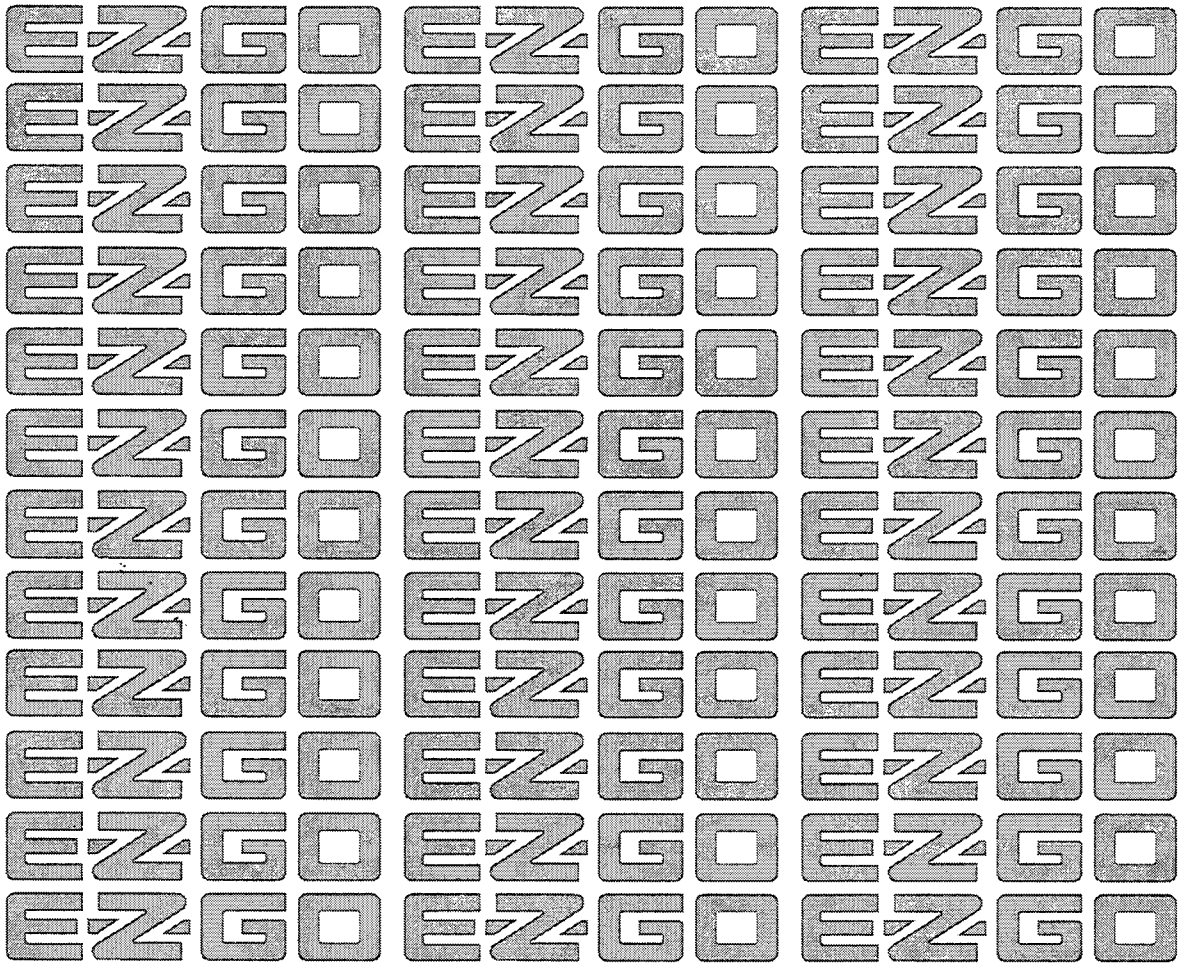
EZGO TEXTRON

DANA AXLE

SHOP REBUILD AND SERVICE PARTS MANUAL



MODEL YEAR 1988 - 1995 MANUAL NO. 28148-G01 ISSUED 04/95

Throughout this guide NOTE, **CAUTION** and **WARNING** will be used.

NOTE

A note indicates a condition that should be observed.

CAUTION

A CAUTION INDICATES A CONDITION THAT MAY RESULT IN DAMAGE TO THE VEHICLE.

