

Model T Ford Tools

By Bruce McCalley

The tools used on or supplied with the Model T seem to be of an almost universal interest. It is almost a certainty that one or more such tools will be found at any swap meet or flea market, car show or not. The identification of these tools presents an interesting problem. Some time ago (Volume 17, Number 3, 1982) we made a "stab" at the subject, listing every tool we could find from all the material we had at hand. Since that time, we have found a few more, and these are included in our revised article.

Our coverage deals only with those tools supplied by Ford, not the many that were manufactured by others for use on the Model T such as K. R. Wilson, Western Auto, etc. This compilation lists every Ford-supplied tool listed in over sixty-five *Parts Lists of Parts*, *Ford Service Bulletins*, and other pieces of literature. This listing shows each tool's "history." By "history" we mean its price, description, factory number changes, etc. Under each tool number is a list of dates, factory numbers and prices. The first date shown is that of the first publication in which the tool was listed, and its price. Subsequent dates are those of catalogs in which a price, factory or part number, or description was changed. For example, the first tool listed, the 1349 Hub Cap Wrench, appeared for the first time in the January 1911 *Parts List*. In May 1915 the price dropped to ten cents. In October 1917 the price rose to fifteen cents and in November 1918 to twenty cents, etc. The last date listed under each tool was either the date of the last catalog in which the tool was shown, or the date of the last catalog used in this compilation (October 1927).

A brief description of each tool is given. Where the tool was supplied as a part of the tool kit which came with each car, it is listed as "Regular Equipment."

Copies of the *Parts Lists* illustrations are included as an aid in identification. These illustrations were used, unchanged, year after year; our reproductions are of those in which some change was made. Unfortunately, not all tools are illustrated.

It is important to remember that the catalog illustrations are not necessarily an accurate picture of any given tool. Ford, for the most part, did not manufacture these tools, and most were supplied by more than one outside vendor. Consequently, a

particular tool supplied by one company could differ in some manner with that supplied by another. In addition, tools were modified from time to time, with no change being indicated in the parts books. A typical example of such a change might be in the 1903 Pliers. Early in the 1920's one handle of the pliers was formed so that it could be used as a screwdriver (making the 1902 Screwdriver unnecessary and saving a few cents on each car). There is no change in the description or factory number to indicate this modification.

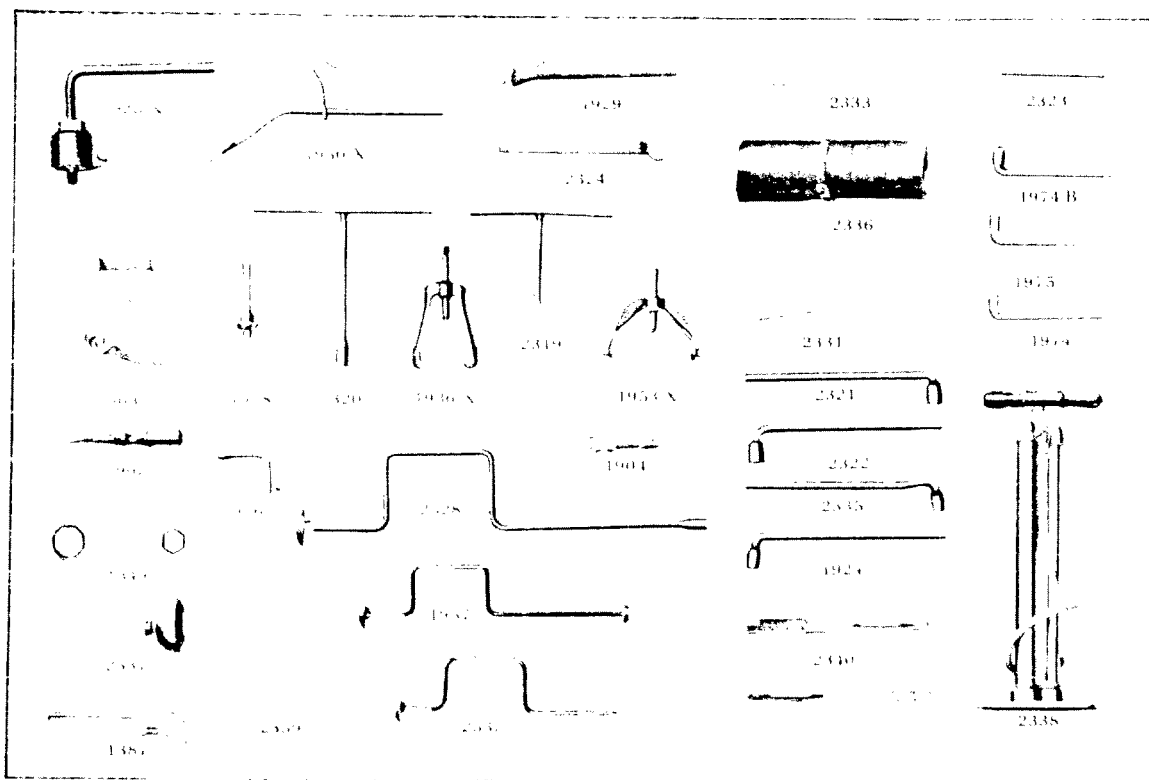
Initially, tools had part numbers similar to those used on other parts of the Model T. For example, part number 4000 Socket Wrench was factory number 1926 from June 1909 until January 1911. In the January 1911 catalog just the factory number (1926) was listed. Beginning about 1917, tools were given "3Z" numbers, some of which superseded the earlier factory numbers. About 1920 the "5Z" numbers appeared and these in many cases replaced the 3Z series.

Our compilation lists the tools under the latest number. This does not mean that, for example, the 2333 Wrench, superseded by 3Z-655, and later by 5Z-162 were all exactly the same tool. The design may or may not have changed with the change in the number. We have just grouped the tools in this manner to make comparison easier.

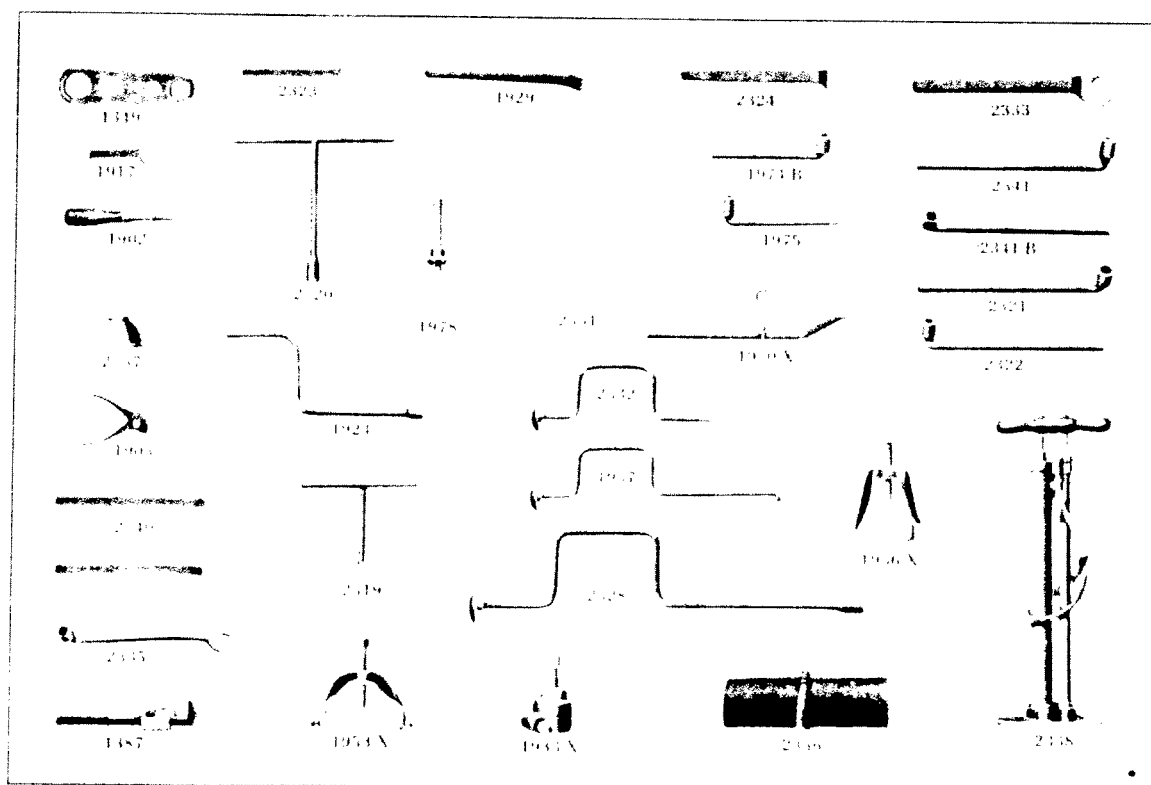
There are also cases where a tool was shown as superseded by another number, but the new number was never listed. Example: 2319 "T" screwdriver was shown as being changed to 3Z-642 in the February 1917 catalog but the 3Z-642 was never listed (nor was the 2319 later).

