

LIGHT TRUCK

TWIN I-BEAM AXLE CROSS-REFERENCE GUIDE

FRONT AXLE

SERIES	MODEL YEAR	RESTRICTIONS	PARTS LIST SECTION and NUMBER	ILLUSTRATION		
				SECTION	PAGE	
F150 -- 4/W/D	84/	3.54 ratio, manual locking hubs, limited slip	"From 10/83"	30.3AW		
	84/	3.54 ratio, automatic locking hubs	"Before 10/85"	30.3AY		
	87	3.07 ratio, manual locking hubs, exc. limited slip		30.3CZ		
	87	3.07 ratio, automatic locking hubs, exc. limited slip		30.3DA		
	87	3.50 ratio, manual locking hubs, exc. limited slip		30.3DB		
	87	3.50 ratio, automatic locking hubs, w/o snow plow package, exc. limited slip		30.3DC		
	87	3.50 ratio, manual locking hubs, w/HD front end, exc. limited slip		30.3DD		
	87	3.54 ratio, manual locking hubs, exc. limited slip		30.3DE		
	87	3.54 ratio, automatic locking hubs, exc. limited slip		30.3DF		
	87	3.54 ratio, manual locking hubs, w/HD front end, exc. limited slip		30.3DG		
	87	4.09 ratio, manual locking hubs, w/o HD front end, exc. limited slip		30.3DH		
	F250 -- 4/W/D	86/	-- under 8500 G.V.W. 3850 lb., 3.54 ratio, manual locking hubs without limited slip	"From 10/85"	30.3BS	
			3850 lb., 4.09 ratio, manual locking hubs without limited slip	"From 10/85"	30.3BQ	
F350 -- 4/W/D	86/	5000 lb., 3.54 ratio, manual locking hubs, monobeam front drive, exc. limited slip	"From 10/85"	30.4X		
	86/	5000 lb., 4.10 ratio, manual locking hubs, monobeam front drive, exc. limited slip, DRW Hub and rotor	"From 10/85"	30.4Z		
	86/	5000 lb., 4.10 ratio, manual locking hubs, monobeam front drive, exc. limited slip, SRW hub and rotor	"From 10/85"	30.4Y		
R -- 2/W/D	83/	(forged axle)	"From 6/83"	30.1H		
R -- 4/W/D	85/	4.10 ratio, manual locking hubs, limited slip		30.5V	30.1 3	
	85/	4.10 ratio, automatic locking hubs, exc. limited slip		30.5Y	30.1 3	
	86/	3.73 ratio, manual locking hubs, exc. limited slip		30.5Z	30.1 3	
	86/	3.73 ratio, automatic locking hubs		30.5AB	30.1 3	
	86/	3.45 ratio, automatic locking hubs		30.5AC	30.1 3	
	86/	3.45 ratio, manual locking hubs, exc. limited slip		30.5AD	30.1 3	
	86/	4.10 ratio, manual locking hubs, exc. limited slip		30.5AE	30.1 3	
	86/	4.10 ratio, automatic locking hubs		30.5AF	30.1 3	
U150	84/	3.54 ratio, automatic locking hubs	"Before 10/85"	30.3AY		
	85/	4.09 ratio, manual locking hubs, limited slip		30.3BH		
	87	3.07 ratio, manual locking hubs, exc. limited slip		30.3CZ		
	87	3.07 ratio, automatic locking hubs, exc. limited slip		30.3DA		
	87	3.50 ratio, manual locking hubs, exc. limited slip		30.3DB		
	87	3.50 ratio, automatic locking hubs, w/o snow plow package, exc. limited slip		30.3DC		
	87	3.50 ratio, manual locking hubs, w/snow plow package or HD front end, exc. limited slip		30.3DD		
	87	3.54 ratio, manual locking hubs, exc. limited slip		30.3DE		
	87	3.54 ratio, automatic locking hubs, exc. limited slip		30.3DF		
	87	3.54 ratio, manual locking hubs, w/snow plow package or HD front end, exc. limited slip		30.3DG		
87	4.09 ratio, manual locking hubs, w/o snow plow package or HD front end, exc. limited slip		30.3DH			

LIGHT TRUCK

1980/ REAR AXLE APPLICATION CHART

For information pertaining to the identification of rear axles and related parts, refer to page 1 of this section. If complete axle assy. or differential assy. is desired, find the parts list number in the differential carrier and rear axle identification chart page 7, then refer to the Rear Axle and Differential Carrier Chart on page 20 of this section.

