

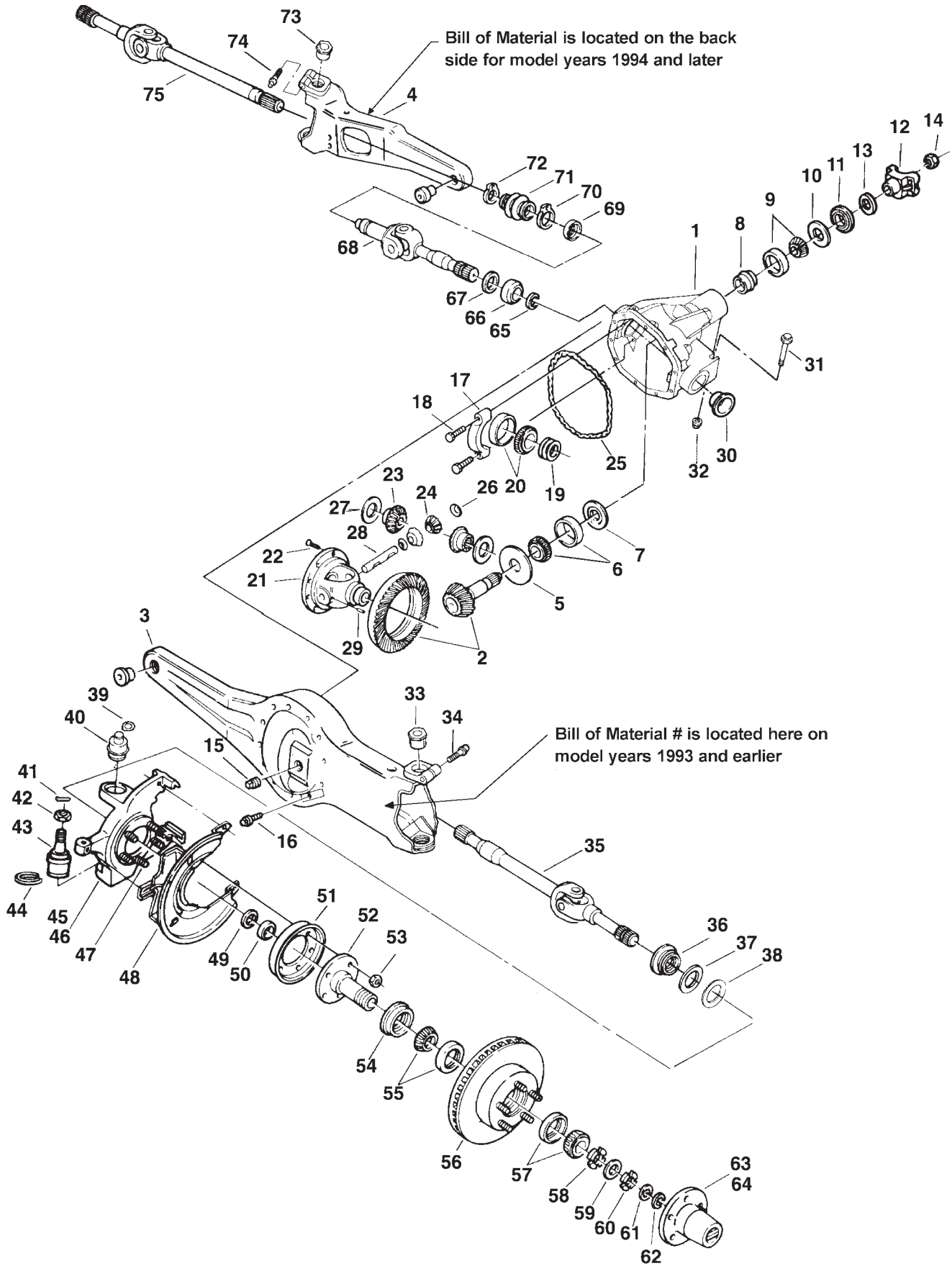
Ford 1990-1997 1/2

**Model 35 /194 IFS Front Axles
with Cardan Joints for**

**Bronco II
Explorer
Ranger**

Ford Model 35 /194 IFS Front Axles Exploded View

X510-9



Ford Model 35 /194 IFS w/ Cardan Joints Front Axles

Parts Listing

ITEM NO.	PART NUMBER	DESCRIPTION	ITEM NO.	PART NUMBER	DESCRIPTION
1	— ⁽³⁾	Housing – Axle Service	41	— ⁽²⁾	Cotter Pin
2	— ⁽¹⁾	Drive Pinion & Gear Assembly	42	40060	Nut
3	— ⁽³⁾	LH Support Arm Assembly	43	43269	Socket – Lower
4	— ⁽³⁾	RH Support Arm Assembly	44	40547	Snap Ring
5	73952X	Slinger Shim – Inner Pinion Bearing	45	— ⁽³⁾	Right Knuckle
6	707162X	KIT – Inner Pinion Bearing	46	— ⁽³⁾	Left Knuckle
7	43599	Baffle – Pinion Bearing	47	42775	Bolt – Hex (qty 5)
8	42102	Collapsible Spacer	48	— ⁽³⁾	Splash Shield
9	706894X	KIT – Outer Pinion Bearing	49	— ⁽²⁾	Oil Seal – Spindle
10	42778	Slinger – Outer Pinion Bearing	50	550759	Bearing Assembly – Spindle
11	42103	Seal – Pinion Oil	51	— ⁽²⁾	Brake Dust Shield
12	2-4-6901-1X	End Yoke Assembly (inc 13)	52	— ⁽²⁾	Spindle
13	42779	Slinger – End Yoke	53	40107	Lock Nut (qty 10)
14	44189	Pinion Nut	54	— ⁽²⁾	Oil Seal
15	36472	Fill Plug	55	706110X	KIT – Inner Wheel Bearing
16	40326-1	Bolt – Differential Carrier	56	— ⁽³⁾	Hub & Rotor
17	— ⁽⁴⁾	Differential Bearing Cap	57	706110X	KIT – Outer Wheel Bearing
18	40284-1	Bolt – Differential Bearing Cap	58	74078X	Nut & Pin Assy (manual hub lock)
19	73139X	PKG – Differential Bearing Shim	59	36569	Lock Nut (manual hub lock)
20	706016X	KIT – Differential Bearing	60	43749	Spindle Nut (manual hub lock)