We might add, too, that the quality of most of these tools pales in comparison with modern tools that might do the same job. In most cases, the modern socket set is heads and shoulders above the original tool, not only in quality but in ease of use. Yet there are a number of Ford tools for which there is no satisfactory modern equivalent. This is particularly true of some of the pullers, and special wrenches for the transmission, exhaust manifold, and other areas.

So, here it is! If any reader knows of a missing tool, or can offer more information, please drop us a note. This writer can come up with all manner of real or imagined "facts" on the Model T itself, but on the tools my imagination fails me.....



Tool Illustrations used 1912 – 1914.



Tool Illustrations used 1915 – 1917.

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
1349 HUB CAP WRENCH				REGULAR EQUIPMENT
Jan 11	1349	.25		Pressed steel combination wrench for hub, front wheel bearing cone, crankcase drain plug, etc.
May 15	1349	.10		
Oct 17	1349	.15		
Nov 18	1349	.20		
Jun 22	1349	.15		
Oct 27	1349	.15		
1370 CLAMPING SCREW (For clutch disk drum puller)				
Jan 11	1370	.10		
Jul 11	1370	.10		
1387 ADJUSTABLE WRENCH (Monkey wrench)				REGULAR EQUIPMENT
Jan 11	1387	.60		
Dec 11	1387	.40		
May 15	1387	.25		
Feb 17	1387	.40		
Oct 17	1387	.50		
Nov 18				
Aug 20	1387	.60		
Jul 21	1387	.50		
Jun 22	1387	.40		
Oct 27	1387	.40		
1902 SCREWDRIVER				REGULAR EQUIPMENT
Jan 11	1902	.30		
Dec 11	1902	.25		
May 15	1902	.15		
Jul 18	1902	.20		
Nov 18	1902	.25		
Mar 20	1902	.35		About 1920 the pliers handle was modified for use as screwdriver.
Aug 20	1902	.50		
Sep 21	1902	.50		
1903 PLIERS				REGULAR EQUIPMENT
Jan 11	1903	.50		
Dec 11	1903	.30		
May 15	1903	.20		
Oct 17	1903	.25		
Nov 18	1903	.30		
May 20	1903	.35		About 1920 the handle was ground to form a screwdriver blade about eliminating the need for the 1902 screwdriver.
Aug 20	1903	.50		
Jul 21	1903	.40		
Nov 21	1903	.25		
Oct 27	1903	.25		
1904 SPARK PLUG WRENCH				REGULAR EQUIPMENT
Jan 11	1904	.30		
Dec 11	1904	.25		
May 12	2178	.25		
Jan 13	2178	.25		2335 later
1917 DOUBLE END WRENCH				REGULAR EQUIPMENT
Jan 11	1917	.30		
Dec 11	1917	.20		
May 15	1917	.10		
Jun 18	1917	.15		
Nov 18	1917	.25		
Apr 19	1917	.20		
Jul 19	1917	.15		
Nov 19	1917	.20		
May 20	1917	.25		
Jul 21	1917	.20		
Aug 23	1917	.15		
Oct 27	1917	.15		
1924	See 3Z-598			
1925 SOCKET WRENCH (For 5/8" cylinder head cap screws)				
4004				
Jun 09	1925	.50		(Crank Type)
1925				
Jan 11	1925	.50		
Jul 11	1925	.50		
1926 SOCKET WRENCH (Piston pin bolt, cars 1 to 2500)				
4000				
Jun 09	1926	.40		
1926				
Jan 11	1926	.40		
Dec 11	1926	.25		
Sep 12	1926	.25		
1927 SCREWDRIVER (For commutator screws)				
4005				
Jun 09	1927	.05		
1927				
Jan 11	1927	.05		
Jul 11	1927	.05		

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
1928 SOCKET WRENCH (Crankshaft bearing nut)				
4001				
Jun 09	1928	.30		
1928				
Jan 11	1928	.40		
Jul 11	1928	.40		
1929	See 5Z-210			
1930X	See 5Z-319			
1933X	See 5Z-287			
1934 CAP SCREW (Clamp screw for 1933X puller)				
Jan 11	1934	.15		
Jul 11	1934	.15		
1935 SCREW (For 1933X puller)				
Jan 11	1935	.35		
Jul 11	1935	.35		
1936X	See 5Z-326			
1937 SCREW (For 1936X gear puller)				
Jan 11	1937	.35		
Jul 11	1937	.35		
1938 VALVE SPRING LIFTER HOOK				
Jan 11	1938	.30		
Jul 11	1938	.30		
1953X	See 5Z-314			
1957	See 5Z-280			
1974 "L" SOCKET WRENCH (Driveshaft and rear axle stud nut)				
Jan 11	1974	.40		(For 3/8" nuts)
Oct 13	1974	.40		
1974B	See 5Z-158			
1975	See 5Z-152			
1978	See 20Z-340			
2318 "T" SOCKET WRENCH (Short, 3/4")				
Jan 11	2318	.50		
Jul 11	2318	.50		
2319 "T" SCREWDRIVER (For camshaft set screw)				
Jan 11	2319	.50		6-1/2" long
May 15	2319	.30		
Feb 16	2319	.40		
Feb 17	3Z-642	.40		(3Z-642 never listed)
2320	See 5Z-160			
2321	See 5Z-153			
2322	See 5Z-155			
2323	See 5Z-195			
2324	See 5Z-209			
2327 BRACE WRENCH (Short, 9/16")				
Jan 11	2327	.60		
Jul 11	2327	.60		
2328	See 5Z-289			
2331	See 5Z-290			
2332 BRACE SCREWDRIVER (Magnet screws, 13-3/4" long)				
Jan 11	2332	.50		
May 15	2332	.25		
Feb 16	2332	.50		
Feb 17	3Z-653	.35		
2333	See 5Z-162			
2335 "L" SOCKET WRENCH (5/8" cylinder head bolts)				
Jan 11	2335	.50		(Combination open end and socket wrench)
Jan 13	2335	.50		
2335 WRENCH (Spark plug and cylinder head)				REGULAR EQUIPMENT
Oct 13	5893	.50		
May 15	5893	.30		
Oct 17	5893	.35		
Nov 18	5893	.60		
Dec 18	5893	.50		
Aug 23	5893	.40		
Apr 27	5893	.35		
Oct 27	5893	.35		
2336 TOOL ROLL				REGULAR EQUIPMENT
Jan 11	---	.35		
May 12	1979	.35		
May 15	1979	.25		
Nov 16	1979	.30		
May 17	1979	.35		
Apr 19	1979	.30		
Aug 23	1979	.25		
Jun 24	1979	.20		
Aug 26	1979A	.20		
Oct 27	1979A	.20		

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
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2337 OIL CAN REGULAR EQUIPMENT

Jan 11	----		.20	
May 12	1384		.20	
Jan 13	3425/342		.20	
May 15	3425/342		.15	
Jun 18	1384		.15	
Nov 19	1384		.25	
Aug 20	1384		.40	
Jul 21	1384		.30	
Jun 22	1384		.25	
Aug 23	1384		.20	
Oct 27	1384		.20	

2338 TIRE PUMP REGULAR EQUIPMENT

Dec 11	----		4.50	
May 12	1368		4.50	
May 15	1368		2.00	
Feb 17	1368		1.30	
Oct 17	1368		1.50	
Aug 20	1368		2.00	
Nov 21	1368		1.75	
Jun 22	1368		1.50	
Aug 23	1368		1.40	
Nov 23	1368		1.30	
May 25	1368		1.10	
Dec 25	1368		1.00	
Oct 27	1368		1.00	

2339 SPEEDOMETER WRENCH

Dec 11	----		.20	
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2340 TIRE IRON REGULAR EQUIPMENT

