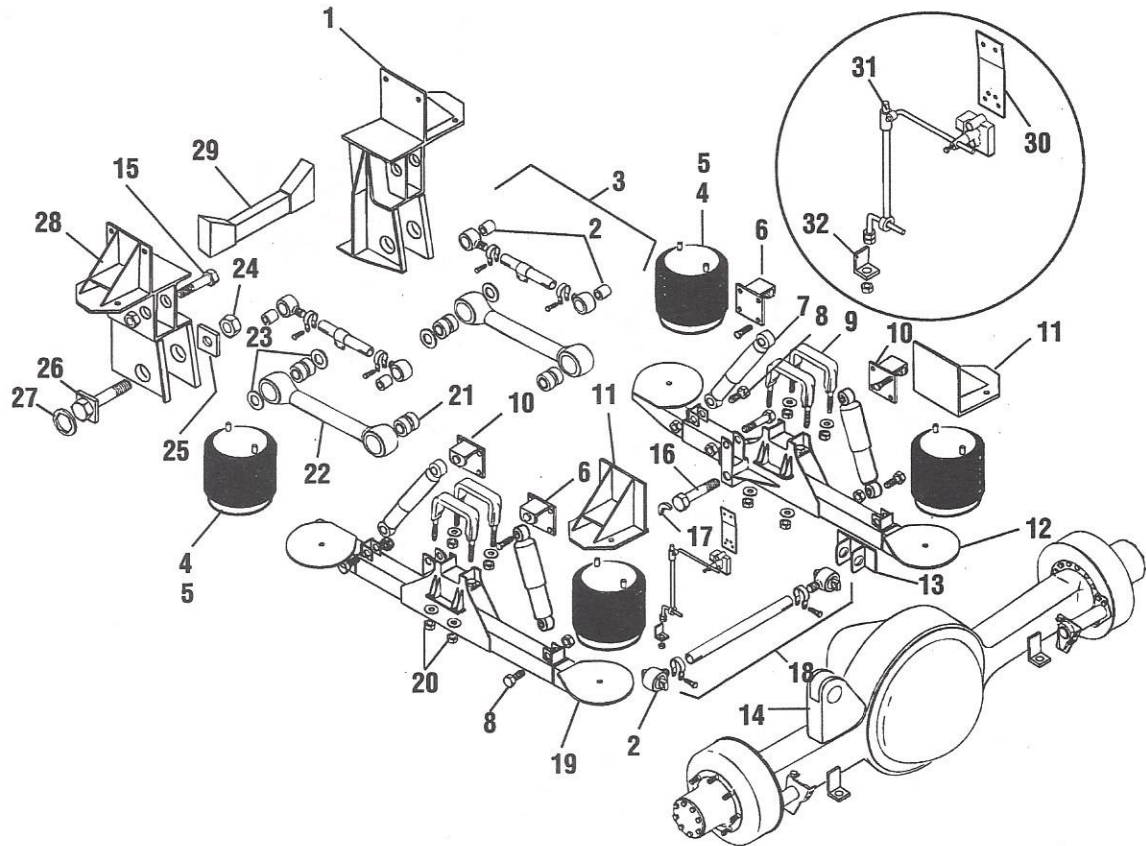


# **Chapter 3**

## **Front and Rear Suspension**



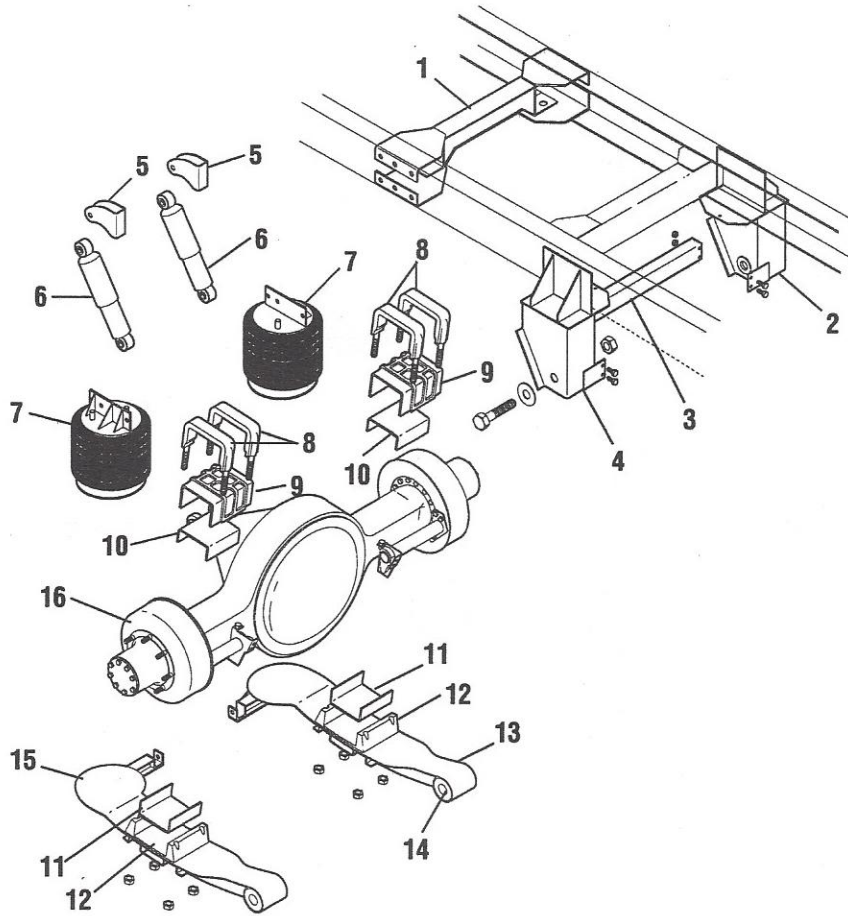
Rear Suspension: Ridewell



03-002-00

1.	82-09644-001	Hanger Asm, Air Spring Mtg	1	18.	82-09646-004	Sway Asm, RH Load	1
2.	82-09646-007	Bushing, Sway Bar/Torque Rod 3x1	6	19.	82-09646-002	Beam Asm, RH Load	1
3.	82-09646-003	Torque Rod Asm, 18"	2	20.	82-09643-006	Washer, 7/8" Flat A-325	8
4.	82-09646-008	Rod End, RH w/ Clamp & Bushing	3		82-09643-003	Nut, Hxhd 7/8"-14 Tall	8
	82-09646-009	Rod End, LH w/ Clamp & Bushing	3	21.	82-09646-006	Bushing, Torque Beam	4
5.	82-09642-001	Spring Asm, Air	4	22.	82-09646-005	Beam Asm, Torque 2.5"x18"	4
	54-12540-009	Locknut, Nylok 1/2"-13 Gr 5	12	23.	82-09643-004	Washer, Bearing	4
6.	82-09644-004	Brkt Asm, LH Shock Mtg	2	24.	82-09643-002	Locknut, Flex 1.25"-7 SPS	2
7.	82-04113-000	Shock Absorber	4	25.	82-09646-004	Plate, Clamping	2
8.	54-11340-013	Bolt, Hxhd 3/4"-10x3.50" Gr 5	8	26.	82-09643-007	Bolt Asm, Eccentric	2
	54-12540-012	Locknut, Nylok 3/4"-10 Gr 5	8	27.	82-09643-008	Washer, Anti-Turn	2