21	— ⁽⁴⁾	Case – Differential	61	— ⁽²⁾	Spacer – Axle Shaft
22	41221	Bolt – Drive Gear (qty 8)	— ⁽²⁾	— ⁽²⁾	PKG – Thrustwasher
23	— ⁽²⁾	Gear – Differential (std)	62	42768	Snap Ring
24	— ⁽²⁾	Pinion – Differential	63	42767	Manual Hub Lock Assembly
25	38615	RTV Silicone Sealant	64	— ⁽³⁾	Automatic Hub Lock Assembly
26	— ⁽²⁾	Thrustwasher – Differential Pinion	65	42570	Snap Ring
27	— ⁽²⁾	Thrustwasher – Differential Gear	66	565977	Bearing
28	— ⁽²⁾	Shaft – Differential	67	40773	Oil Seal
29	— ⁽²⁾	Roll Pin	68	— ⁽¹⁾	Shaft & Slip Yoke Assembly
30	40710	Oil Seal	69	40930	Oil Seal
31	40817-1	Pinch Bolt	70	40540-4	Clamp – Keystone
32	40818	Lock Nut	71	40929	Rubber Boot
33	— ⁽⁵⁾	Camber Bushing (LH)	72	40540-3	Clamp – Keystone
34	— ⁽²⁾	Pinch Bolt	73	— ⁽⁵⁾	Camber Bushing (RH)
35	— ⁽¹⁾	Left Shaft & Joint Assembly	74	— ⁽²⁾	Pinch Bolt
	— ⁽²⁾	KIT – Spindle Assembly	75	— ⁽¹⁾	Right Shaft & Joint Assembly
	— ⁽²⁾	KIT – Spindle Seal & Bearing	N.I.	— ⁽²⁾	Thrustwasher (automatic hub lock)
	— ⁽²⁾	Spindle Assembly	N.I.	— ⁽²⁾	Wheel Bearing Retainer (automatic hub lock)
36	— ⁽²⁾	Slinger			Bearing Adjusting Ring Lock (automatic hub lock)
37	— ⁽²⁾	Oil Seal	N.I.	— ⁽²⁾	Wheel Nut (automatic hub lock)
38	— ⁽²⁾	Spacer – Wheel Bearing Spindle			KIT – Sensor Housing (ABS)
39	43671	Snap Ring	N.I.	— ⁽²⁾	
40	43200	Socket – Upper		— ⁽³⁾	

N.I. = Not Illustrated

(1) See "Bill of Material Table" on next page

(2) See "Variable Parts Table" within this section

(3) Contact Vehicle Manufacturer

(4) Not Sold Separately

(5) See Camber/Casting Bushing Table in the back of the Ford section of this catalog