Dec 11	----		.15	
May 12	2340		.15	
Jan 13	4069		.15	
May 15	4069		.10	
Feb 17	3Z-703		.10	
Nov 18	4069		.15	
Oct 27	4069		.15	

2341 See 3Z-619

2341B See 5Z-156

2342 See 5Z-324

2342 METAL TOOL BOX (21 x 9 x 9")

Jan 13	3409		4.00	
Jan 14	3409		2.50	

2343 JACK REGULAR EQUIPMENT

May 17	3389		.95	
Oct 17	3389		1.20	
Dec 17	3389		1.00	
Mar 20	3389		1.50	
Dec 20	3389		2.00	
Nov 21	3389		1.50	
Mar 24	3389		1.40	
May 25	3389		1.25	
Oct 26	3389		1.00	
Oct 27	3389		1.00	

2344 JACK HANDLE

Dec 25	3391		.15	
Oct 27	3391		.15	

2891 "T" SOCKET WRENCH (Wire wheels, 10" bar)

Aug 26	Use 5Z161			
Jan 27	2839		.45	(8-1/4" high)
Oct 27	2839		.45	

TT3389X JACK (Truck)

Jun 18	3389		2.25	
Nov 19	3389		2.50	
Mar 20	3389		3.00	
Dec 22	3389		2.50	
Mar 24	3389		2.40	
Dec 25	3389		2.25	
Oct 26	3389		1.75	

TT3389BX

Jan 27	3389B		1.75	
Oct 27	3389B		1.75	

TT3391X JACK HANDLE (Truck jack)

Dec 25	----		.20	
Oct 27	----		.20	

4000 See 1926

4001 See 1928

4002 See 5Z-210

4003 See 3Z-598

4004 See 1925

4005 See 1927

4006 See 5Z-326

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
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4007 See 5Z-287

4008 See 5Z-280

4010 See 5Z-319

4011 See 20Z-340

TT4069 LARGE TIRE IRON (Old 5Z-322)

Dec 22	----		.45	
Jun 24	----		.40	
Oct 27	----		.40	

TT5893XWRENCH (Spark plug, cylinder head, rim nut --- Truck)

Dec 25	----		.40	
Oct 26	----		.35	
Oct 27	----		.35	

3Z-79A CAMSHAFT PULLER (Service Bulletin, Sept. 15, 1919)

3Z-598 BRACE SOCKET WRENCH (9/16" for 3/8" cap screws)

4003				
Jun 09	1924		.30	(12" long)
Apr 10	1924		.50	
1924				
Jan 11	1924		.50	
May 15	1924		.30	
Feb 17	3Z-598		.20	
3Z-598				
Oct 17	3Z-598		.20	
Dec 17	3Z-598		.35	

3Z-601 See 5Z-210

3Z-602 See 5Z-319

3Z-604 See 5Z-280

3Z-211 See 5Z-326

3Z-612 See 5Z-287

3Z-614 See 5Z-314

3Z-615 "L" SOCKET WRENCH (Differential case stud nut)

Oct 17	3Z-615		.40	
Nov 18	3Z-615		.60	
Dec 18	3Z-615		.60	

3Z-616 See 5Z-152

3Z-617 See 5Z-457

3Z-617-1 See 20Z-340

3Z-617-2 See 20Z-340-1

3Z-617-3 See 21Z-356

3Z-619 "L" WRENCH (Main bearing bolt)

2341				
May 12	2069		.50	
May 15	2069		.25	
Feb 17	3Z-619		.25	
3Z-619				
Oct 17	3Z-619		.40	
Jun 18	3Z-619		.45	
Nov 18	3Z-619		.75	
Dec 18	3Z-619		.60	
Nov 21	3Z-619		.45	
Apr 22	3Z-619		.50	
Jun 22	3Z-619		.50	

3Z-620 See 5Z-158

3Z-624 See 5Z-204

3Z-627 See 5Z-196

3Z-628 MOTOR LIFTING TONGS

Jul 20	3Z628		3.00	(Listed in Service Bulletins)
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3Z-629 OPEN END WRENCH (Rear spring perch nut)

Oct 17	3Z-629		.90	
Dec 17	3Z-629		1.00	
Jul 18	3Z-629		1.00	

3Z-631 COMMUTATOR ROD BENDING IRON

(Service Bulletins May 15, 1919)

3Z-643 See 5Z-160

3Z-644 See 5Z-153

3Z-645 See 5Z-155

3Z-646 See 5Z-195

3Z-647 See 5Z-209

3Z-652 See 5Z-290

3Z-655 See 5Z-162

3Z-657 BODY LIFTING HOOK

(Booklet, "Service Equipment for Ford Agents")

3Z-670 BRACE WRENCH (Fan bracket bolt nut)

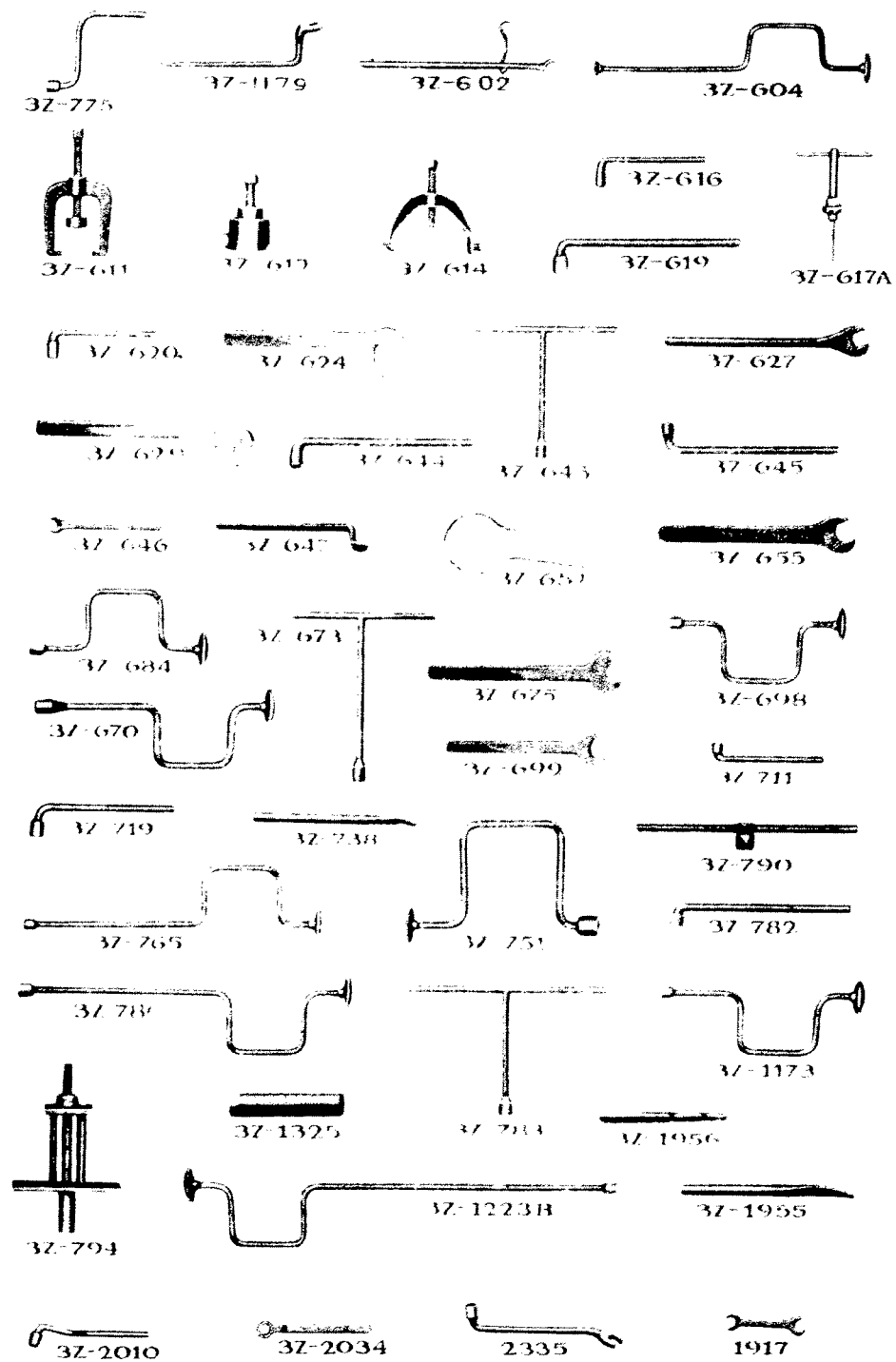
Oct 17	3Z-670		.80	
Dec 17	3Z-670		1.00	
Dec 18	3Z-670		.75	
Apr 19	3Z-670		.75	