9.	82-09642-002	U-Bolt, 7/8"-14x4 11/16x11 1/2"	4	28.	82-09644-002	Hanger Asm, RH Air Spring Mtg	1
	82-09642-003	Plate Asm, U-Bolt Spacer	2	29.	82-09644-008	Channel Asm, Cross	1
10.	82-09644-005	Brkt Asm, RH Shock Mtg	2	30.	40-23581-000	Brkt, Leveling Valve Mtg	2
11.	82-09644-003	Mtg Asm, Frt Air Spring	2	31.	53-19771-010	Valve, Leveling w/Rod	2
12.	82-09646-001	Beam Asm, LH Load	1	32.	40-19739-000	Brkt, Level Valve Anchor (Welded)	2
13.	82-09644-006	Brkt Asm, Sway Bar To Frame	1	33.	40-23579-000R	Brkt, Leveling Link, RH (N/S)	1
	54-11334-019	Bolt, Hxhd 1-8x6" Gr 5	6	34.	40-23579-000	Brkt, Leveling Link, LH (N/S)	1
14.	82-09644-007	Brkt Asm, Sway Bar To Axle	1	35.	40-17790-001	Brkt, RH Leveling Valve (N/S)	1
15.	54-12540-014	Lockwasher, Nylok 1-8 Gr 5 (N/S)	6	36.	40-17790-001	Brkt, LH Leveling Valve (N/S)	1
16.	82-09643-001	Bolt, Hxhd 1.5"-6x7" Gr 5	2	37.	40-20907-000	Brkt, Leveling Valve Link (N/S)	1
	82-09643-005	Lockwasher, 1.5" Int Tooth	2	38.	50-02345-003	Link, Height Control (N/S)	1
17.	82-09642-005	Plate, Locking	2	39.	53-23312-000	Kit, Rear Suspension	1