SERIES	YEAR	S P E E D	MANUFACTURER		CAPACITY	REMARKS	DRIVE GEAR TYPE	ILLUS. SEC.40 PAGE	PART LIST NO.
			NAME %	MODEL					
%Dana refers to Dana (Spicer)									
A-B-E-F-R-U100/350 Single axles									
A	86/	1	Ford	WAA Non-Locking	2.77M	7.5" R/G	Hypoid	13	25
A	86/	1	Ford	WFJ Locking	2.77M	7.5" R/G	Hypoid	13	25
B	86/	1	Ford	WFM Locking	2.5M	7.5" R/G	Hypoid	5	22
B	86/	1	Ford	WAC Non-Locking	2.5M	7.5" R/G	Hypoid	6	22
E100/150	81/	1	Ford	WEV Non-Locking	3.75M	31 spline axle shaft - 9" R/G	Hypoid	1	21
E100/150	81/	1	Ford	WFT Locking	3.75M	31 Spline axle shaft - 9" R/G	Hypoid	3	22
E250	83/	1	Ford	WEC Non-Locking	4.5M	31 Spline axle shaft - 8.8" R/G	Hypoid	9	21
E250	80/	1	Dana	61-1 Non-Locking	5.3M 6.34M	Full float axle	Hypoid	2	18
E250	80/	1	Dana	61-1 Locking	5.3M	Full float axle	Hypoid	4	18
E250	81/	1	Dana	60.3 Non-Locking	5.3M	Semi float axle	Hypoid	8	21
E250	81/	1	Dana	60.3 Locking	5.3M	Semi float axle	Hypoid	8	21
E350	80/	1	Dana	70B,70HD,70U Non-Locking	7.4M	Full float axle	Hypoid	2	17
E350	80/	1	Dana	70B,70HD,70U Locking	7.4M	Full float axle	Hypoid	4	17
E350	81/	1	Dana	61-1 Non-Locking	5.3M 6.34M	Full float axle	Hypoid	2	18
E350	81/	1	Dana	61-1 Locking	5.3M 6.34M	Full float axle	Hypoid	4	18
F100/150	80/	1	Ford	WDM Non-Locking	2.8M 3.75M	9" R/G	Hypoid	1	8
F100/150	80/	1	Ford	WFE Locking	2.8M 3.75M	9" R/G	Hypoid	3	8
F100/150	83/	1	Ford	WDR Non-Locking	3.75M	8.8" R/G	Hypoid	9	23
F100/150	83/	1	Ford	WFL Locking	3.75M	8.8" R/G	Hypoid	10	23
F250	83/	1	Ford	WDR Non-Locking	4.5M	8.8" R/G	Hypoid	9	23
F250	83/	1	Ford	WFL Locking	4.5M	8.8" R/G	Hypoid	10	23
F250	85/	1	Ford	WDS Non-Locking	5.3M	Semi float axle - 10.25" R/G	Hypoid	11	23
F250	85/	1	Ford	WFA Locking	5.3M	Semi float axle - 10.25" R/G	Hypoid	11	23
F250/350	85/	1	Ford	WDD Non-Locking	6.25M 7.4M 8.2M	Full float axle - 10.25" R/G	Hypoid	12	23
F250/350	85/	1	Ford	WFD Locking	6.25M 7.4M 8.2M	Full float axle - 10.25" R/G	Hypoid	12	23
R	84/	1	Ford	WDR Non-Locking	3.2M	8.8" R/G	Hypoid	9	23
R	84/	1	Ford	WFL Locking	3.2M	8.8" R/G	Hypoid	10	23
U150	80/	1	Ford	WDM Non-Locking	3.75M	9" R/G	Hypoid	1	8
U150	80/	1	Ford	WFE Locking	3.75M	9" R/G	Hypoid	3	8
U150	83/	1	Ford	WDR Non-Locking	3.75M	8.8" R/G	Hypoid	9	23
U150	83/	1	Ford	WFL Locking	3.75M	8.8" R/G	Hypoid	10	23