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
3Z-671 WRENCH (Dash to body bracket bolt nut)				
Oct 17	3Z-671	.80		
Dec 17	3Z-671	1.00		
3Z-672 PEDAL BENDING IRON				(Service Bulletin, Feb. 1, 1920)
3Z-673	See 5Z-161			
3Z-675	See 5Z-206			
3Z-684 BRACE WRENCH (Running board bolt nuts, 19/32" square)				
Oct 17	3Z-684	.80		
Dec 17	3Z-684	.90		
Jun 18	3Z-684	1.00		
Jul 18	3Z-684	1.00		
3Z-686	See 5Z-212			
3Z-698 BRACE WRENCH (5/8")				
Oct 17	3Z-698	.70		
Dec 17	3Z-698	.90		
Nov 18	3Z-698	1.25		
Dec 18	3Z-698	1.00		
Apr 19	3Z-698	.80		
Jul 21	Use 5Z-285			
Nov 21	3Z-698	.40		
Apr 23	3Z-698	.40		
3Z-699	See 5Z-193			
3Z-701 HUB CAP WRENCH				(Booklet, "Service Equipment for Ford Agents")
3Z-702 BRACE WRENCH (Radiator stud nut)				
Oct 17	3Z-702	.80		
Dec 17	3Z-702	1.00		
3Z-703	See 5Z-322			
3Z-711 "L" SOCKET WRENCH (Cylinder head bolt, truck)				(Also for rear axle housing)
Oct 17	3Z-711	.40		
Dec 17	3Z-711	.50		
Apr 18	3Z-711	.50		
Jun 18	3Z-711	.50		Now listed for truck axle
Aug 20	3Z-711	.50		
3Z-719	See 5Z-154			
3Z-738 RIVETING BAR (For starting crank ratchet pin)				
Oct 17	3Z-738	.50		
Jun 18	3Z-738	.60		
Aug 20	3Z-738	.60		
3Z-744 PEDAL ADJUSTING IRON				(Service bulletin, Feb. 1, 1920)
3Z-751	See 5Z-286			
3Z-755 "L" SOCKET WRENCH (3/8")				
3Z-765 BRACE WRENCH (Coil box to dash bolt nut)				
Oct 17	3Z-765	.75		
Dec 17	3Z-765	.90		
Dec 18	3Z-765	.50		
Jul 19	3Z-765	.75		
Mar 20	3Z-765	.75		
3Z-775 SOCKET WRENCH (9/16" for cap screws, 8-7/16" long)				
Apr 18	3Z-775	.40		
Nov 18	3Z-775	.50		
Apr 19	3Z-775	.40		
Jul 19	3Z-775	.50		
Nov 19	3Z-775	.60		
Jul 21	Use 5Z-155			
Jun 22	3Z-775	.30		
Apr 23	3Z-775	.30		
3Z-783	See 5Z-156			
3Z-783	See 5Z-159			
3Z-786	See 5Z-285			
3Z-788 SPARK PLUG BRACE WRENCH				(Service Bulletin, Apr. 1, 1920)
3Z-790	See 5Z-165			
3Z-794 PULLER (Cam shaft)				
Oct 17	3Z-794	1.70		
Jun 18	3Z-794	2.00		
Nov 18	3Z-794	3.00		
Dec 18	3Z-794	3.00		
3Z-1173	See 5Z-289			
3Z-1179	See 5Z-210			
3Z-1223B	See 5Z-289			

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
3Z-1325 DRIVER (Front spindle inner bearing cone)				
Oct 17	3Z-1325	.60		
Dec 17	3Z-1325	.75		
Jul 18	3Z-1325	.75		
3Z-1327 "L" WRENCH (Steering post nut, 49/64")				
Oct 17	3Z-1327	.60		
3Z-1955 DRIFT (Front wheel ball race)				
Oct 17	3Z-1955	.30		
Jul 18	3Z-1955	.40		
May 20	3Z-1955	.50		
3Z-1956	See 5Z-232			
3Z-2010	See 5Z-157			
3Z-2034	See 5Z-324			
3Z-2231 VALVE SEAT WRENCH (Kingston carburetor)				
3Z-2232 VALVE SEAT TOOLS (Kingston carburetor)				
3Z-2233				
3Z-2234 FLOAT GAUGE (Kingston carburetor)				
3Z-2235 FLOAT ADJUSTER (Kingston carburetor)				(These Kingston tools listed in Service Bulletin, July 1, 1919)
3Z-2256 REAR WHEEL PULLER (Truck)				
3Z-2257	See 5Z-288			
3Z-2304	See 5Z-325			
3Z-2316	See 5Z-313			
3Z-2336 SET OF KINGSTON CARBURETOR TOOLS				(Service Bulletin, July 1, 1919)
3Z-2393 GAUGE (Service Bulletin, January 1, 1920)				
3Z-3217 SPRAY NOZZEL WRENCH (Holley carburetor,				Service Bulletin, July 1, 1919)
3Z-3217-1 SPRAY NOZZEL WRENCH (Holley carburetor,				Service Bulletin, Dec. 15, 1919)
3Z-3218 FLOAT VALVE SEAT WRENCH (Holley carburetor,				Service Bulletin, July 1, 1919)
3Z-3219 FLOAT VALVE SEATING TOOL				(Ford Owner, June 1924)
3Z-3220 OVERFLOW TUBE WRENCH (Holley carburetor,				Service Bulletin, July 1, 1919)
3Z-3221 LOW SPEED TUBE TOOL (Holley carburetor,				Ford Owner, June 1924)
3Z-3222 INLET NEEDLE SEATING TOOL (Holley carburetor,				Service Bulletin, July 1, 1919)
3Z-3222-2 INLET NEEDLE SEATING TOOL (Holley carburetor,				Service Bulletin, Nov. 15, 1919)
3Z-3223 FLOAT SEATING TOOL (Holley carburetor,				Service Bulletin, Nov. 15, 1919)
3Z-4114 INLET NEEDLE SEATING TOOL (Holley & Kingston,				Service Bulletin, 11-1-19)
3Z-4120 FLOAT VALVE SEATING TOOL (Holley & Kingston,				Service Bulletin, 11-1-19)
3Z-4137	See 5Z-163			
3Z-4675 SPRAY NOZZEL WRENCH (Holley carburetor,				Service Bulletin, Nov. 1, 1919)
3Z-4712	See 5Z-323			
3Z-4730	See 5Z-319			
5Z-152 "L" WRENCH (Rear axle housing bolt nut, for 3/8" nuts)				1975
Jan 11	1975	.50		(7-25/64" long)
May 15	1975	.25		
Feb 17	3Z-616	.20		
3Z-616				
Oct 17	3Z-616	.25		
Dec 17	3Z-616	.30		
Nov 18	3Z-616	.60		
Apr 19	3Z-616	.50		
5Z-152				
Dec 20	5Z-152	.50		
Jul 21	5Z-152	.40		
Oct 26	5Z-152	.30		
Oct 27	5Z-152	.30		



Tool Illustrations used 1917 – 1920.