Rear Suspension: Newway

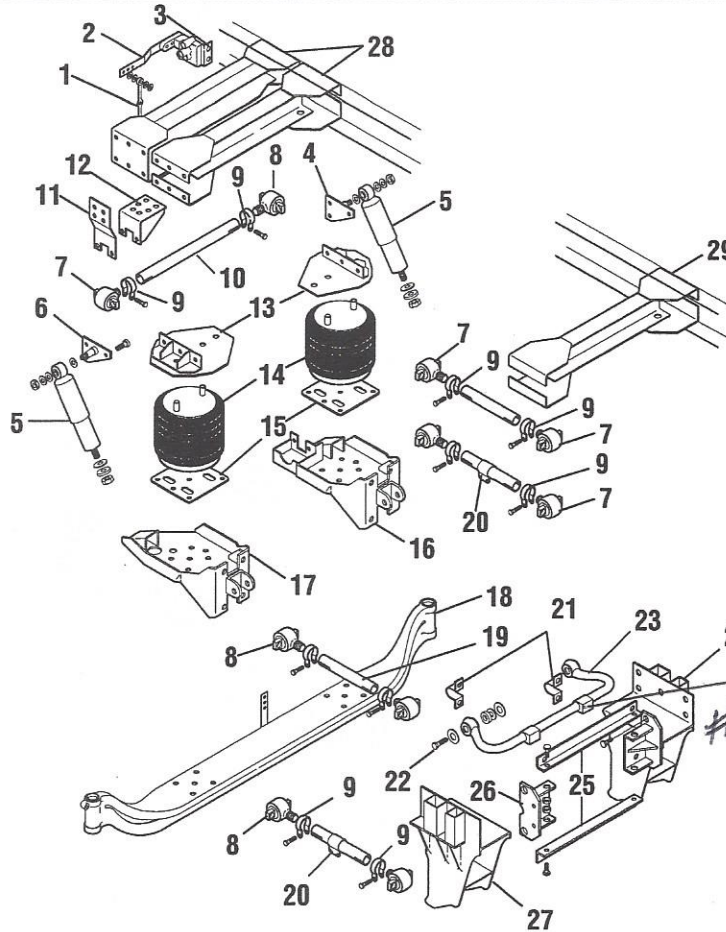


CA-03-038/38a

1.	55-15373-001	Crossmember, Air Spring Mtg	1
2.	53-15085-007	Brkt Asm, LH Frame	1
3.	40-17662-000	Brace, Trailing Arm Tower	1
4.	53-15085-000	Brkt Asm, RH Frame	1
5.	53-15085-013	Brkt, Shock Absorber	2
6.	53-15085-029	Absorber, Shock	2
7.	53-15085-028	Spring Asm, Air	2
8.	53-15085-016	U-Bolt, Axle Mtg	4
9.	53-16231-004	Cap, Axle	2
10.	53-15085-005	Wrap, Rubber	2
11.	53-16231-003	Adapter, Axle	2
12.	53-15085-005	Pad, Rubber	2
13.	53-15085-001	Beam, LH Equalizer	1
14.	53-15085-030	Bushing, Equalizer Arm	2
15.	53-15085-002	Beam, RH Equalizer	1
16.	53-15942-006	Axle Asm, F175 4.10	1

42-19869-000 147.80  
 FIRESTONE

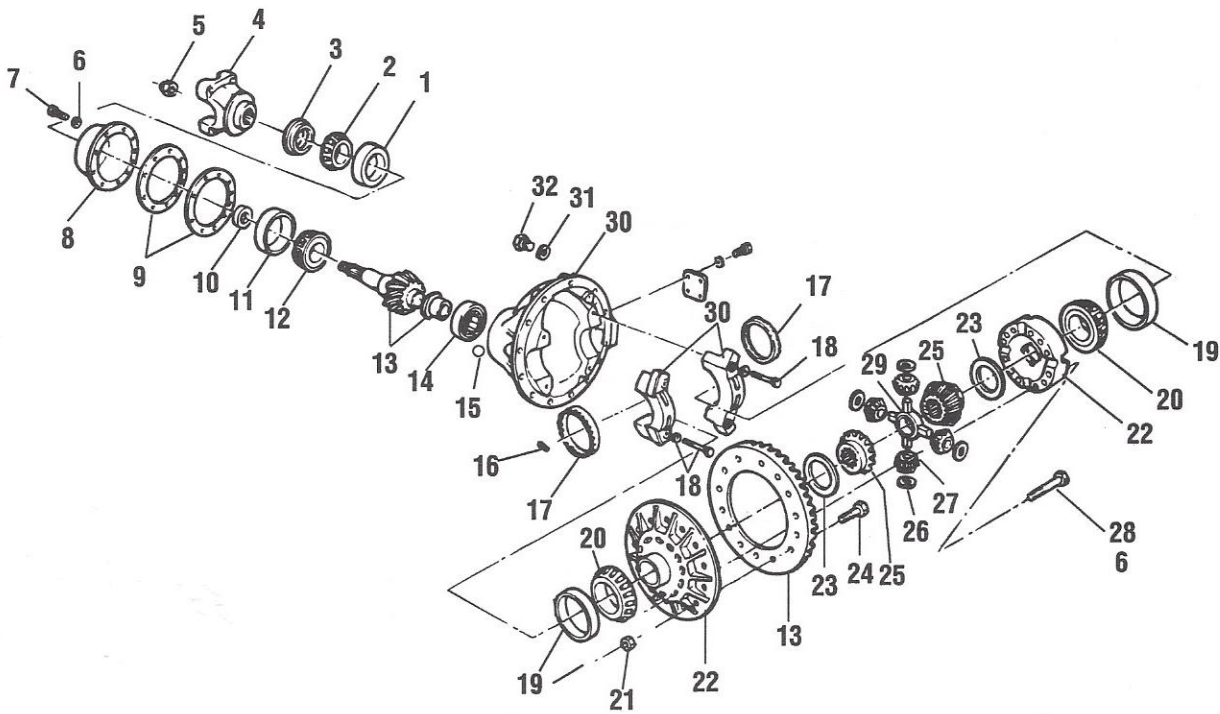
Front Suspension: Gillig



03-001-00

1.	53-02345-0002	Link, Leveling Valve	1	14.	53-14006-000	Spring Air	2
2.	53-02125-001	Valve, Height Control	1	15.	40-08450-000	Plate, Lwr Air Spring Mtg	2
3.	40-11522-003	Brkt, Height Control Valve	1		40-17620-001	Spacer, Air Spring Mtg	2
4.	55-14204-000	Brkt, LH Shock Mtg	1		54-11199-001	Bolt, Button Head .5"-13x1.75"	8
	55-14623-000	Washer	A/R	16.	55-13489-000	Brkt, LH Air Spring Mtg	1
5.	53-14005-000	Absorber, Shock	2	17.	55-13490-000	Brkt, RH Air Spring Mtg	1
	53-13109-002	Nut, Hxhd Castle .75"-16	2	18.	53-14473-007	Front Axle, Beam FF943 Qx617	1
	53-14623-002	Washer, Shock	2	19.	55-11196-001	Tube, Upper Radius Rod	2
	54-12601-012	Washer, Hard Flat	4	20.	53-20116-001	Radius Rod Asm, Adj Lower	2
6.	53-14203-000	Brkt, RH Shock Mtg	1	~21.	53-09943-000	Saddle, Isolator Mtg	2
	55-14623-000	Washer	A/R	22.	54-11359-016	Bolt, Hxhd 1.0"-12x4.50" Gr 8	2
7.	50-10922-002	End, Rod w/LH Threads	3		54-12551-014	Locknut, Nylok 1.0"-12 Gr 8	2
8.	50-10922-001	End, Rod w/RH Threads	3	~23.	55-14336-000	Swaybar Asm	1
9.	53-08727-000	Clamp, Rod End	10		55-14856-000	Bushing	A/R
10.	53-20116-002	Panhard Rod Asm, Adj	1	24.	55-14820-000	Tower, LH Torque Rod	1
11.	55-13444-000	Plate, Panhard Rod Backing	1		40-21871-000	Spacer, Torque Rod	1
12.	55-13443-000	Brkt, Panhard Rod Mtg	1	25.	40-11537-000	Angle, Swaybar Mtg	2
	55-13445-000	Spacer, Panhard Rod Brkt	1	26.	42-11535-000	Brkt, Swaybar Mtg	2
	55-13442-000	Gusset, Panhard Crossmember	1	27.	55-14819-000	Tower, RH Torque Rod	1
	55-13446-000	Brkt, Crossmember	1	28.	Ref Page 1-10	Chassis Frame	1
	55-13447-000	Brkt, Panhard	1	29.	Ref Page 1-10	Chassis Frame	1
13.	42-11220-000	Support Asm, Air Spring	2				
	40-11652-000	Plate, Air Spring Mtg	2				