⚠ WARNING ⚠

A WARNING INDICATES A CONDITION THAT MAY BE HAZARDOUS TO THE MECHANIC OR OTHER PERSONNEL AND MAY RESULT IN DAMAGE TO THE VEHICLE.

Please observe these NOTES, **CAUTIONS** and **WARNINGS**; be aware that servicing a vehicle requires mechanical skill and a regard for conditions that could be hazardous.

NOTE

Read and understand the following warnings before attempting to work on the vehicle:

This manual begins with the assumption that the transaxle has been removed from the vehicle and that the oil has been drained from the transaxle. If this has not been done, do so before beginning the operations described in this manual.

CAUTION

DO NOT USE NON-SPECIFIED TOOLS (VISE-GRIPS®, ADJUSTABLE WRENCHES, ETC.) THE USE OF THESE TOOLS COULD CAUSE PERMANENT DAMAGE TO THE AXLE COMPONENTS.

⚠ WARNING ⚠

KEEP YOUR WORK ARE CLEAN. SPILLED OIL OR OTHER LIQUIDS, SOLVENT CANS, TOOLS, PARTS AND SOILED RAGS SHOULD BE CLEANED UP AND PROPERLY STORED OR DISPOSED OF. THESE ARE HAZARDS THAT CAN CAUSE FIRES, FALLS AND SERIOUS INJURY.

MAINTAIN ADEQUATE VENTILATION WHEN USING SOLVENTS OR OPERATING AN ENGINE. TOXIC FUMES OR ENGINE EXHAUST IN AN ENCLOSED AREA WITHOUT PROPER VENTILATION CAN BE HARMFUL OR FATAL.

⚠ WARNING ⚠

BEFORE WORKING ON VEHICLE: REMOVE ALL JEWELRY (RINGS, WATCHES, ETC.) BE SURE THAT LOOSE CLOTHING OR HAIR CANNOT CONTACT MOVING PARTS OF THE POWERTRAIN. USE CARE NOT TO CONTACT HOT OBJECTS.

RAISE REAR OF VEHICLE AND SUPPORT ON JACK STANDS BEFORE ATTEMPTING TO RUN OR ADJUST POWERTRAIN.

WEAR EYE PROTECTION WHEN WORKING ON ANYTHING THAT COULD EXPOSE EYES TO POTENTIAL INJURY. IN PARTICULAR USE CARE WHEN WORKING AROUND BATTERIES, USING SOLVENTS OR COMPRESSED AIR.

LIFT HEAVY OBJECTS CAREFULLY. LIFT WITH YOUR LEGS, NOT YOUR BACK. KEEP YOUR BACK STRAIGHT WHILE LIFTING

AVOID PROLONGED CONTACT WITH, AND DISPOSE OF ANY USED ENGINE OIL. THE U.S. GOVERNMENT HAS DETERMINED THAT THIS IS A POSSIBLE CAUSE OF CANCER.

ANY MODIFICATION OR CHANGE TO THE VEHICLE WHICH ALTERS THE WEIGHT DISTRIBUTION OF THE VEHICLE, ITS STABILITY OR INCREASES THE SPEED BEYOND THE FACTORY SPECIFICATION, CAN CAUSE SERIOUS PERSONAL INJURY. DO NOT MAKE ANY SUCH MODIFICATION OR CHANGE.

INTRODUCTION

The Shop Rebuild and Service Parts Manual has been designed to assist in maintaining the vehicle in accordance with procedures developed by E-Z-GO. Adherence to these procedures and trouble-shooting tips will ensure the best possible service from the product.

Certain illustrations and text may describe options or features some vehicles are not equipped with; disregard these areas.

Throughout this manual NOTES, **CAUTIONS** and **WARNINGS** will be used. For the protection of all personnel and the vehicle, please observe the following:

NOTE

A note indicates a condition that should be observed.

CAUTION

A CAUTION INDICATES A CONDITION THAT MAY RESULT IN DAMAGE TO THE VEHICLE.

⚠ WARNING ⚠

A WARNING INDICATES A CONDITION THAT MAY BE HAZARDOUS TO THE MECHANIC OR OTHER PERSONNEL AND MAY RESULT IN DAMAGE TO THE VEHICLE.

To reduce the chance of personal injury and/or property damage, the following instructions must be carefully observed:

Proper service, repair and maintenance are important to the safety of the service technician and the safe, reliable operation of all vehicles. If part replacement is necessary, use a specified replacement component.
Note: The use of non E-Z-GO parts may void the warranty. Do not use a replacement part of lesser quality.

