fender iron nickered bolt and nut for running board	.15

Always give the car number when ordering parts.

SPRING HOUSING.

2417	Spring housing, right, for all touring cars.....	\$2.75
2418	Spring housing, right, for roadsters and bear-cats...	2.75
2419	Spring housing, left, for all touring cars.....	2.75
2420	Spring housing, left, for all roadsters and bear-cats..	2.75

SPLASHERS.

2421	Four-cylinder bear-cat, left splasher	\$1.50
2422	Four-cylinder bear-cat, right splasher	1.50
2423	Four-cylinder roadster, left splasher	1.50
2424	Four-cylinder roadster, right splasher	1.50
2425	Four-cylinder touring left splasher	1.50
2426	Four-cylinder touring, right splasher	1.50
2427	Six-cylinder bear-cat, left splasher	1.50
2428	Six-cylinder bear-cat, right splasher	1.50
2429	Six-cylinder roadster, left splasher	1.50
2430	Six-cylinder roadster, right splasher	1.50
2431	Six-cylinder touring, left splasher	1.50
2432	Six-cylinder touring, right splasher	1.50

MUFFLER GUARD.

2433	Muffler guard, all models.....	\$1.75
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DUST PAN.

2434	Dust pan complete for all four-cylinder cars	\$6.00
2435	Dust pan complete for all six-cylinder cars	8.00

GASOLINE SYSTEM.**FOUR AND SIX-CYLINDER ROADSTER AND BEAR-CAT.**

2436	Combined gasoline and oil tank, less covers.....	\$18.00
2437	Gasoline tank filler cap.....	1.50
2438	Oil tank filler cap.....	1.50
2439	Combined tank bracket	3.65
2440	Combined tank brass strap assembly.....	1.00
2441	Gasoline supply line to carburetor (roadster)	2.25
2442	Gasoline supply line to carburetor (bear-cat)	2.25
2443	Pressure pump	5.00
2444	Pressure gauge	5.00

FOUR AND SIX-CYLINDER — FOUR AND SIX PASSENGER.

2445	Gasoline tank complete	\$7.50
2446	Gasoline tank filler cap	.20
2447	Gasoline tank wood support	.10
2448	Gasoline tank iron strap support.....	.10
2449	Gasoline supply line to carburetor.....	2.00

SUPPLY LINE PARTS.

2450	Copper tubing, $\frac{3}{8}$ inch, per foot.....	\$0.50
2451	Brass close nipple, $\frac{3}{8}$ inch, with screen.....	.30
2452	Brass reducer, $\frac{3}{8}$ inch.....	.25
2453	Brass pipe union, $\frac{1}{4}$ inch.....	.15
2454	Brass cut-off cock, with screen.....	.75
2455	Gasoline line clip.....	.10

Always give the car number when ordering parts.

BODIES AND PARTS.**FOUR AND SIX-CYLINDER TOURING CARS.**

2456	Four-passenger body, painted and trimmed with cushions	\$250.00
2457	Six-passenger body, painted and trimmed with cushions	300.00
2458	Left hand fore-door complete with hinges and lock..	25.00
2459	Right hand rear-door complete with hinges and lock..	25.00
2460	Left hand rear-door complete with hinges and lock..	25.00
2461	Right hand front cushion.....	10.00
2462	Left hand front cushion.....	10.00
2463	Tonneau cushion	20.00
2464	Front floor linoleum.....	.75
2465	Tonneau rug	5.00
2466	Right hand toe board.....	5.00
2467	Left hand toe board.....	5.00
2468	Foot rest assembly.....	2.50
2469	Fore-door upper hinge.....	1.25
2470	Fore-door lower hinge.....	1.75
2471	Tonneau door right hand upper hinge	1.25
2472	Tonneau door right hand lower hinge	1.75
2473	Tonneau door left hand upper hinge	1.25
2474	Tonneau door left hand lower hinge	1.75
2475	Door latch and lever complete, right	2.25
2476	Door latch and lever complete, left	2.25
2477	Door leather stop with footman loops.....	.75
2478	Door lever washer and screws.....	.75

FOUR AND SIX-CYLINDER ROADSTERS.

2479	Body, painted and trimmed, with cushions.....	\$200.00
2480	Right hand cushion.....	10.00
2481	Left hand cushion.....	10.00
2482	Door complete with hinges and lock.....	35.00
2483	Door latch and lever complete.....	2.25
2484	Door leather stop with footman loops.....	.75
2485	Upper door hinge.....	.50
2486	Lower door hinge.....	.75
2487	Right toe board.....	5.00
2488	Left toe board.....	5.00
2489	Linoleum floor mat.....	1.00

FOUR AND SIX-CYLINDER BEAR-CATS.

2490	Body, painted and trimmed with cushions.....	\$150.00
2491	Right hand seat, painted and trimmed with cushion	50.00
2492	Left hand seat, painted and trimmed with cushion.	50.00
2493	Dash with moulding.....	8.00
2494	Right hand cushion.....	10.00
2495	Left hand cushion.....	10.00

Always give the car number when ordering parts.