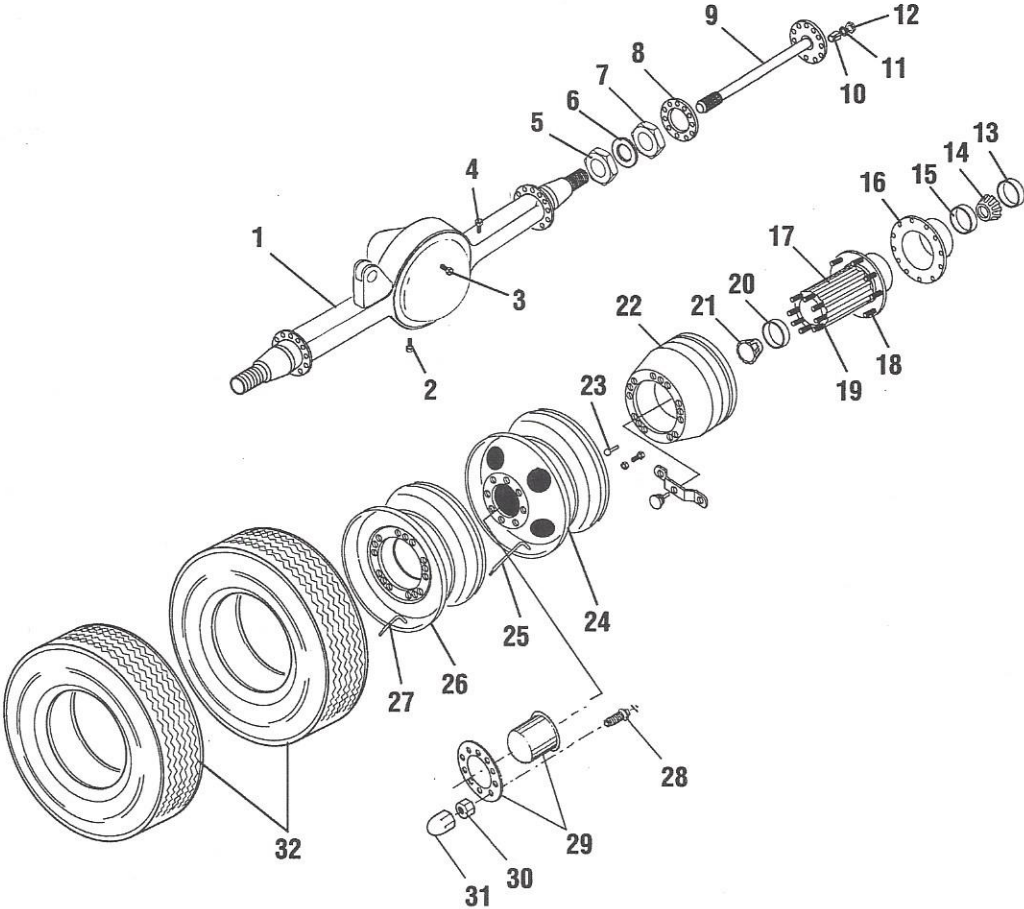
Rear Axle Components



03-002-00

1.	82-09771-001	Bearing, Outer Cup	1	22.	82-10324-002	Case Asm, Diff w/Nest	1
2.	82-09771-003	Bearing, Outer Cup	1		82-10324-003	Case Asm, Diff (Halves Only)	1
3.	82-01125-000	Seal, Pinion	1	23.	82-09778-002	Washer, Thrust (side Gear)	2
4.	82-09778-005	Yoke, Diff 1610 Series	1	24.	82-09764-005	Bolt, Ring Gear	12
5.	82-09764-009	Nut, Pinion	1		82-09764-007	Kit, Ring Gear Bolt (Items 21&24)	1
6.	82-08162-005	Washer	24	25.	82-09778-003	Gear, Side	2
7.	82-09777-007	Capscrew, Pinion Cage	8	26.	82-03388-000	Washer, Thrust (Pinion Gear)	4
8.	82-09764-003	Cage, Pinion	1	27.	82-09778-004	Gear, Pinion	4
9.	82-08749-002	Kit, Shim	1	28.	82-09764-008	Capscrew, Diff Case	16
10.	82-09764-004	Kit, Split Shim	1	29.	82-03944-000	Spider	1
11.	82-09052-000	Bearing, Inner Cup	1	30.	82-09777-001	Case Asm, Diff Case	1
12.	82-09771-002	Bearing, Inner Cup	1	31.	82-03407-000	Washer	12
13.	82-10324-001	Gearset, RS17145 4.56	1	32.	82-09764-010	Capscrew, Diff (Long)	4
14.	82-09771-002	Bearing Pinion Roller	1		82-09764-011	Capscrew, Diff (Short)	8
15.	82-03330-000	Lockring, Pinion	1	33.	82-09778-001	Kit, Diff (Items 23,25,26,27&29)	1
16.	82-13099-000	Lockpin, Adj Ring	2	34.	82-09782-410	Carrier Asm, RS17145 4.10	1
17.	82-09777-006	Ring, Bearing Adj	2				
18.	82-09764-002	Capscrew, Diff Cap	4				
19.	82-01105-000	Bearing, Cup	2				
20.	82-01106-000	Bearing, Cone	2				
21.	82-09764-006	Locknut, Ring Gear	12				