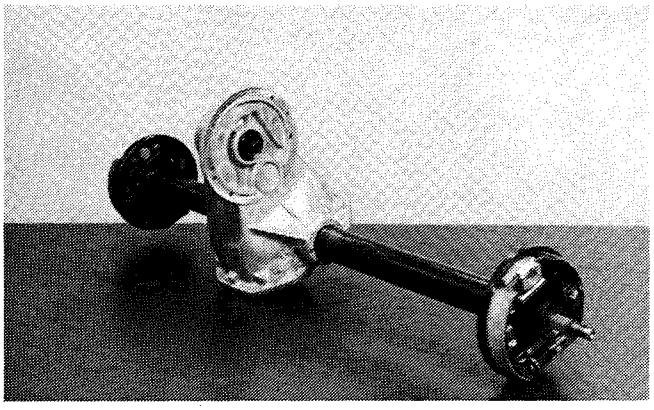
The procedures recommended and described in this manual are effective methods of performing service, repair and maintenance. Some of these procedures require the use of tools specially designed for the purpose.

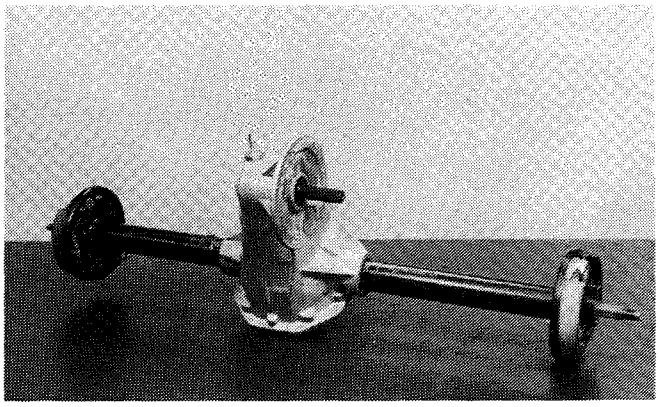
Accordingly, if a service procedure or tool not recommended by the vehicle manufacturer is to be used, it must first be determined that neither personal safety, nor the safe operation of the vehicle will be jeopardized by use of the service procedure or tool selected.

It is important to note that this manual contains various NOTES, **CAUTIONS** and **WARNINGS** that must be carefully observed in order to reduce the risk of personal injury during service or repair, or the possibility that improper service or repair may damage the vehicle or render it unsafe.

We strongly recommend that no matter what your experience level, you use this manual as a guide when disassembling, repairing/overhauling and reassembling the rear axle. Before working on the rear axle, read and understand the text, and in particular each NOTE, CAUTION and WARNING.

CONTENTS





IMPORTANT SAFETY NOTICE

Proper service and repair is important to the safe, reliable operation of all motor vehicles or driving axles whether they be front or rear. The service procedures recommended and described in this service manual are effective methods for performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tool should be used when and as recommended.

It is impossible to know, evaluate, and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way.

Accordingly, anyone who uses a service procedure or tool which is not recommended must first satisfy himself thoroughly that neither his safety nor vehicle safety will be jeopardized by the service methods he selects.

Should an axle assembly require component parts replacement, it is recommended that "Original Equipment" replacement parts be used. They may be obtained through your local service dealer or other original equipment manufacturer parts supplier. The use of non-original equipment replacement parts is not recommended as their use may cause unit failure and or affect vehicle safety.

General Precautions for Disassembly

THE REAR AXLE IS A PRECISION ASSEMBLY, AND AS SUCH ANY REPAIR OR REPLACEMENT OF PARTS MUST BE DONE WITH GREAT CARE IN A CLEAN ENVIRONMENT. BEFORE ATTEMPTING TO PERFORM ANY SERVICE ON THE AXLE, READ AND UNDERSTAND *ALL* OF THE FOLLOWING TEXT AND PHOTOGRAPHS.

HANDLE ALL GEARS WITH EXTREME CARE.

CLEANLINESS

The axle assembly should be degreased prior to disassembly.

Dirt is abrasive and will cause premature wear of bearings and other parts. We suggest that mechanics have a small wash tank to clean parts just prior to reassembly.

BEARINGS/SEALS

It is recommended that whenever a bearing, seal or "O" ring is removed, it be replaced with a new one regardless of mileage. Always wipe the seals and "O" rings with a light oil before installing.