IDENTIFICATION

For illustration
and 4. Also

IF COMPLETE
BELOW THE
4001-5

*E0TA 4001-200
*E0TA 4001-201
*E0TA 4001-202
*E0TA 4001-203
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*E1TA 4001-205
*E1TA 4001-206
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LIGHT TRUCK

REAR AXLE and DIFFERENTIAL CARRIER ASSEMBLIES

Rear axle and differential carrier assemblies, although not normally stocked as service items, may be obtained from the nearest assembly plant when used in current production. Order through your local parts distribution center.

The chart which follows is in parts list number sequence. Refer to page 1 for information to identify rear axle and differential carrier assemblies by:

1. Warranty Plate Code Page 5
2. Truck Series Page 6
3. Differential Carrier or Axle Tag Identification Page 7

The rear axle assemblies vary as follows.

- 4001 - incl. brakes, hubs, drums and shafts
- 4004 - incl. brakes and shafts, less hubs and drums
- 4005 - incl. shafts, less brakes, hubs and drums
- 4006 - less brakes, hubs, drums and shafts
- 4200 - less brakes, hubs, drums, shafts and housing

REAR AXLE and DIFFERENTIAL CARRIER CHART

Parts List No.	RATIO	MODEL	FLANGE		REAR AXLE IDENTIFICATION	REAR AXLE PART NUMBER	CARRIER PART NUMBER
			SIZE ▲	INPUT			
<p>NOTE 1 Dana (Spicer) axles are the integral type - no 4200 carrier Assy. available - for service use 4001 or 4005 axle Assy. Also refer to 4006 header in Section 41 ▲ For flange type identification refer to Group 4851</p> <p>NOTE 2 Ford axles are the integral type-no 4200 carrier Assy. available-for service use 4006 axle Assy., Which are listed under the 4006 header in section 41. % "Before 1/86"-1984/86 ‡ "From 1/86"-1986 • "Before 1/86"-1983/86 † "From 1/86"-1986</p>							
88	2.47	F100	1330	D9TZ	4851-A	WDM-DB,DB1	E1TW 4200-AA
		F100/150	1330	D9TZ	4851-A	WDM-DC	E1TW 4200-AA
	2.50	F100	1330	D9TZ	4851-A	WDM-DB1	★E1TW 4200-PA use E1TW 4200-AA
		F100/150	1330	D9TZ	4851-A	WDM-CC1,CJ,CL	★E0TW 4200-AA
	3.00	F100/150	1330	D9TZ	4851-A	WDM-CF,CF1,DA	★E0TW 4200-CA
		F150	1330	%E4TZ ‡E6TZ	4851-A 4851-B	WDM-DM,DR,318D	E3TW 4200-KA
	3.25	U150	1330	D9TZ	4851-A	WDM-DA	★E0TW 4200-CA
		F100/150	1330	D9TZ	4851-A	WDM-CK,DD	★E0TW 4200-DA
	3.50	F150	1330	D9TZ	4851-A	WDM-CN	★E0TW 4200-EA
		F150	1330	%E4TZ ‡E6TZ	4851-A 4851-B	WDM-BK2,318D	E3TW 4200-LA
	4.11	U150	1330	D9TZ	4851-A	WDM-CN	★E0TW 4200-EA
		U150	1330	%E4TZ ‡E6TZ	4851-A 4851-B	WDM-BK2	E3TW 4200-LA
	4.11	F150,U150	1330	%E4TZ ‡E6TZ	4851-A 4851-B	WDM-DL,320C	E4TW 4200-ZA
		176	E350	1330	D8TZ	4851-A	E3UA-AMA
E350	1330		D8TZ	4851-A	E3UA-AMB	★E3UA 4001-AMB NOTE 1	
E350	1330		D8TZ	4851-A	E3UA-CNA	★E3UA 4001-CNA NOTE 1	