Rear Axle Housing, Drums, and Tires

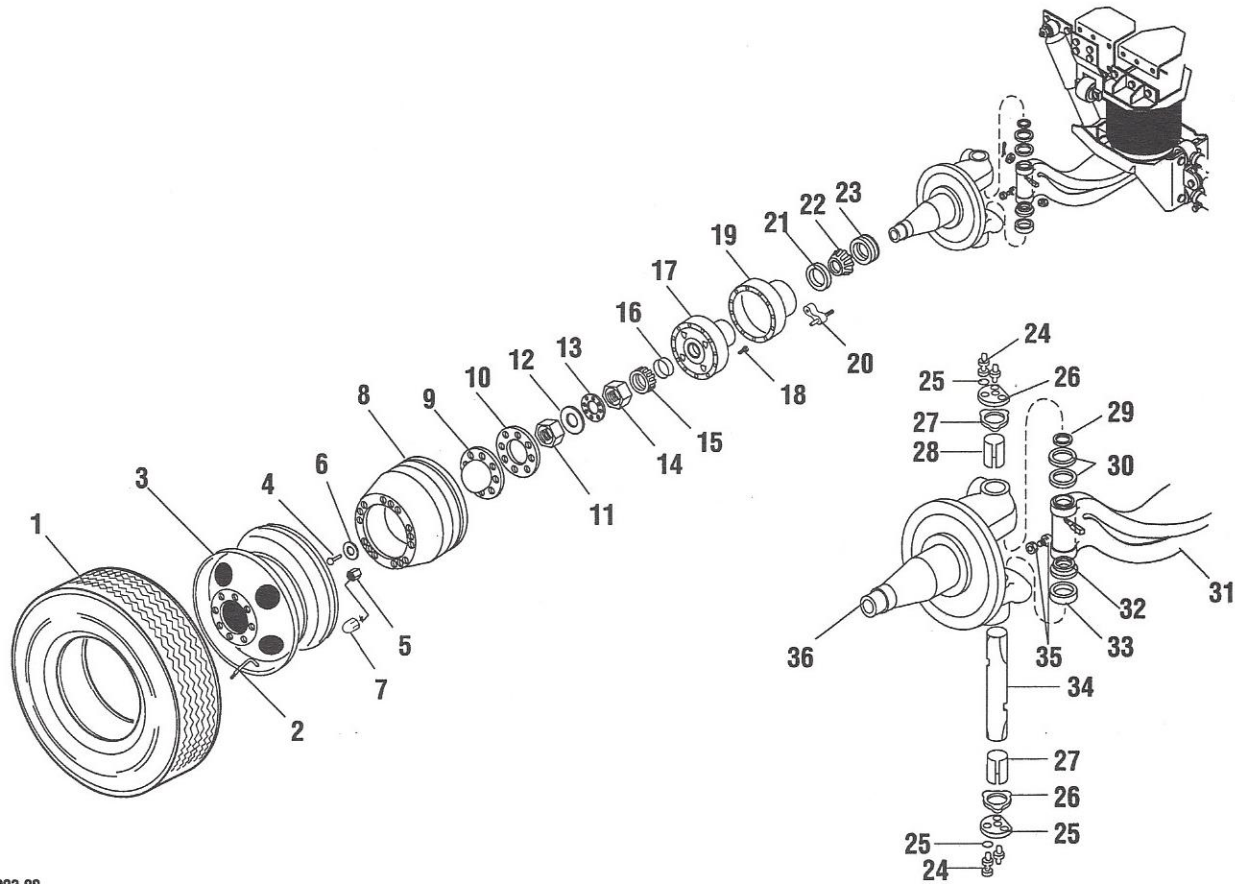


03-002-01

1.	82-13010-000	Housing Asm, Rr Axle	1	20.	82-09028-000	Cup, Outer Wheel Bearing	2
2.	82-03452-000	Plug, Magnetic Drain	1	21.	82-04180-000	Cone, Outer Wheel Bearing	2
3.	82-03189-000	Plug, Oil Fill	1	22.	82-13017-000	Drum, Rr Brake 16.5"x7"	2
4.	82-02205-000	Breather Asm	1	23.	82-13018-000	Bolt, Hub to Drum	16
5.	82-03321-000	Nut, Inner Wheel Bearing	2	24.	50-11851-002	Wheel Outer, Alum (Polish Disk)	1
6.	82-13011-000	Lockwasher, Wheel Bearing Nut	2	50-11851-003	Wheel Outer, Alum (Polish Disk)	1	
7.	82-03308-000	Nut, Outer Wheel Bearing	2	25.	52-00771-000	Stem, Tire Valve	2
8.	82-03697-000	Gasket, Axle Shaft	2	53-00777-001	Extension, Valve Stem	2	
9.	82-13012-000	Shaft, LH Axle	1	26.	50-11856-000	Wheel Inner, Steel	2
	82-13012-001	Shaft, RH Axle (N/S)	1	27.	53-22578-002	Stem, Tire Valve	2
10.	82-13013-000	Dowel, Axle Stud	24	28.	53-20652-000	Nut, LH Inner Wheel	10
11.	82-03337-000	Washer, Axle Stud	24	53-20653-000	Nut, RH Inner Wheel	10	
12.	82-03172-000	Nut, Axle Stud	24	29.	53-12710-002	Cover, Rr Hub	2
13.	82-02243-000	Seal Asm, Inner Wheel	2	30.	53-13895-002	Nut, LH Outer Wheel	10
14.	82-13015-000	Cone, Inner Wheel Bearing	2	53-13895-001	Nut, RH Outer Wheel	10	
15.	82-07958-004	Cup, Inner Wheel Bearing	2	31.	53-12710-003	Cover, Lug Nut	A/R
16.	82-13014-000	Slinger, Oil	2	32.	M101	Tires, 9R22.5 XZA	4
	82-13020-000	Shield Dust	2	53-23959-000	Protector, Wheel Guard	A/R	
17.	82-06606-000	Hub Asm, w/o Studs	2	53-23959-001	Protector, Wheel Guard	A/R	
	82-13021-000	Plug, Hub	2	33.	53-13894-XXX	Weight, Wheel *	A/R
18.	82-13016-001	Stud, LH Inner Wheel	10				
	82-13016-002	Stud, RH Inner Wheel (N/S)	10				
19.	82-13016-000	Stud Axle Flange (LH & RH)	24				