Bearings and seals should be removed with pullers designed for this purpose.

SNAP RINGS

SNAP RINGS MUST BE REMOVED/INSTALLED WITH CARE TO PREVENT DAMAGE TO BEARINGS, SEALS AND BEARING BORES.

TORQUE CHART

Differential Bearing Caps	35-45 Ft. Lbs.
Ring Gear Bolts	35-45 Ft. Lbs.
Governor Bushing	25-35 Ft. Lbs.
Cover Plate Screws	18-25 Ft. Lbs.
Fill Plug	25-40 Ft. Lbs.

CLEANING AND INSPECTION

CLEANING

Parts should be cleaned with emulsion cleaners or petroleum based cleaners.

Clean, inspect, and lubricate all bearings just prior to reassembly.

Clean all sealing surfaces of old gasket material.

DRYING

Use soft, clean, lintless towels or rags to dry components after cleaning. Bearings should NOT be dried by spinning with compressed air. This can damage mating surfaces due to lack of lubrication.

After drying, parts should be coated with a light coat of lubricant or rust preventative to prevent damage from corrosion. If parts are to be stored for a prolonged period they should be wrapped.

INSPECTION

Prior to reassembly, inspect parts for signs of wear or damage.

Bearing and seal surfaces should be inspected for pitting, wear, or overheating.

Inspect gears for pitting, wear or scoring.

Inspect axle shafts for worn splines, bends, or cracks.

Replacement of these parts can prevent premature failure.

CAUTION:

Brake linings may contain asbestos fibers.

Breathing asbestos dust may be hazardous to your health and may cause serious respiratory or other bodily harm.

AVOID CREATING DUST

DO NOT remove brake drum without proper protective equipment.

DO NOT work on brake linings without proper protective equipment.

DO NOT replace brake linings without proper protective equipment.

DO NOT attempt to sand, grind, chisel, file, hammer or alter brake linings in any manner without proper equipment.

Follow O.S.H.A. standards for proper protective devices to be used when working with asbestos materials.

Safety Glasses should be worn at all times when assembling or disassembling.

Axle Shaft, Bearing, and Oil Seal Disassembly

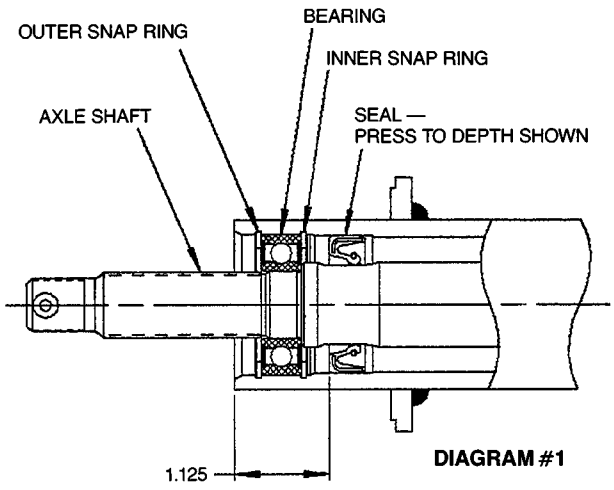
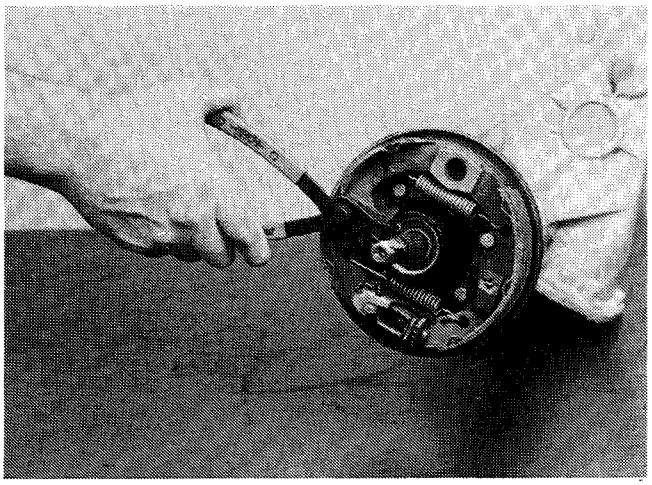
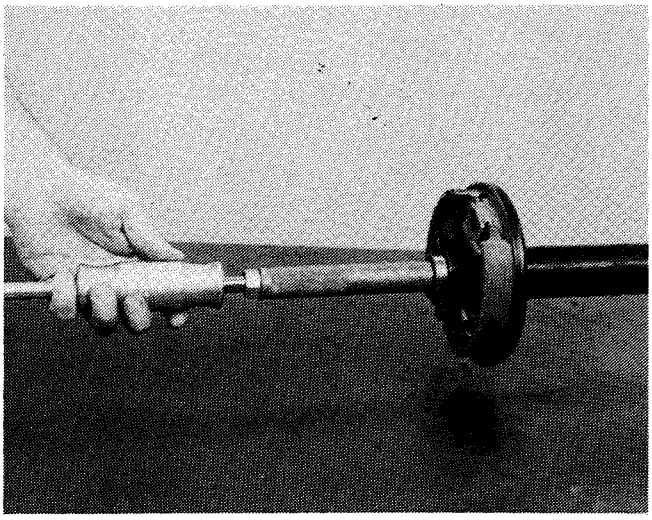