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
5Z-153 "L" SOCKET WRENCH (For crankshaft bearing bolt)				
2321	Jan 11	2321	.50	(12-1/32" long)
	May 15	2321	.30	
	Feb 17	3Z-644	.30	
3Z-644	Oct 17	3Z-644	.30	
	Apr 18	3Z-644	.40	
	Nov 18	3Z-644	.70	
	Apr 19	3Z-644	.50	
	Nov 19	3Z-644	.60	
	May 20	3Z-644	.70	
5Z-153	Dec 20	5Z-153	.70	
	Jul 21	5Z-153	.60	
	Jun 24	5Z-153	.50	
	Oct 26	5Z-153	.40	
	Oct 27	5Z-153	.40	
5Z-154 "L" SOCKET WRENCH (Body bracket bolt)				
3Z-719	Oct 17	3Z-719	.45	
	Jul 18	3Z-719	.60	
	Nov 18	3Z-719	.90	
	Apr 19	3Z-719	.65	
5Z-154	Dec 20	5Z-154	.65	
	Jul 21	5Z-154	.50	
	Nov 21	5Z-154	.40	
	Apr 22	5Z-154	.30	
	Oct 27	5Z-154	.30	
5Z-155 "L" SOCKET WRENCH (9/16" 12" long)				
2322	Jan 11	2322	.50	
	May 15	2322	.30	
	Feb 17	3Z-645	.30	
3Z-645	Oct 17	3Z-645	.30	
	Nov 18	3Z-645	.60	
	Apr 19	3Z-645	.50	
	Nov 19	3Z-645	.60	5Z-155 later
5Z-155	Dec 20	5Z-155	.60	
	Jul 21	5Z-155	.50	
	Nov 21	5Z-155	.40	
	Apr 22	5Z-155	.45	
	Oct 26	5Z-155	.35	
	Oct 27	5Z-155	.35	
5Z-156 "L" SOCKET WRENCH (Main bearing bolt, square head)				
2341B	Oct 14	7427	.50	
	May 15	7427	.25	
	Feb 17	3Z-782	.25	
3Z-782	Oct 17	3Z-782	.40	
	Nov 18	3Z-782	.75	
	Dec 18	3Z-782	.60	
	Apr 19	3Z-782	.50	
5Z-156	Dec 20	5Z-156	.50	
	Jun 24	5Z-156	.45	
	Oct 26	5Z-156	.35	
	Oct 27	5Z-156	.35	
5Z-157 "L" SOCKET WRENCH (#4 connecting rod)				
3Z-2010	Oct 17	3Z-2010	.30	
	Jul 18	3Z-2010	.40	
	Nov 18	3Z-2010	.75	
	Apr 19	3Z-2010	.50	
	Jul 19	3Z-2010	.40	
	Nov 19	3Z-2010	.50	
5Z-157	Dec 20	5Z-157	.50	
	Nov 21	5Z-157	.40	
	Oct 26	5Z-157	.30	
	Oct 27	5Z-157	.30	

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
5Z-158 "L" SOCKET WRENCH (Driveshaft and rear axle stud nut)				
1974B	Dec 11	----	.40	For 13/32" nuts
	May 12	2073	.40	
	May 15	2073	.25	
	Feb 17	3Z-620	.20	
3Z-620	Oct 17	3Z-620	.35	
	Nov 18	3Z-620	.60	
	Apr 19	3Z-620	.50	
5Z-158	Dec 20	5Z-158	.50	
	Jun 24	5Z-158	.45	
	Oct 26	5Z-158	.30	
	Oct 27	5Z-158	.30	
5Z-159 "T" SOCKET WRENCH (Connecting rods)				
3Z-783	Oct 17	3Z-783	1.25	
	Apr 18	3Z-783	1.00	
	Nov 18	3Z-783	1.50	
	Apr 19	3Z-783	1.00	
	Jul 19	3Z-783	.90	
5Z-159	Dec 20	5Z-159	.90	
	Jul 21	5Z-159	.75	
	Apr 22	5Z-159	.55	
	Oct 26	5Z-159	.45	
	Oct 27	5Z-159	.45	
5Z-160 "T" SOCKET WRENCH (9/16", 9-1/4" long)				
2320	Jan 11	2320	.50	
	Feb 17	3Z-643	.30	
	May 17	3Z-643	.35	
3Z-643	Oct 17	3Z-643	.35	
	Dec 17	3Z-643	.30	
	Jun 18	3Z-643	.45	
	Nov 18	3Z-643	.60	
	Nov 19	3Z-643	.75	
5Z-160	Dec 20	5Z-160	.75	
	Jun 24	5Z-160	.60	
	May 25	5Z-160	.50	
	Oct 26	5Z-160	.45	
	Oct 27	5Z-160	.45	
5Z-161 "T" SOCKET WRENCH (Front and center body bracket bolt nut)				
3Z-673	Oct 17	3Z-673	.80	
	Nov 18	3Z-673	1.00	
	Apr 19	3Z-673	.75	
	May 20	3Z-673	1.00	
5Z-161	Dec 20	5Z-161	1.00	
	Jul 21	5Z-161	.80	
	Nov 21	5Z-161	.65	
	Apr 22	5Z-161	.55	
	Jun 24	5Z-161	.50	
	May 25	5Z-161	.45	
	Oct 26	5Z-161	.40	Also wire wheel lug wrench
	Oct 27	5Z-161	.40	in August 1926 parts book.
5Z-162 OFFSET END WRENCH (Large cam gear lock nut, 14" long)				
2333	Jan 11	2333	.40	
	May 15	2333	.30	
	Feb 17	3Z-655	.30	
3Z-655	Oct 17	3Z-655	.45	
	Dec 17	3Z-655	.50	
	Apr 18	3Z-655	.60	
	Nov 18	3Z-655	.80	
	Apr 19	3Z-655	.70	
5Z-162	Dec 20	5Z-162	.70	
	Jul 21	5Z-162	.60	
	Nov 21	5Z-162	.55	
	Jun 24	5Z-162	.75	
	May 25	5Z-162	.75	5Z-821 later

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
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5Z-163 WRENCH (Generator third brush)

3Z-4137

Aug 20	3Z-4137	.30	
Jul 21	5Z-163	.30	
Nov 21	5Z-163	.25	
Apr 22	5Z-163	.20	
Jul 24	5Z-163	.20	5Z-249 later

5Z-165 "T" WRENCH (Driveshaft pinion)

3Z-790

Oct 17	3Z-790	1.50	
Dec 18	3Z-790	1.20	
Apr 19	3Z-790	1.00	

5Z-165

Dec 20	5Z-165	1.00	
Jul 21	5Z-165	.80	
Nov 21	5Z-165	.70	
Apr 22	5Z-165	.65	
Jun 24	5Z-165	.60	
Oct 26	5Z-165	.55	
Oct 27	5Z-165	.55	

5Z-193 OPEN END WRENCH (Spindle cone adjusting)

3Z-699

Oct 17	3Z-699	.50	
Dec 18	3Z-699	.75	
Apr 19	3Z-699	.60	
Jul 19	3Z-699	.50	

5Z-193

Dec 20	5Z-193	.50	
Jul 21	5Z-193	.40	
Nov 21	5Z-193	.30	
Apr 22	5Z-193	.25	
Jun 24	5Z-193	.35	
Oct 27	5Z-193	.35	

5Z-195 OPEN END WRENCH (9/16", 7-1/2" long)

2323

Jan 11	2323	.35	
May 15	2323	.20	
Feb 17	3Z-646	.15	

3Z-646

Oct 17	3Z-646	.25	
Dec 17	3Z-646	.30	
Nov 18	3Z-646	.50	
Dec 18	3Z-646	.30	

5Z-195

Dec 20	5Z-195	.30	
Apr 22	5Z-195	.25	
Oct 26	5Z-195	.20	
Oct 27	5Z-195	.20	

5Z-196 OPEN END WRENCH (Rear axle entering)

3Z-627

Oct 17	3Z-627	.40	
Dec 17	3Z-627	.90	
Jun 18	3Z-627	1.00	
Nov 18	3Z-627	1.50	
Dec 18	3Z-627	1.25	
Apr 19	3Z-627	1.00	
Jul 19	3Z-627	.75	

5Z-196

Dec 20	5Z-196	.75	
Jul 21	5Z-196	.50	
Nov 21	5Z-196	.40	
Apr 22	5Z-196	.30	
Oct 26	5Z-196	.35	
Oct 27	5Z-196	.35	

5Z-197 OPEN END WRENCH (Rear spring perch)

Dec 25	5Z-197	1.25	
Oct 26	5Z-197	1.00	
Apr 27	5Z-197	.65	
Oct 27	5Z-197	.65	

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
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5Z-204 OPEN END WRENCH (Exhaust pack nut)

3Z-624

Oct 17	3Z-624	1.20	
Dec 17	3Z-624	1.00	
Nov 18	3Z-624	1.50	
Dec 18	3Z-624	1.25	

5Z-204

Dec 20	5Z-204	1.25	
Jul 21	5Z-204	1.25	
Nov 21	5Z-204	1.00	
Jun 24	5Z-204	.90	
Oct 26	5Z-204	.80	
Oct 27	5Z-204	.80	

5Z-206 OPEN END WRENCH (Rear axle)

3Z-675

Oct 17	3Z-675	.90	
Dec 17	3Z-675	1.00	
Dec 18	3Z-675	1.15	
Apr 19	3Z-675	1.00	

5Z-206

Dec 20	5Z-206	1.00	
Jul 21	5Z-206	.80	
Nov 21	5Z-206	.70	
Apr 22	5Z-206	.65	
Jun 24	5Z-206	.55	