\*Specific weights have unique numbers in places of "XXX".  
Your parts representative will advise you of the number when you place your order.

Front Knuckle, Hub, Drums, and Tires

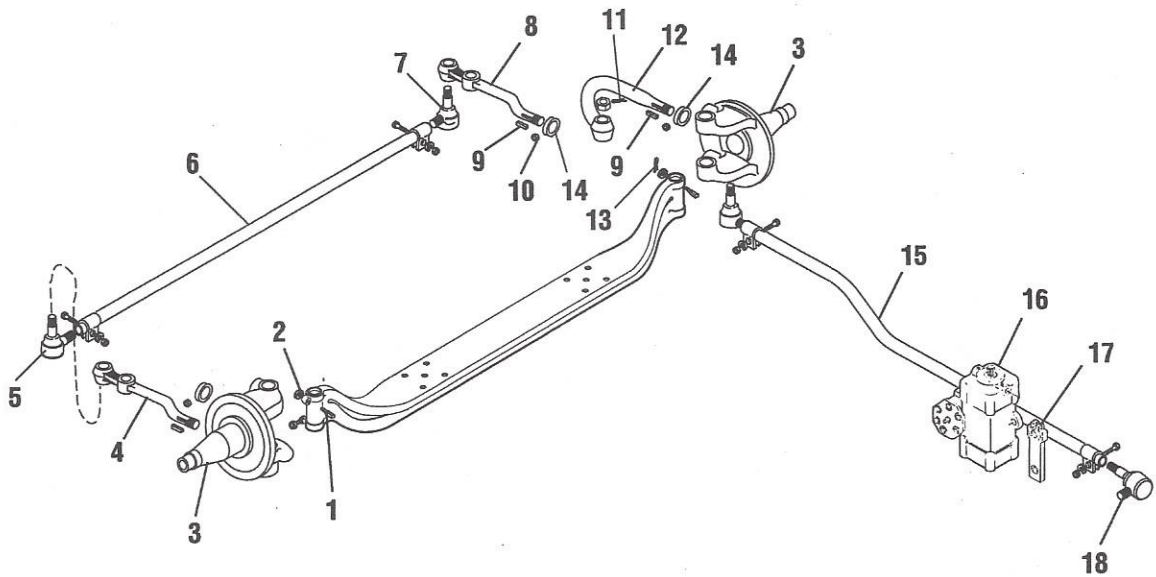


03-002-00

1.	M101	Tires, 9R22.5 XZA	A/R	20.	82-02157-000	Sensor Asm, Speedo	1
2.	52-00771-000	Stem, Tire Valve	2		82-03977-000	Backer, Speedo Pick-Up	1
3.	50-11851-001	Wheel, Alum (Polish Disk)	2	21.	82-08997-000	Cup, Inner Wheel Bearing	2
	50-11851-003	Wheel, Alum (Polish Disk)	2	22.	82-09000-000	Cone, Inner Wheel Bearing	2
4.	82-03210-000	Screw, Hub Cap	12	23.	82-02223-000	Seal Asm, Frt Wheel Bearing	2
5.	53-13895-002	Nut, LH Outer Wheel	10	24.	82-00873-000	Screw, King Pin Cap	12
	53-13895-001	Nut, RH Outer Wheel	10	25.	82-03348-000	Washer, King Pin Cap	12
6.	82-03348-000	Washer, Hub Cap	12	26.	82-00872-000	Cap, King Pin	4
7.	53-12710-003	Cover, Lug Nut	10	27.	82-13092-000	Gasket, King Pin Cap	4
8.	82-03915-000	Drum, Brake 16.5X6	2	28.	82-03298-000	Bushing, King Pin	4
9.	53-12710-001	Cap, Frt Hub	2	29.	82-11037-000	Seal, Upper King Pin	2
10.	82-03705-000	Gasket, Frt Hub Cap	2	30.	82-03624-000	Shim, King Pin 1.010"	4
11.	82-07933-001	Nut, Outer Wheel Bearing	2		82-03633-000	Shim, King Pin 0.005"	4
12.	82-03357-000	Washer, Bearing Jam Nut	2	31.	53-14473-007	Front Axle, Beam	1
13.	82-03353-000	Washer, Pierced	2	32.	82-02210-000	Seal Asm, Lwr King Pin	2
14.	82-03319-000	Nut, Inner Wheel Bearing	2	33.	82-01723-000	Bearing, King Pin Thrust	2
15.	82-09027-000	Cone, Outer Wheel Bearing	2	34.	82-03869-000	Pin, Knuckle (king Pin)	2
16.	82-09026-000	Cup, Outer Wheel Bearing	2	35.	82-07929-003	Screw, Centering Stop	2
17.	82-02460-000	Hub Asm, Frt w/Cup (LH/RH)	2		82-07929-004	Nut, Stop Screw	1
18.	53-20652-000	Nut, LH Inner Wheel	10	36.	82-07930-000	Knuckle Asm, LH	1
	53-20653-000	Nut, RH Inner Wheel	10		82-07930-001	Knuckle Asm, RH	1
19.	82-11377-000	Slinger, RH Oil	1		53-12710-003	Cover, Nut (N/S)	40
	82-11985-000	Slinger/Rotor Asm, LH Oil	1		53-12710-002	Cover, Rr Hub (N/S)	2
	82-13106-000	Plate, Rotor	1		53-12710-001	Cover, Fr Hub (N/S)	2