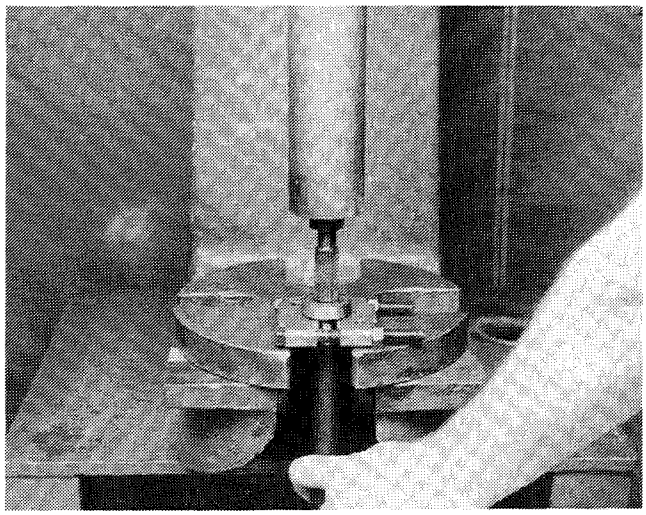
DIAGRAM #1



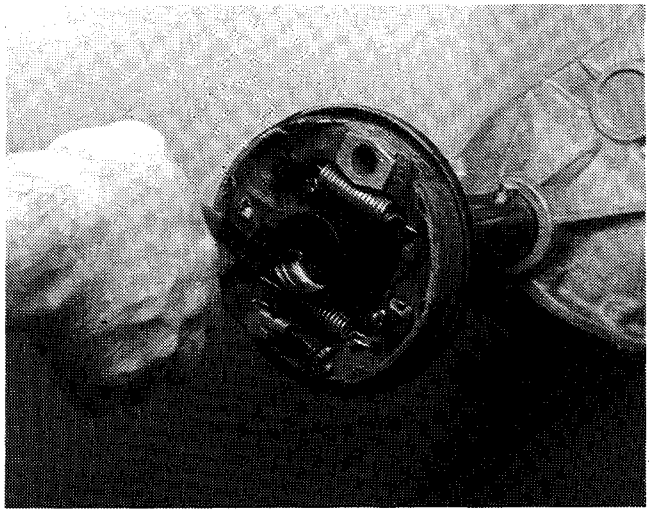
1. Remove outer snap ring.



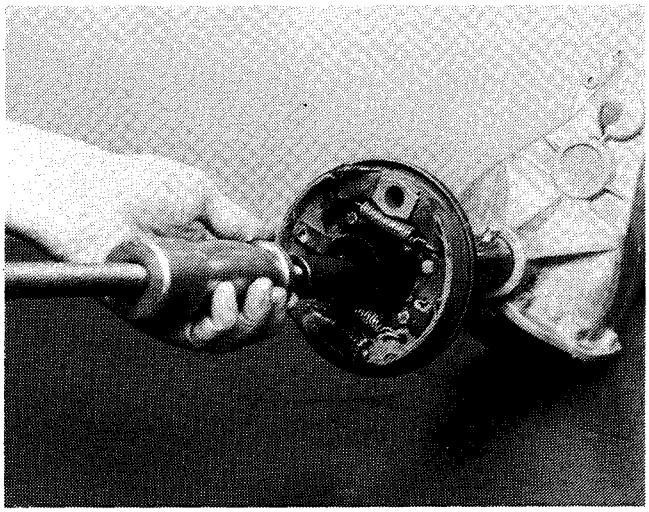
2. Using a slide hammer attached to the threaded end of the axle shaft, remove axle and bearing assembly.