2496	Right hand toe board.....	4.50
2497	Left hand toe board.....	4.50
2498	Linoleum floor mat.....	1.00
2499	Foot rest assembly (nickel).....	2.50
2500	Right hand sill plate.....	.35
2501	Left hand sill plate.....	.35

SERVICE BRAKE.

2502	Service brake pedal with lever	\$3.00
2503	Service brake pedal pad	.50
2504	Service brake pedal pad cap screw.....	.05
2505	Service brake center rod assembly, flat.....	1.50
2506	Service brake equalizing bar	.50
2507	Service brake equalizing link	.75
2508	Service brake countershaft	1.00
2509	Service brake countershaft tube, long	.90
2510	Service brake countershaft tube spacer, short.....	.15
2511	Service brake countershaft single lever.....	.35
2512	Service brake countershaft double lever.....	.65
2513	Service brake 3/8-inch round side rod.....	.65
2514	Service brake rod turn buckle.....	.70
2515	Service brake rod turn buckle jam nut.....	.05
2516	Service brake pin, 1 x 1/2 inch.....	.05
2517	Service brake pin, 1 1/2 x 1/2 inch.....	.05

EMERGENCY BRAKE.

2518	Emergency brake control shaft, single lever.....	\$0.35
2519	Emergency brake 3/8-inch round rod—roadster	.65
2520	Emergency brake 3/8-inch round rod—touring	.65
2521	Emergency brake rod turn buckle	.70
2522	Emergency brake rod turn buckle jam nut.....	.05
2523	Emergency brake double lever	.50
2524	Emergency brake single lever	.35
2525	Emergency brake clevis pin	.05

SPRING AND PARTS.**FRONT SPRING.**

2526	Front spring	\$6.00
2527	Front spring bolt with grease cup.....	.60
2528	Front spring bushing	.20
2529	Front spring shackle	.55
2530	Front spring clip with nuts.....	.25
2531	Front spring bolt grease cup.....	.20

Always give the car number when ordering parts.

REAR SPRING.

2532	Rear spring	\$9.00
2533	Rear spring bushing	.20
2534	Rear spring front shackle with bushing.....	.60
2535	Rear spring front shackle bushing.....	.20
2536	Rear spring rear shackle	.55
2537	Rear spring long bolt with nut.....	.20
2538	Rear spring short bolt with grease cup.....	.60
2539	Spring bolt nut for front or rear.....	.10
2540	Spring leaf clip with bolt and nut for front or rear spring	.25
2541	Rear spring bolt grease cup.....	.20
2542	Rear spring clip with nuts.....	.25

SUNDRIES.

2543	Battery box	\$3.00
2544	Hub cap wrench.....	2.00
2545	Jack	1.00
2546	Motor port plug wrench.....	.80
2547	Number plate	.20
2548	Oil can	.15
2549	Oil can bracket.....	.20
2550	Tires—Price on application.	
2551	Tire pump	5.00
2552	Tool kit in roll.....	5.50
2553	Trunk	18.00
2554	Tire irons for roadster (pieces).....	10.00
2555	Tire irons for touring car.....	10.00
2556	Name plate	1.25
2557	Baker rim lug wrench.....	1.30
2558	Auxiliary seat for touring car (each).....	25.00

Always give the car number when ordering parts.

Instructions.

PREPARATORY TO STARTING.

Before signing and receipting to Transportation Company for your car examine it carefully to see if any damage has been done in shipping. Should you find the car damaged in any way see that such notation is made on the freight bill before accepted. After unloading see that the drain cocks in the cylinders and radiator are closed and that the radiator is full of clean water (not rain water). See that the cock and gasoline line is open — fill your gasoline tank and be sure that no water or foreign matter gets into it. Examine oil gauge at left side of motor to be sure that there is plenty of oil in the case, this gauge has a high and a low mark danger line. The float indicator knob shows the amount of oil in the case and should be watched carefully — not permitting the oil to run below the high mark.

STARTING MOTOR.

In starting, the spark or long lever should be set at the bottom of the quadrant, this being the retarded position. The throttle or short lever should be set at about two inches above the spark lever. Moving the spark lever up advances the spark and moving the throttle lever up opens the throttle. See that the brakes are tightly set. The hand speed control lever must stand at the center of the H slot — this being neutral position. Insert the switch key and turn the knob so as to indicate connection with the battery — marked "B." Push the starting crank in until the claw engages the crank shaft then turn the crank to the right or in a clockwise direction — always engage the crank in such a manner that you will lift up to turn engine over compression, increasing your speed as you lift. As soon as motor starts, advance spark lever to about two inches from the top of quadrant for ordinary running. Spark, however, should be retarded in hill climbing.

STARTING THE CAR.