5Z-206R

May 25	5Z-206R	.55	
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5Z-206 DOUBLE OPEN END WRENCH

(Rear axle and rear spring perch)

May 25	----	.80	
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5Z-209 OFFSET END WRENCH (Connecting rod clamp screw)

2324

Jan 11	2324	.40	10-1/4" long
May 15	2324	.35	
Feb 17	3Z-647	.35	

3Z-647

Oct 17	3Z-647	.35	
Jul 18	3Z-647	.40	
Nov 18	3Z-647	.75	
Dec 18	3Z-647	.50	
Nov 19	3Z-647	.75	

5Z-209

Dec 20	5Z-209	.75	
Jul 21	5Z-209	.60	
Nov 21	5Z-209	.45	
Oct 26	5Z-209	.40	
Oct 27	5Z-209	.40	

5Z-210 WRENCH (Flywheel cap screw, 11-3/8" long)

4002

Jun 09	1929	.30	
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1929

Jan 11	1929	.30	
Feb 17	1929	.20	

3Z-601

Oct 17	3Z-601	.25	
Dec 17	3Z-601	.35	
Apr 18	3Z-601	.35	

3Z-1179 (13-1/2" long)

Jun 18	3Z-1179	.60	
Nov 18	3Z-1179	.75	
Apr 19	3Z-1179	.60	
Nov 19	3Z-1179	.90	
May 20	3Z-1179	1.25	

5Z-210

Dec 20	5Z-210	1.25	
Jul 21	5Z-210	1.00	
Nov 21	5Z-210	.75	
Jun 24	5Z-210	.65	
May 25	5Z-210	.60	
Oct 26	5Z-210	.55	
Oct 27	5Z-210	.55	

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
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5Z-212 OPEN END WRENCH (23/32" for body bracket bolt)

3Z-686				
Oct 17	3Z-686	.30		
Nov 18	3Z-686	.50		
Jul 19	3Z-686	.40		

5Z-212				
Dec 20	5Z-212	.40		
Jul 21	5Z-212	.30		
Apr 22	5Z-212	.25		

5Z-212-1				
May 25	5Z-212-1	.25		
Oct 27	5Z-212-1	.25		

5Z-212-2 OPEN END WRENCH (21/32" for body bracket bolt)

May 25	5Z-212-2	.25		
Oct 27	5Z-212-2	.25		

5Z-232 DRIVER (Spindle arm bushing)

3Z-1956				
Oct 17	3Z-1956	.90		

5Z-232				
Dec 20	5Z-232	.90		
Jul 21	5Z-232	.60		
Nov 21	5Z-232	.40		
Apr 22	5Z-232	.30		
Aug 23	5Z-232	.40		
Oct 26	5Z-232	.35		
Oct 27	5Z-232	.35		

5Z-233 SPINDLE ARM BUSHING DRIVER (Also 5Z-1956)

5Z-248 WRENCH (Rear axle nut)

Dec 25	5Z-248	1.25		
Apr 27	5Z-248	.90		
Oct 27	5Z-248	.90		

5Z-249 WRENCH (Generator third brush, new style)

5Z-249				
Dec 20	5Z-249	.30		
Nov 21	5Z-249	.25		
Apr 22	5Z-249	.20		
May 25	5Z-249	.10	5Z-806 later	

5Z-280 VALVE GRINDER (Speed wrench type)

4009				
Jun 09	1957	1.00		

1957				
Jan 11	1957	1.00		
May 15	1957	.75		
Feb 17	3Z-604	.75		

3Z-604				
Oct 17	3Z-604	.90		
Nov 18	3Z-604	1.25		
Apr 19	3Z-604	1.00		
Jul 21	3Z-604	.75		

5Z-280				
Sep 21	5Z-280	.75		
May 25	5Z-280	.60		
Oct 26	5Z-280	.50		
Oct 27	5Z-280	.50		

5Z-285 BRACE WRENCH (Cylinder head cap screws)

3Z-786				
Oct 17	3Z-786	.75		
Dec 17	3Z-786	.90		
Nov 18	3Z-786	1.20		
Apr 19	3Z-786	1.00		

5Z-285				
Jul 21	5Z-285	.80		
Sep 21	5Z-285	.75		
Jun 24	5Z-285	.65		
May 25	5Z-285	.60		
Oct 26	5Z-285	.50		
Oct 27	5Z-285	.50		

5Z-286 BRACE WRENCH (Rear axle housing plug)

3Z-751				
Oct 17	3Z-751	1.00		
Dec 17	3Z-751	1.20		
Apr 19	3Z-751	1.00		
May 20	3Z-751	1.25		

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
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5Z-286				
Jul 21	5Z-286	1.00		
Sep 21	5Z-286	.80		
Jun 24	5Z-286	.65		
Jul 24	5Z-286	.65		

5Z-287 REAR WHEEL PULLER

4007				
Jun 09	1940	2.00		

1933X				
Jan 11	1933	1.50		
May 12	1933/1945	1.50		
Oct 14	1933/1945	1.00		
May 15	1933/1945	.75		
Feb 17	3Z-605/-607	.75		

3Z-612				
Oct 17	3Z-612	1.00		
Dec 17	3Z-612	.90		
Apr 18	3Z-612	1.00		
Nov 18	3Z-612	1.25		
Jul 19	3Z-612	1.00		
Nov 19	3Z-612	1.50		

5Z-287				
Jul 21	5Z-287	1.50		
Nov 21	5Z-287	1.25		
Dec 22	5Z-287	1.00		
Jun 24	5Z-287	.80		
Oct 26	5Z-287	.65		
Apr 27	5Z-287	.65	5Z-1170 later	

5Z-288 REAR WHEEL PULLER ASSEMBLY

3Z-2257				
Apr 18	3Z-2257	1.00	(Truck)	
Nov 19	3Z-2257	1.25		
May 20	3Z-2257	1.50		

5Z-288				
Jul 21	5Z-288	1.50		
Dec 22	5Z-288	1.20		
Jun 24	5Z-288	1.00		
Oct 26	5Z-288	.80	5Z-1171 later	

5Z-289 BRACE WRENCH (Front radius rod ball cap screw)

3Z-1173				
Oct 17	3Z-1173	.60		
Dec 17	3Z-1173	.90		
Nov 18	3Z-1173	1.20		
Apr 19	3Z-1173	1.00		
Jul 21	Use 5Z-289			

2328	(9/16", 24-3/8" long)			
Jan 11	2328	.60		
May 15	2328	.40		
Feb 16	2328	.75		
Feb 17	Use 3Z-1223B			

3Z-1223B				
Oct 17	3Z-1223B	.90		
Apr 18	3Z-1223B	1.00		
Nov 18	3Z-1223B	1.50		
Dec 18	3Z-1223B	1.30		
Apr 19	3Z-1223B	1.00	5Z-289 later	

5Z-289				
Jul 21	5Z-289	1.00		
Nov 21	5Z-289	.85		
Apr 22	5Z-289	.75		
Jun 24	5Z-289	.65		
May 25	5Z-289	.65		

5Z-289-1 BRACE WRENCH (Transmission cover bolt and nut)

Apr 26	5Z-289-1	.55		
Oct 26	5Z-289-1	.50		
Oct 27	5Z-289-1	.50		

5Z-289-2 SOCKET WRENCH

	(Radiator stud, and crankcase to cylinder nut)			
Dec 25	5Z-289-2	.65		
Oct 26	5Z-289-2	.55		
Oct 27	5Z-289-2	.55		

5Z-289-3 BRACE WRENCH (Universal ball cap)

Apr 26	5Z-289-3	.70		
Oct 26	5Z-289-3	.60		
Oct 27	5Z-289-3	.60		

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
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5Z-290 PISTON RING SQUEEZER

2331	Jan 11	2331	.25	
	May 15	2331	.20	
	Feb 17	3Z-652	.20	
3Z-652	Oct 17	3Z-652	.60	
	Apr 18	3Z-652	.35	
	Jul 19	3Z-652	.25	
	May 20	3Z-652	.30	
5Z-290	Jul 21	5Z-290	.30	
	Oct 27	5Z-290	.30	