3. Remove the bearing from the axle shaft, by supporting the inner race of the bearing on an arbor press, and apply pressure to the threaded end of the axle shaft.

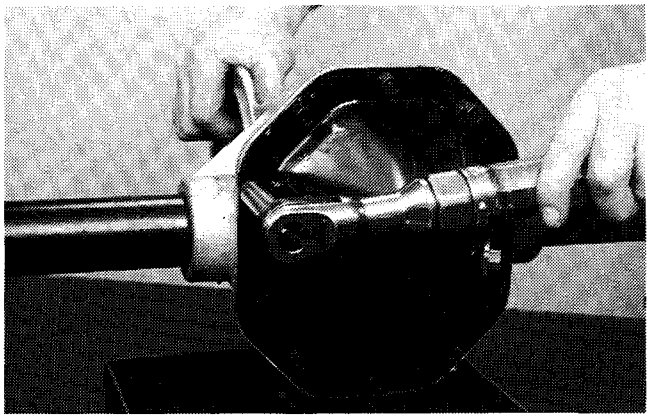


4. Remove inner snap ring. Use caution as not to damage bearing surfaces.

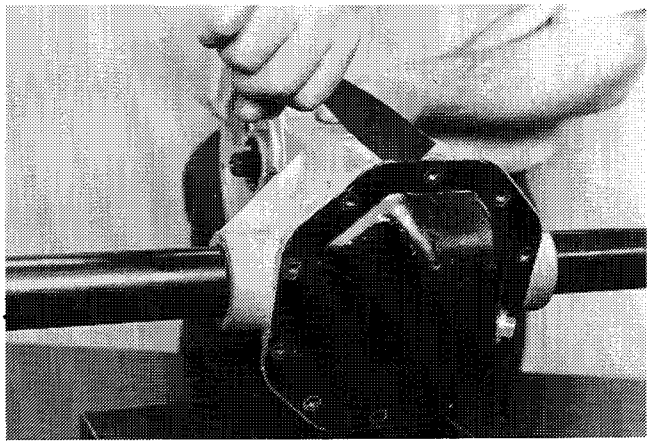


5. Using an oil seal puller, attached to a slide hammer, remove oil seal. Use caution as not to damage the seal seating surface.

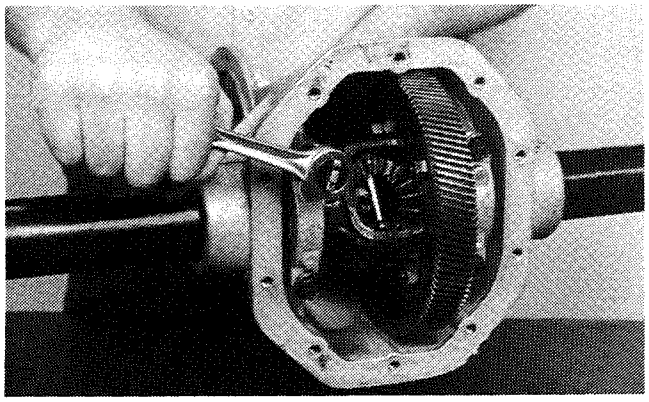
Differential Case and Final Drive Gear Removal



1. After removing left and right axle shafts (see Axle Shaft, Bearing, and Oil Seal Disassembly section).
   A. Remove ten (10) cover plate screws.

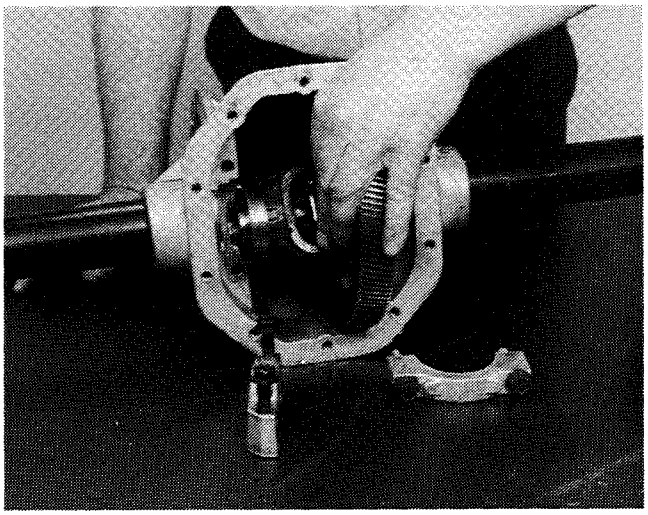


   B. Position the axle housing and cover plate over a drain pan. Using a putty knife, separate the cover plate from the housing. Use caution as not to damage the housing sealing surface or deform the cover plate.