Ford Model 35 /194 IFS w/ Cardan Joints Front Axles X510-9

Bill of Material Table

Axle			Axle Kits				Shaft & Joint Assy.		
Bill of Material	Diff. Type	Ratio	Ring Gear & Pinion Kit ⁽⁷⁾	Differential			Right Hand Shaft Assy.	Left Hand Shaft Assy.	Shaft & Slip Yoke Assy.
				Case Assy. Kit ⁽⁸⁾	Case Kit	Inner Parts Kit			
1990 Ranger/Bronco II									
610300-1	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610300-2	Standard	3.55	707170-1X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610300-3	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610300-4	Standard	3.55	707170-1X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610300-5	Standard	4.10	707170-3X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610300-6	Standard	4.10	707170-3X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
1990 1/2-92 1/2 Explorer									
610366-1	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610366-2	Standard	3.55	707170-1X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610366-3	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610366-4	Standard	3.55	707170-1X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610366-5	Standard	3.27	707170-4X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610366-6	Standard	3.27	707170-4X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610366-7	Standard	3.55	707170-1X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610366-8	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
1990 1/2-92 1/2 Ranger/Bronco II									
610365-1	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610365-2	Standard	3.55	707170-1X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610365-3	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610365-4	Standard	3.55	707170-1X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610365-5	Standard	4.10	707170-3X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610365-6	Standard	4.10	707170-3X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610365-7	Standard	3.27	707170-4X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610365-8	Standard	3.27	707170-4X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610365-9	Standard	3.55	707170-1X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610365-10	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610365-11	Standard	4.10	707170-3X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
1992 1/2 Explorer									
610437-1	Standard	3.27	707170-4X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610437-2	Standard	3.27	707170-4X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610437-3	Standard	3.55	707170-1X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610437-4	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610437-5	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
1992 1/2 Ranger									
610436-1	Standard	3.27	707170-4X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610436-2	Standard	3.27	707170-4X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610436-3	Standard	3.55	707170-1X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610436-4	Standard	3.55	707170-1X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610436-5	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610436-6	Standard	3.73	707170-2X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610436-7	Standard	4.10	707170-3X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X
610436-8	Standard	4.10	707170-3X	707169X	707168X	707167X	73411-2X	73412-2X	73414-1X

NOTE: All Ring & Pinion Kits with base number 707170 are reverse spiral bevel.

(7) See Ring Gear & Pinion Kits in XGI Catalog for ratio & tooth combinations.

(8) See Differential Case Assy Kits in XGI Catalog for spline data & ratios.

Ford Model 35 /194 IFS w/ Cardan Joints Front Axles

Bill of Material Table

Axle			Axle Kits				Shaft & Joint Assy.		
Bill of Material	Diff. Type	Ratio	Ring Gear & Pinion Kit ⁽⁷⁾	Differential			Right Hand Shaft Assy.	Left Hand Shaft Assy.	Shaft & Slip Yoke Assy.
				Case Assy. Kit ⁽⁸⁾	Case Kit	Inner Parts Kit			
1993-94 1/2 Explorer - ABS									
610410-1	Standard	3.73	707170-2X	707169X	707168X	707167X	74931-1X	74932-1X	73414-1X
610410-2	Standard	3.73	707170-2X	707169X	707168X	707167X	74931-1X	74932-1X	73414-1X
610410-3	Standard	3.27	707170-4X	707169X	707168X	707167X	74931-1X	74932-1X	73414-1X
610410-4	Standard	3.27	707170-4X	707169X	707168X	707167X	74931-1X	74932-1X	73414-1X
610410-5	Standard	3.55	707170-1X	707169X	707168X	707167X	74931-1X	74932-1X	73414-1X
1993-94 1/2 Ranger									
610419-1	Standard	3.73	707170-2X	707169X	707168X	707167X	74931-1X	74932-1X	73414-1X
610419-2	Standard	3.27	707170-4X	707169X	707168X	707167X	74931-1X	74932-1X	73414-1X
610419-3	Standard	3.27	707170-4X	707169X	707168X	707167X	74931-1X	74932-1X	73414-1X
610419-4	Standard	3.73	707170-2X	707169X	707168X	707167X	74931-1X	74932-1X	73414-1X
610419-5	Standard	3.45	73402-5X	707169X	707168X	707167X	74931-1X	74932-1X	73414-1X
610419-6	Standard	3.45	73402-5X	707169X	707168X	707167X	74931-1X	74932-1X	73414-1X
1995-97 1/2 Ranger - ABS									
610483-3	Standard	3.27	707170-4X	707169X	707168X	707167X	75240-1X	75241-1X	73414-1X
610483-4	Standard	3.27	707170-4X	707169X	707168X	707167X	75240-1X	75241-1X	73414-1X
610483-7	Standard	3.73	707170-2X	707169X	707168X	707167X	75240-1X	75241-1X	73414-1X
610483-8	Standard	3.73	707170-2X	707169X	707168X	707167X	75240-1X	75241-1X	73414-1X
610483-11	Standard	3.27	707170-4X	707169X	707168X	707167X	75240-1X	75241-1X	73414-1X
610483-12	Standard	3.73	707170-2X	707169X	707168X	707167X	75240-1X	75241-1X	73414-1X
1997-97 1/2 Ranger									
610652-1	Standard	3.27	707170-4X	707452X	707453X	707454X	75240-1X	75241-1X	73414-1X
610652-2	Standard	3.73	707170-2X	707452X	707453X	707454X	75240-1X	75241-1X	73414-1X
610652-3	Standard	3.27	707170-4X	707452X	707453X	707454X	75240-1X	75241-1X	73414-1X
610652-4	Standard	3.73	707170-2X	707452X	707453X	707454X	75240-1X	75241-1X	73414-1X