LIGHT TRUCK

REAR AXLE and DIFFERENTIAL CARRIER CHART

Parts List No.	RATIO	MODEL	FLANGE		REAR AXLE IDENTIFICATION	REAR AXLE PART NUMBER	CARRIER PART NUMBER
			SIZE ▲	INPUT			
<p>NOTE 1 Dana (Spicer) axles are the integral type - no 4200 carrier Assy. available - for service use - Cont'd 4001 or 4005 axle Assy. Also refer to 4006 header in Section 41 ▲ For flange type identification refer to Group 4851</p> <p>NOTE 2 Ford axles are the integral type-no 4200 carrier Assy. available-for service use 4006 axle Assy., Which are listed under the 4006 header in section 41. % "Before 1/86"-1984/86 ‡ "From 1/86"-1986 ● "Before 1/86"-1983/86 † "From 1/86"-1986</p>							
236	2.47	F100/150	1330	●E3TZ †E6TZ	4851-A	WDR-A,800A, 364B	NOTE 2
	2.73	F100/150	1330	●E3TZ †E6TZ	4851-A	WDR-B, 364B	NOTE 2
	3.08	F100/150	1330	●E3TZ †E6TZ	4851-A	WDR-C,F, 804P,806A	NOTE 2
		U150	1330	●E3TZ †E6TZ	4851-A	WDR-C,C1, 806A	NOTE 2
	3.55	F100/150	1330	●E3TZ †E6TZ	4851-A	WDR-D,G, 808A,810P	NOTE 2
		U150	1330	●E3TZ †E6TZ	4851-A	WDR-D,D1, 808A	NOTE 2
		F250	1330	●E3TZ †E6TZ	4851-A	WDR-E,860B, 364B	NOTE 2
3.73	R	1330	●E3TZ †E6TZ	4851-A	WDR-J,364A, 364B	NOTE 2	
237	3.55	E250	1330	●E3TZ †E6TZ	4851-A	WEC-A,B, 760B,760C, 762P,762T	NOTE 2
238	2.73	F100/150	1330	●E3TZ †E6TZ	4851-A	WFL-A	NOTE 2
	3.08	F100/150	1330	●E3TZ †E6TZ	4851-A	WFL-B,E,805A	NOTE 2
		U150	1330	●E3TZ †E6TZ	4851-A	WFL-B,B1,805A	NOTE 2
	3.55	F100/150	1330	●E3TZ †E6TZ	4851-A	WFL-C,F, 807A,809P	NOTE 2
		U150	1330	●E3TZ †E6TZ	4851-A	WFL-C,C1,807A	NOTE 2
		F250	1330	●E3TZ †E6TZ	4851-A	WFL-D	NOTE 2
3.73	R	1330	●E3TZ †E6TZ	4851-A	WFL-H,365A 365B	NOTE 2	
256	3.45	A	1310	E69Z	4851-A	652A,656A	NOTE 2
	3.73	A	1310	E69Z	4851-A	654A,658A	NOTE 2
	4.10	A	1310	E69Z	4851-A	660A	NOTE 2
257	3.73	A	1310	E69Z	4851-A	659A	NOTE 2
	4.10	A	1310	E69Z	4851-A	661A	NOTE 2
258	3.08	F250/350	1330	E5TZ	4851-A	124A	NOTE 2
	3.55	F250/350	1330	E5TZ	4851-A	126A,166A, 186A,186B	NOTE 2
	4.10	F250/350	1330	E5TZ	4851-A	130A,170A, 190A,190B	NOTE 2
259	3.55	F250	1330	E5TZ	4851-A	106A,106B	NOTE 2
	3.73	F250	1330	E5TZ	4851-A	108A,108B	NOTE 2
	4.10	F250	1330	E5TZ	4851-A	110A,110B	NOTE 2
260	3.55	F250	1330	E5TZ	4851-A	107A,107B	NOTE 2
	3.73	F250	1330	E5TZ	4851-A	109A	NOTE 2
	4.10	F250	1330	E5TZ	4851-A	111A,111B	NOTE 2

Parts List No.

NOTE

NOTE

261 3.

4.