Place the left foot on the clutch pedal and push forward thus disengaging the clutch, and with right hand release your outside, or, in other words, the hand brake lever. To go forward change the inside or hand speed control lever from the center or neutral position to the outside rear slot, which is the first or low speed. Slightly increase the speed of the motor by pressing the right foot on the

accelerator pedal, then let the clutch engage gradually by slowly releasing the pressure from the left foot. After the car has gained sufficient momentum, change to second speed by disengaging the clutch with the left foot and at the same time place the control speed lever to the inside front slot and slowly release the pressure on the clutch—allowing it to engage gradually. To change from second into high or third speed, release the clutch quickly as before and move the control speed lever straight back to the rear of the inside slot—remembering always to release the clutch quickly and engage gradually.

STOPPING THE CAR.

Release the clutch by again pushing the left foot pedal and place control speed lever in neutral position and set the brake by pulling the outside emergency brake lever backwards—close the throttle lever and retard the spark lever so the motor does not run too fast. To back the car proceed in the same manner as when starting except that the speed control lever must be placed in the outside forward slot. When leaving the car always put the speed control lever in the neutral position and set emergency brake.

LUBRICATION.

The most essential feature in running a car is to see and know that each and every wearing point is thoroughly lubricated at all times. Use a good grade of oil and when the car is being used steadily the oiling should be gone over thoroughly twice a month and the old oil and grease removed and replaced with a fresh supply. The clutch should receive a fresh supply of heavy oil at least every two weeks and before applying it, better results will be attained, if the old oil is washed out. This may be accomplished by a free use of kerosene. After being cleaned thoroughly new oil may be poured into the pipe plug hole at the side using about two quarts of oil. Keep the transmission and differential case well filled with a non-fluid oil. The clutch release bearings require non-fluid oil, while the universal joint and all grease cups require a hard grease. See that all grease cups are kept full and give their caps a turn at least once in ten days.

MAGNETO AND BATTERY.

The magnetos used in the Stutz car are thoroughly tested by experts and adjusted before leaving the factory and an instruction book accompanies each machine. The best way to take care of a magneto is to let it alone unless you are thoroughly competent and an expert in this matter.

Batteries: An instruction book also accompanies the batteries used on this car which thoroughly describes charging and taking care of same. Care should be taken however, to keep the box containing the battery perfectly dry — if any acid is spilt in the box wipe it off carefully with a piece of waste dipped in ammonia water.

IF MOTOR FIRES REGULARLY BUT IS WEAK.

This may be caused by improper gas mixture, insufficient lubrication, weak compression caused by loose plugs or valve caps.

IF MOTOR MISSES.

This may be caused by too lean or too rich a mixture, weak batteries, improper seating of valves, foul plugs, imperfect contacts in magneto or coil.

WATER IN RADIATOR BOILING.

This may be caused by clogged radiator tubes, clogged muffler, fan not working, over-retarded spark, using low gear continuously or lack of oil. Overheating may be caused by driving with the spark too low and the throttle open more than necessary — with perhaps a carburetor adjustment which supplies too rich a mixture. This will invariably cause a motor to overheat. An overheated motor may be caused by irregular conditions, such as lack of lubrication in cylinder walls. This may readily be located by opening the priming cocks on the top of the cylinder — turn the motor slightly by hand and see if there is any pronounced bind or if the motor turns hard at any particular point. The bind in any one or more cylinders may be relieved by injecting a small quantity of oil through the priming cups and then turn or crank the motor slowly.

KNOCKS AND POUNDS.

A pound may be due to worn bearings in one of the connecting rods or main bearings, if so, it will manifest itself more strongly when the engine is laboring on a hill and will not appear suddenly, but there are many noises caused by other than motor defects, although from the regularity of their occurrences one is positive that the motor is at fault. Motor knocks may be caused by loose gearing in shaft or pistons or loose cylinder bolts which might result in serious injury to the motor if not immediately attended to. Knocks and pounds may be due to such causes as spark too far advanced, too lean a mixture, lack of proper lubrication, loose connecting rod adjustment or too much clearance between valve stem and plunger.

Electric Lighting System.

The lighting systems used in Stutz cars are thoroughly tested by experts and adjusted before leaving the factory, and an instruction book accompanies each car.

The best way to take care of an electric lighting system is to leave it alone with the one exception of putting three or four drops of oil in the oil cups about once a month. In case of trouble, refer to the instruction book.

The Stutz Warranty.

We warrant the motor vehicles manufactured by us for ninety days after the date of shipment, this warranty being limited to the furnishing at our factory of such parts of the motor vehicle as shall, under normal use and service, appear to us to have been defective in material or workmanship.

This warranty is limited to the shipment to the purchaser, of the part or parts intended to replace the part or parts claimed to have been defective, and which, upon their return to us at our factory for inspection, we shall have determined were defective, and provided the transportation charges for the parts so returned have been prepaid.

We make no warranty whatever in respect to tires, magnetos and coils.

The condition of this warranty is such that if the motor vehicle to which it applies is altered or repaired or repaired outside of our factory, our liability under this warranty shall cease.

The purchaser understands and agrees that no warranty of the motor vehicle is made, or authorized to be made, by the company, other than that herein above set forth.

THE IDEAL MOTOR CAR CO.

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