5Z-313 FIXTURE For Assembling Roller Bearing Cups

3Z-2316	Jul 21	3Z-2316	8.00	
5Z-313	Sep 21	5Z-313	8.00	
	Jun 22	5Z-313	8.00	

5Z-314 TRANSMISSION CLUTCH DRUM PULLER

4008	Jun 09	1954	1.50	
1953X	Jan 11	1953	1.50	
	May 12	1370/1953/1955	1.50	
	May 15	1370/1953/1955	1.25	
	Feb 17	3Z-613/3Z-609	1.25	
3Z-614	Oct 17	3Z-614	.75	
	Apr 18	3Z-614	.60	
	Jun 18	3Z-614	1.00	
	Nov 18	3Z-614	1.50	
	Apr 19	3Z-614	1.50	
5Z-314	Sep 21	5Z-314	1.25	
	Nov 21	5Z-314	1.00	
	Dec 22	5Z-314	.75	
	Jun 24	5Z-314	.65	
	Oct 26	5Z-314	.55	
	Oct 27	5Z-314	.55	

5Z-319 VALVE SPRING LIFTER (15" long)

4010	Jun 09	1930	.50	
1930X	Jan 11	1930	.75	
	May 12	1930/1938	.75	
	May 15	1930/1938	.40	
	Feb 17	3Z-602	.25	
	May 17	3Z-602	.35	
3Z-602	Oct 17	3Z-602	.35	
	Apr 18	3Z-602	.60	
	Nov 18	3Z-602	.80	
	Apr 19	3Z-602	.50	
	Jul 19	3Z-602	.40	
3Z-4730	May 20	3Z-4730	.50	
5Z-319	Sep 21	5Z-319	.50	
	Nov 21	5Z-319	.40	
	Apr 22	5Z-319	.30	(5Z-319-1 lever)
	Oct 27	5Z-319	.30	(5Z-319-2 hook)

5Z-320 PULLER (Small timing gear)

	Aug 26	5Z-320	.80	
	Oct 26	5Z-320	.75	
	Apr 27	5Z-320	.65	
	Oct 27	5Z-320	.65	

5Z-322 TIRE IRON

3Z-703	Apr 19	3Z-703	.50	
	May 20	3Z-703	.60	
	Jul 21	3Z-703	.60	
5Z-322	Sep 21	5Z-322	.60	
	Nov 21	5Z-322	.50	
	Apr 22	5Z-322	.45	
	Jun 22	5Z-322	.45	
	Dec 22	Use TT-4069		

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
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5Z-323 PULLER (Bendix shaft head)

3Z-4712	Aug 20	3Z-4712	1.50	
5Z-323	Sep 21	5Z-323	1.50	
	Nov 21	5Z-323	1.25	
	Dec 22	5Z-323	1.00	
	Jun 24	5Z-323	.80	
	May 25	5Z-323	.60	
	Oct 26	5Z-323	.50	
	Oct 27	5Z-323	.50	

5Z-324 RATCHET WRENCH (Transmission band adjustment)

2342	Jun 16	7472	.75	
	Feb 17	16Z-1411	.75	
3Z-2034	Oct 17	3Z-2034	.50	
	Nov 18	3Z-2034	.60	
	Apr 19	3Z-2034	.50	
	Nov 19	3Z-2034	.60	
	Jul 21	3Z-2034	.50	
5Z-324	Sep 21	5Z-324	.50	
	May 25	5Z-324	.30	

5Z-325 BRACE WRENCH WITH UNIVERSAL JOINT

3Z-2304	Mar 20	3Z-2304	2.50	#4 connecting rod
5Z-325	Sep 21	5Z-325	2.50	
	Jun 24	5Z-325	2.00	
	May 25	5Z-325	1.80	
	Dec 25	5Z-325	1.60	
	Oct 26	5Z-325	1.50	
	Oct 27	5Z-325	1.50	

5Z-326 TRANSMISSION GEAR PULLER

4006	Jun 09	1939	1.50	Listed as "Cam gear puller until 1921, then shown as the puller for both gears.
1936X	Jan 11	1936	1.50	
	May 12	1936/1937	1.50	
	May 15	1936/1937	1.00	
	Feb 17	3Z-608/-609	1.00	
	May 17	3Z-608/-609	.60	
3Z-611	Oct 17	3Z-611	.60	
	Apr 18	3Z-611	1.00	
	Jun 18	3Z-611	2.00	
	Nov 19	3Z-611	2.25	
	Jul 21	3Z-611	2.00	
5Z-326	Sep 21	5Z-326	2.00	
	Nov 21	5Z-326	1.50	
	Jun 24	5Z-326	1.70	
	Dec 25	5Z-326	1.50	
	Oct 27	5Z-326	1.50	

5Z-361 PULLER (Large timing gear) 16Z-4992

	Aug 20	16Z-4992	11.00	
	Feb 22	16Z-4992	11.00	
5Z-361	Apr 22	5Z-361	11.00	
	Dec 22	5Z-361	9.00	
	Jun 24	5Z-361	7.00	
	May 25	5Z-361	6.50	
	Oct 26	5Z-361	6.00	
	Oct 27	5Z-361	6.00	

5Z-362 CAM GEAR PULLER (Three spoke design)

	Dec 22	5Z-362	6.50	
	May 25	5Z-362	6.00	
	Oct 27	5Z-362	6.00	

5Z-445 TRANSMISSION BAND CLAMP

	May 25	5Z-445	.15	
	Oct 27	5Z-445	.15	

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
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5Z-457 VALVE SEAT REAMER

4011	Jun 09	----	3.00	
1978	Jan 11	1978	2.50	
	May 15	1978	1.50	
	Feb 17	3Z-617	1.50	
3Z-617	Oct 17	3Z-617	1.50	
3Z-617-1	Jun 18	3Z-617-1	2.10	
	Jul 18	3Z-617-1	2.50	
	Nov 18	3Z-617-1	3.00	
	Apr 19	3Z-617-1	2.50	
	Aug 19	3Z-617-1	2.75	
20Z-340	Jul 21	20Z-340	2.75	
	Dec 21	20Z-340	2.00	
	Jun 22	20Z-340	2.00	
	Dec 22	5Z-457	2.50	
	May 25	5Z-457	3.00	
	Dec 25	5Z-457	2.90	
	Oct 27	5Z-457	2.90	

5Z-591 WRENCH (Rear axle nut, truck)

Dec 25	5Z-591	1.50
Apr 27	5Z-591	1.10
Oct 27	5Z-591	1.10

5Z-806 DOUBLE END WRENCH (Generator third brush adjusting)

May 25	5Z-806	.20
Dec 25	5Z-806	.15
Oct 26	5Z-806	.10
Oct 27	5Z-806	.10

5Z-815 "T" SOCKET WRENCH (Crankshaft center main bearing)

May 25	5Z-815	.55
Oct 26	5Z-815	.50
Oct 27	5Z-815	.50

5Z-817 DOUBLE END WRENCH

	(9/16" and 5/8" for carburetor and generator bolts)	
May 25	5Z-817	.50
Oct 26	5Z-817	.45
Oct 27	5Z-817	.45

5Z-821 OPEN END WRENCH (Large timing gear nut)

May 25	5Z-821	.50
Oct 27	5Z-821	.50

5Z-829 RATCHET WRENCH

	(Double end, transmission band and oil drain)	
May 25	5Z-829	.50
Oct 26	5Z-829	.40
Oct 27	5Z-829	.40

5Z-1080 "L" SOCKET WRENCH (Front spring perch nut)

Apr 26	5Z-1080	.65
Oct 27	5Z-1080	.65

5Z-1156 BENDING IRON (Headlight bracket)

Aug 26	5Z-1156	1.25	For adjusting headlights
Oct 27	5Z-1156	1.25	

5Z-1157 PRY BAR (For rear brake spring)

Aug 26	5Z-1157	.40
Oct 27	5Z-1157	.40

5Z-1170 REAR WHEEL PULLER ASSEMBLY

Oct 26	5Z-1170	2.25	5Z-1497 later
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5Z-1171 REAR WHEEL PULLER ASSEMBLY (Truck)

Oct 26	5Z-1171	2.25	5Z-1498 later
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5Z-1172 REAR WHEEL PULLER ASSEMBLY (For wire wheels)

Oct 26	5Z-1172	1.75
Oct 27	5Z-1172	1.75

5Z-1497 REAR WHEEL PULLER ASSEMBLY (Replaces 5Z-1170)

Jan 27	5Z-1497	2.25
Oct 27	5Z-1497	2.25

5Z-1498 REAR WHEEL PULLER ASSEMBLY (Truck)

Jan 27	5Z-1498	2.25	(Replaces 5Z1171)
Oct 27	5Z-1498	2.25	

MODEL T FORD TOOLS

Part #	Catalog Date	Factory #	Price	Notes
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12Z-37 PISTON PIN REAMER (Service Bulletin, May 1924)

16Z-1411 See 5Z-324

16Z-2040 STEERING WHEEL PULLER

("Service Equipment for Ford Agents")

16Z-2053 CLAMP PLATE

(To hold cylinder block while scraping bearings)
("Service Equipment for Ford Agents")

16Z-2114 LINE REAMER

(Camshaft bearings, "Service Equipment for Ford Agents")

16Z-2809 ENGINE SUPPORT FIXTURE

(For servicing engine, "Service Equipment.....")

