

COLUMBIA OVERDRIVE AXLE SERVICE PARTS LIST COVERING

Ford Models 1935 to 1946

Mercury Models 1939 to 1946

Lincoln-Zephyr Models 1936 to 1941

F—Ford
M—Mercury
LZ—Lincoln-Zephyr

NOTE: 1935 and 1936 Ford Identical

Identifi- cation Symbol	Columbia Part Number	Lincoln Part Number	Req. Per Axle	PART NAME	MODELS USED ON
A-1	66001		1	Housing Assembly (Includes Oil Seal 63224)	1946 F-M
A-2	63224	B4245	1	Housing Oil Seal	All Models
A-3				NOTE: Use of Gasket discontinued. Use a Gasket Compound such as Tight Seal or Permatex.	
A-4	SZ6088	350589-S7	9	Housing Attaching Screw	All Models
A-5	103321	34807-S7	9	Housing Attaching Screw Lock Washer 3/8"	All Models
A-6	64447		1	Differential Carrier Assembly (Includes Oil Baffle, Brg. Cup & Oil Level Plug)	All F & M Models
A-7	63392		1	Differential Carrier Oil Baffle	All Models
A-8	#363	HB4220	1	Differential Carrier Bearing Cup	All Models
				NOTE: 363 Cup and 368 Cone should always be replaced in sets.	
A-9	112715	353053-S	1	Differential Carrier Oil Level Plug—1/2" x 14"	All F & M Models; 1936-37-38 LZ
A-10	64129	350592-S	1	Differential Carrier Attaching Screw Assembly (Includes WZ6028 Washer)	1938-39-40-41-46 F; 1939-40-41-46 M; 1938-39-40-41 LZ
	WZ6028		1	Differential Carrier Attaching Screw Washer	1938-39-40-41-46 F; 1939-40-41-46 M; 1938-39-40-41 LZ
A-17	63978	HB4026	1	Differential Outer Case Assembly—8 Tooth (Furnished only with both halves bolted together with screws and locks.)	All Models (See Note)
				NOTE: On 1935-6 and early 1937 Ford and LZ models where 10 tooth Outer Cases were originally used—for replacement purposes, above 8 tooth case with 1 Part 64830 Synchro Clutch, 1 Part 64828 Stationary Clutch, 1 Part 63875 Support Hub Assembly, 2 Part SZ-6116 Screws, and 2 Part 63874 Locks MUST BE FURNISHED AND INSTALLED in order to effect interchangeability.	
A-18	SZ6111	350397-S	10	Differential Outer Case Attaching Screw	All Models
A-19	63413	HB4033	5	Differential Outer Case Attaching Screw Lock	All Models
A-20	#368	HB4220	1	Differential Outer Case Bearing Cone	All Models
				NOTE: 368 Cone and 363 Cup should always be replaced in sets.	
A-21	63875	86H4037	1	Differential Support Hub and Washer Assembly (Furnished only as an assembly)	All Models
A-22	SZ6116	350399-S	2	Differential Support Hub Attaching Screw	Late 1937-38-39-40-41-46 F; 1939-40-41-46 M; 1937-38-39-40-41 LZ
A-23	63874	HB4042	2	Differential Support Hub Attaching Screw Lock	Late 1937-38-39-40-41-46 F; 1939-40-41-46 M; 1937-38-39-40-41 LZ
				NOTE: CHANGE ON PLANETARY GEARS Early in 1937 a change was made in the number of teeth on the Sun Gear from 17 to 15; on the Internal Gear from 43 to 39; and on the Planetary Pinion from 13 to 12. IMPORTANT: The above gears as now being furnished will not interchange with those in 1935-6 and early 1937 models. When replacement of any of these parts for the above models are required, it is NECESSARY to replace all with the following new parts. 1 - Part No. 64004 Differential Case and Internal Gear Assembly 1 - Part No. 63983 Sun Gear 3 - Part No. 64213 Planetary Pinion 3 - Part No. 64501 Planetary Pinion Shaft	
A-24	64004	HB4027	1	Differential Case and Internal Gear Assembly— 39 Teeth (Furnished only as an assembly)	All Models (See Note above)
A-25	64213	86H4028	3	Planetary Pinion—12 Teeth	All Models (See Note above)
				NOTE: Pinions and Shafts must be replaced only in sets of 3.	
A-26	64501	86H4029	3	Planetary Pinion Shaft	All Models
A-27	63983	HB4055	1	Sun Gear—15 Teeth	All Models (See Note Change on Planetary Gears)
A-28	63391	86H4059	1	Side Gear Thrust Washer—Left	All Models
				NOTE: Washers 63391 and 63232 should be replaced in sets.	
A-29	63232	86H4060	4	Side Pinion Thrust Washer	All Models
A-30	61923	HB4211	1	Differential Spider	All Models
A-31	SZ6102	350385-S	8	Drive Gear Attaching Screw	All F & M Models; 1936-37 LZ
	18 Ga	HB4032	1	Drive Gear Attaching Screw Lock Wire— Approx. 20" long	All Models