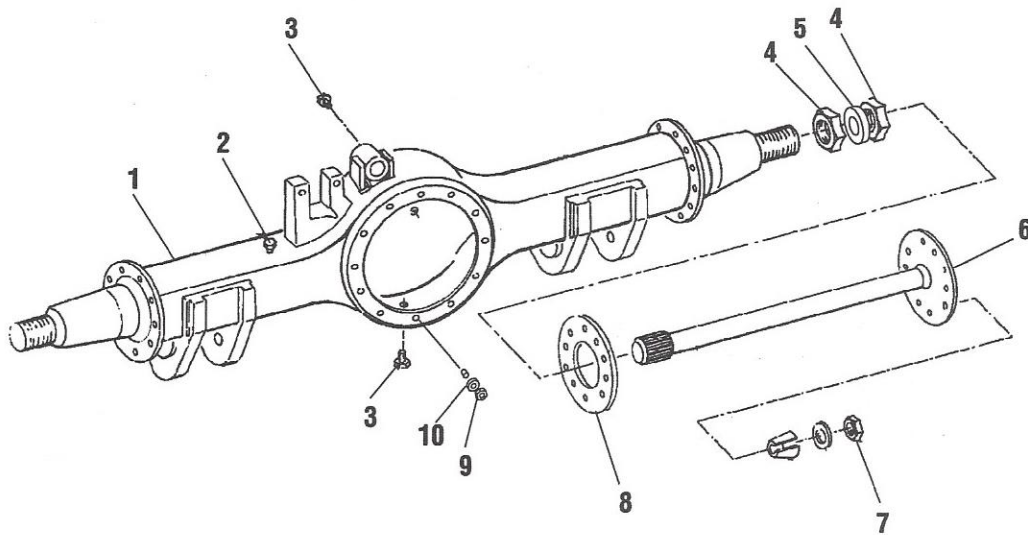
Front Steering System



03-004-00

1.	82-07929-001	Key, Upr Draw	2
	82-07929-002	Key, Lwr Draw	2
2.	82-03323-000	Nut, Draw Key	4
3.	Ref: Page 3-6	Knuckle Asm	1
4.	82-03885-000	Arm, RH Tie Rod	1
5.	82-02379-000	End Asm, LH Tie Rod	1
6.	82-00104-000	Tie Rod Asm w/Clamps	1
7.	82-02380-000	End Asm, LH Tie Rod	1
8.	82-03887-000	Arm, LH Tie Rod	1
9.	82-03483-000	Key, Tie Rod/Steering Arm	3
10.	82-11291-000	Nut, Tie Rod Arm	3
11.	82-11291-001	Cotter, Steering Arm	2
12.	82-03886-000	Arm, LH Steering	1
13.	82-03886-001	Cotter, Steering Arm	1
14.	82-03458-000	Nut, Steering Arm	3
15.	53-23170-002	Drag Link	1
16.	Ref: Page 6-5	Gear Asm, Steering	1
17.	Ref: Page 6-5	Arm, Pitman	1
18.	82-09730-000	End Asm, Drag Link	1
19.	53-21256-000	Column Asm, Tilt Tele Strg (N/S)	1
20.	53-21260-001	Shaft, Interm Strg (N/S)	1