NOTE: All Ring & Pinion Kits with base number 707170 are reverse spiral bevel.

(7) See Ring Gear & Pinion Kits in XGI Catalog for ratio & tooth combinations.

(8) See Differential Case Assy Kits in XGI Catalog for spline data & ratios.

Ford Model 35 /194 IFS w/ Cardan Joints Front Axles

Variable Parts Listing

Kits & Parts - Use With All Applications							
Description & Item Number (Refer to "Exploded View" at the front of this section)			Bills of Material				
			610300	610365 610366	610410	610419	610436 610437
1	Gear – Differential (std)	23	42772	42772	42772	42772	42772
2	Pinion – Differential	24	43288	43288	43288	43288	43288
3	Thrustwasher – Differential Pinion	26	42077	42077	42077	42077	42077
4	Thrustwasher – Differential Gear	27	42078	42078	42078	42078	42078
5	Shaft – Differential	28	43220	43220	43220	43220	43220
6	Roll Pin	29	43245	43245	43245	43245	43245
7	Pinch Bolt	34	43672	43672	46286	46286	43672
8	KIT – Spindle Assembly	-	707166X	707166X	707341X	—	707166X
9	KIT – Spindle Seal & Bearing	-	706971X	706971X	707316X	707316X	706971X
10	Spindle Assembly	-	73608X	73608X	75294X	74930X	73608X
11	Slinger	36	36364	36364	—	—	36364
12	Oil Seal	37	38128	38128	50492	50492	38128
13	Spacer – Wheel Bearing Spindle	38	38106	38106	—	—	38106
14	Cotter Pin	41	500024-7	44500	44500	44500	44500
15	Oil Seal – Spindle	49	36361	36361	45651	45651	36361
16	Brake Dust Shield	51	42940	42940	—	—	42940
17	Spindle	52	43201	43201	44608	44824	43201
18	Oil Seal	54	40709	40709	40709	40709	40709
19	Spacer – Axle Shaft	61	42773	42773	42773	42773	42773
20	PKG – Thrustwasher	-	—	—	—	—	—
21	Pinch Bolt	74	43672	43672	46286	46286	43672
22	Thrustwasher (automatic hub lock)	N.I.	43978	43978	43978	43978	43978
23	Wheel Bearing Retainer (auto hub)	N.I.	42848	42848	42848	42848	42848
24	Bearing Adjusting Ring Lock	N.I.	42849	42849	42849	42849	42849
25	Wheel Nut (automatic hub lock)	N.I.	42850	42850	42850	42850	42850
			610483	610652			
1	Gear – Differential (std)	23	42772	46848			
2	Pinion – Differential	24	43288	32926			
3	Thrustwasher – Differential Pinion	26	42077	34096			
4	Thrustwasher – Differential Gear	27	42078	34095			
5	Shaft – Differential	28	43220	44690			
6	Roll Pin	29	43245	44811			
7	Pinch Bolt	34	46286	46286			
8	KIT – Spindle Assembly	-	—	—			
9	KIT – Spindle Seal & Bearing	-	707355X	707355X			
10	Spindle Assembly	-	75294X	74930X			
11	Slinger	36	—	—			
12	Oil Seal	37	50492	50492			
13	Spacer – Wheel Bearing Spindle	38	—	—			
14	Cotter Pin	41	44500	44500			
15	Oil Seal – Spindle	49	45651	45651			
16	Brake Dust Shield	51	46197	46197			
17	Spindle	52	44608	44824			
18	Oil Seal	54	76137X	76137X			
19	Spacer – Axle Shaft	61	—	—			
20	PKG – Thrustwasher	-	701128X	701128X			
21	Pinch Bolt	74	46286	46286			
22	Thrustwasher (automatic hub lock)	N.I.	—	—			
23	Wheel Bearing Retainer (auto hub)	N.I.	—	—			
24	Bearing Adjusting Ring Lock	N.I.	42849	—			
25	Wheel Nut (automatic hub lock)	N.I.	42850	—			