16Z-4349 PISTON HOLDING FIXTURE

("Service Equipment for Ford Agents")

16Z-4992 See 5Z-361

18Z-245 COIL AND MAGNETO TESTING DEVICE

(Service Bulletin, July 1, 1919)

18Z-2040 STEERING WHEEL HUB PULLER

(Service Bulletin, July 1, 1919)

20Z-9-1 FACING TOOL (Service bulletin, September 15, 1919)

20Z-340 VALVE SEAT REAMER See 5Z-457

20Z-340-1 VALVE SEAT REAMER CUTTER

3Z-617-2			
Mar 20	3Z-617-2	1.85	
20Z-340			
Dec 20	20Z-340	1.85	(P/N error?)
20Z-340-1			
Jul 21	20Z-340-1	1.65	
Dec 21	20Z-340-1	1.25	
Dec 22	20Z-340-1	1.50	
Dec 25	20Z-340-1	1.40	
Oct 27	20Z-340-1	1.40	

21Z-356 VALVE SEAT REAMER HANDLE

3Z-617-3		
Aug 20	3Z-617-3	1.50
21Z-356		
Jul 21	21Z-356	1.10
Dec 22	21Z-356	1.00
May 25	21Z-356	1.50
Oct 27	21Z-356	1.50

24Z-643 CONNECTING ROD ALIGNMENT JIG

("Service Equipment for Ford Agents")

24Z-1192 COMMUTATOR GAUGE

(Service Bulletin, July 1, 1919)

24Z-2036 CHOKE TUBE GAUGE (Holley carburetor)

(Ford Owner, June 1924)

24Z-2337 SPRAY NEEDLE GAUGE (Holley carburetor)

(Ford Owner, June 1924)

24Z-2390 LOW SPEED TUBE CLEARANCE GAUGE (Holley)

(Service Bulletin 7-1-1919)

24Z-2391 THROTTLE ROD GAUGE (Holley carburetor)

(Ford Owner, June 1924)

24Z-2392 NOZZEL GAUGE (Holley carburetor)

(Ford Owner, June 1924)

24Z-2393 FLOAT LEVEL GAUGE (Holley carburetor)

(Service Bulletin, July 1, 1919)

24Z-3990 FLOAT GAUGE & ADJUSTING TOOL

(Service Bulletin, Nov. 1, 1919)

24Z-6576 CYLINDER FRONT COVER GAUGE

(Service Bulletin, Jan. 2, 1925)

28Z-20 PISTON BUSHING REAMER

(Service Bulletin, July 1, 1919)

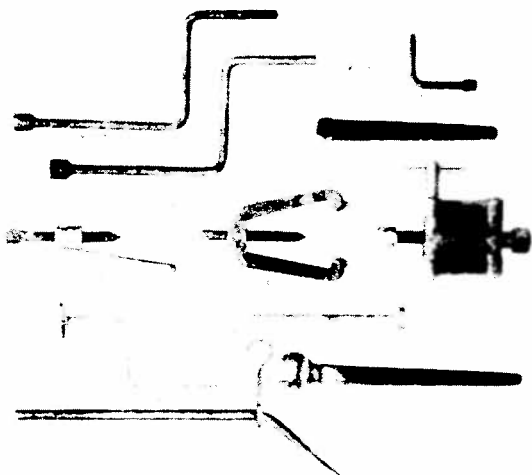
28Z-67 CAMSHAFT BEARING REAMER

(Service Bulletin, July 1, 1919)

MODEL T FORD TOOLS

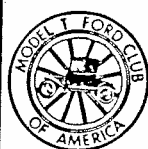
Part #	Catalog Date	Factory #	Price	Notes
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|---------|---|--|--|-------------------------------------|
| 28Z-97 | SLOW SPEED GEAR BUSHING REAMER | | | (Service Bulletin, July 1, 1919) |
| 28Z-109 | SPINDLE BUSHING REAMER | | | (Service Bulletin, July 1, 1919) |
| 28Z-132 | HIGH SPEED DRIVER GEAR BUSHING REAMER | | | (Service Bulletin, 7-1-1919) |
| 28Z-186 | SPINDLE ARM & SPRING PERCH BUSHING EXPANSION REAMER | | | (Service Bulletin, 7-1-1919) |
| 28Z-253 | REVERSE GEAR BUSHING REAMER | | | (Service Bulletin, July 1, 1919) |
| 28Z-457 | CAMSHAFT BEARING LINE REAMER | | | (Service Bulletin, July 1, 1919) |
| 56Z-168 | FORD GASKET DISPLAY BOARD | | | (Service Bulletin, January 1, 1925) |



Tool Illustrations used 1909 – 1910.

Note: Different illustrations were used during 1911, and in the mid-1920's. Our Parts Lists are of insufficient quality for reproduction here. Our collection of Parts Lists has no illustrations between 1920 and 1923. Apparently Ford figured that by this time people would know what the tools looked like.



MY OTHER CAR IS A MODEL "T" FORD

MTFCA BUMPER STICKERS

"My Other Car is a Model T Ford" bumper stickers are now available. They are 12" long and 3" high, white with blue printing, as shown above.

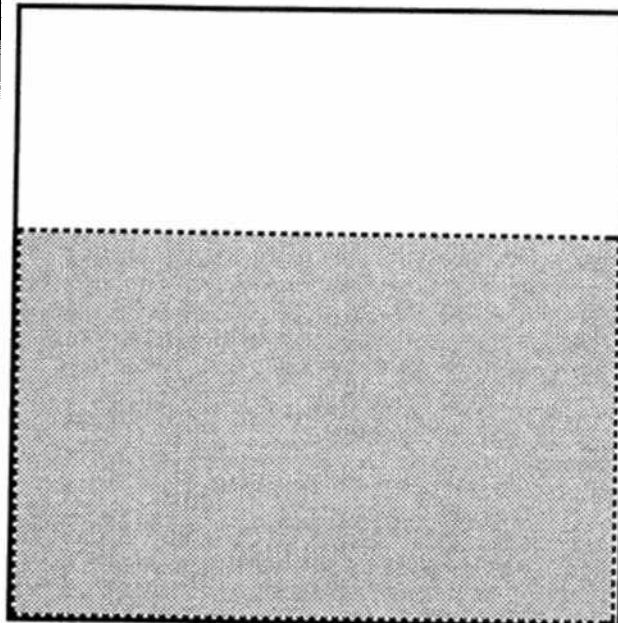
The price is just \$1.00 each, postpaid, and the can be ordered from the club at our Burbank address.

COVER PHOTOS

The Vintage Ford is seeking photos for cover pictures. Numerous members have spent a great deal of time, effort and money in providing us with quality pictures which, once enlarged and cropped, were found to be unusable.

The magazine cover is rectangular in shape, while a large format camera produces a square picture. Herein lies the major problem we encounter when reviewing submissions. To crop the picture to fit the cover's form, too often the cropping cuts off the tops of buildings or other important parts of the picture.

The figure below demonstrates the problem:



The large square represents the typical 2-1/4" x 2-1/4" large format transparency. The dotted line rectangle (shaded area) represents the outline of our cover format. Assuming that we can use the full width of the transparency as the edges of our cover, we can only use 65% of the vertical height which means more than 1/3 of the picture must be cropped. If the photographer has composed his or her picture in the normal manner, filling up the total frame, the picture will likely be ruined if a large portion is cut off. If the picture is to be used as a cover, the photographer must remember to compose the picture using only 2/3 of the vertical height shown in the viewfinder.

The right half of the picture will be the front cover; therefore, the primary subject should be placed in this area of the frame.

Hopefully this explanation will help those of you planning to submit a picture for use as a cover. If you should have any questions about taking a cover picture, feel free to call our Editor.

The MTFCA will pay \$150 for any picture used.