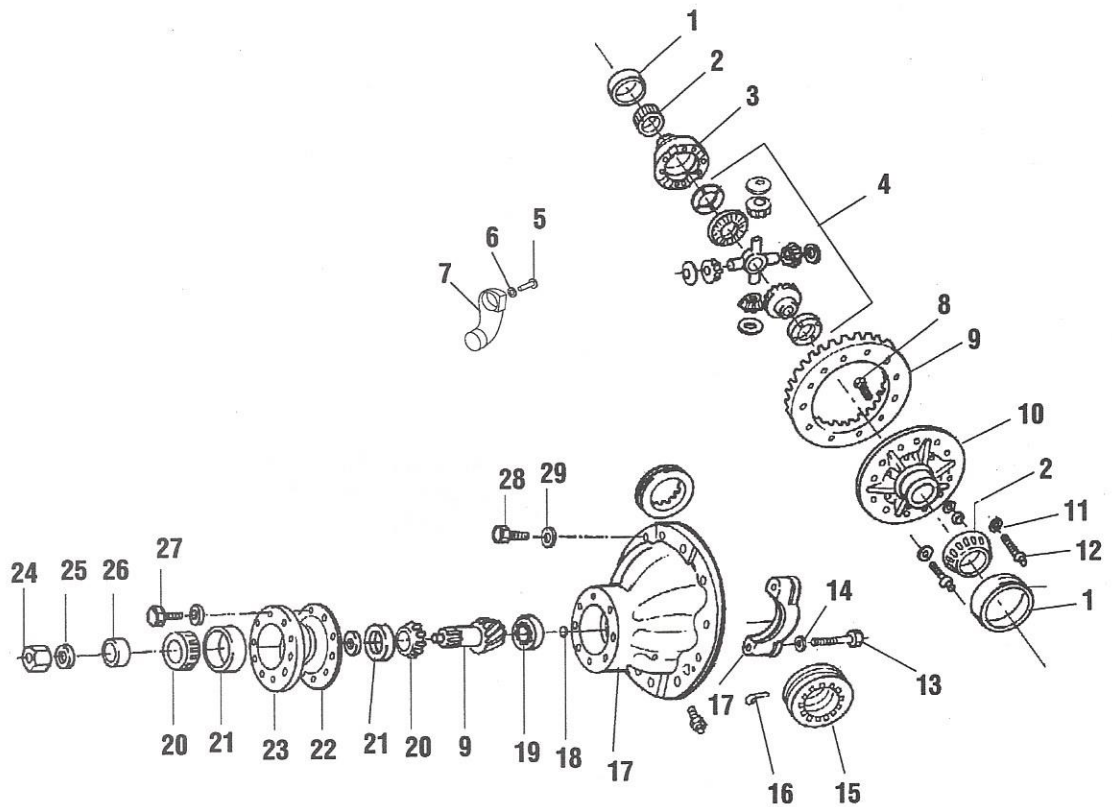
Rear Axle Housing: Dana



CA-04-019

1.	82-07956-001	Housing, Rear Axle	1
2.	82-07956-002	Breather Asm	1
3.	82-07956-003	Plug	2
4.	82-07956-006	Nut, Inner Wheel Bearing	4
5.	82-07956-007	Lockwasher, Wheel Bearing	2
6.	82-07956-008	Shaft, Axle	2
7.	82-04530-000	Nut	16
8.	82-04529-000	Gasket, Axle	2
9.	82-07956-005	Capcsrew	12
10.	82-07956-004	Lockwasher	12

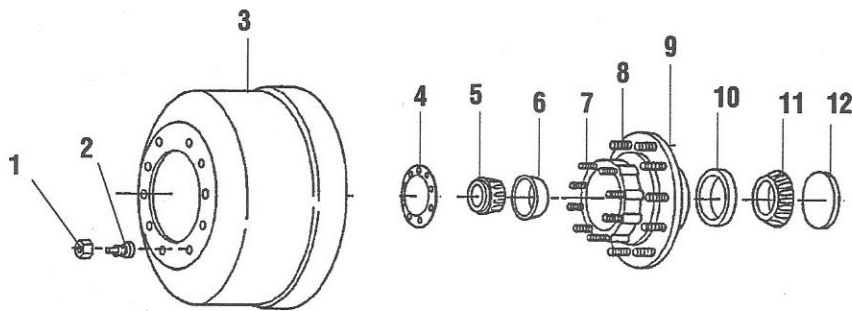
Differential (Drive Unit): Dana



PA-04-002

1.	82-07953-001	Bearing, Cup	2	22.	82-07955-003	Shim, Pinion 0.30"	1
2.	82-07953-002	Bearing, Cone	2		82-07955-001	Shim, Pinion 0.50"	1
3.	82-07953-003	Case, Diff (Plane Half)	1		82-07955-002	Shim, Pinion 0.10"	1
4.	82-07953-005	Kit, Diff Gears & Cross	2	23.	82-07949-007	Cage Asm, Pinion	1
5.	82-07952-003	Bolt, Oil Scoop	1	24.	82-07949-001	Nut, Pinion	1
6.	82-07952-002	Washer	1	25.	82-07949-002	Washer, 1.50" Flat	1
7.	82-07952-001	Scoop, Oil	1	26.	82-07949-003	Seal, Pinion	1
8.	82-07952-006	Rivet, Ring Gear	12	27.	82-07949-004	Bolt, Pinion Cage	8
9.	82-07954-410	Gear Set J175 4.10	1	28.	82-07956-005	Bolt, Carrier Mtg	12
10.	82-07956-004	Case, Diff (Flange Half)	1	29.	82-07956-004	Washers	12
11.	82-04530-000	Lockwasher	24	30.	82-11252-410	Diff Asm, J175 4.10	1
12.	82-67953-007	Bolt, Diff Case	16				
13.	82-07951-006	Bolt, Diff Cap	4				
14.	82-07951-005	Washer	4				
15.	82-07951-004	Ring, Adjusting	2				
16.	82-07951-002	Key	2				
	82-07951-003	Cotter	2				
17.	82-07951-001	Carrier Asm w/Cap	1				
18.	82-07949-009	Lockring, Pinion	1				
19.	82-07949-008	Bearing, Roller	1				
20.	82-07949-005	Bearing, Cone	2				
21.	82-07949-006	Bearing, Cup	2				
22.	82-07950-000	Kit, Pinion Shim	1				

Rear Hub and Drum: Dana



CA-04-016

1.	53-13895-001	Nut, RH Outer	10
	53-13895-002	Nut, LH Outer	10
2.	53-12450-002	Nut, RH Inner	10
	53-12450-001	Nut, LH Inner	10
3.	82-07957-001	Drum, Rr 6x16.5	2
	82-07957-002	Bolt, Drum Mtg	2
	82-07957-003	Nut	2
	82-04531-000	Washer	2
4.	82-04529-000	Gasket, Axle Shaft	2
5.	82-04528-001	Bearing, Outer Cone	2
6.	82-04528-000	Bearing, Outer Cup	2
7.	82-07958-001	Stud, Axle Shaft	8
8.	82-07958-002	Stud, LH Wheel	10
9.	82-07958-003	Hub, Rr	2
10.	82-07958-004	Bearing, Inner Cup	2
11.	82-07958-005	Bearing, Inner Cone	2
12.	82-04523-002	Seal, Inner Wheel	2