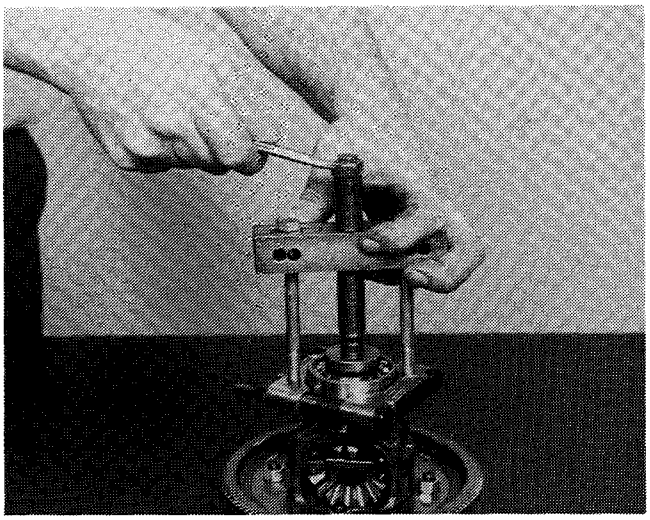


2. Remove four (4) bearing cap screws and remove bearing caps.

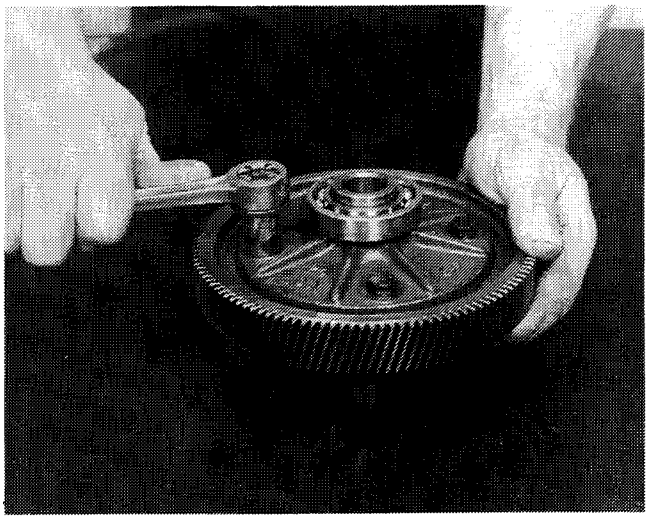
   NOTE: Bearing caps are marked for identification. Letters or numbers are stamped in horizontal and vertical position. During reassembly, place them back in their original positions.



3. Remove differential case assembly from housing.

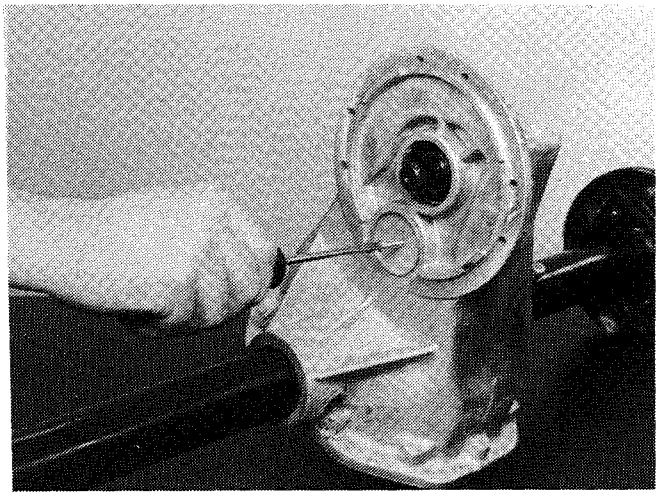


4. Using a bearing puller, remove differential bearings from each side of case.

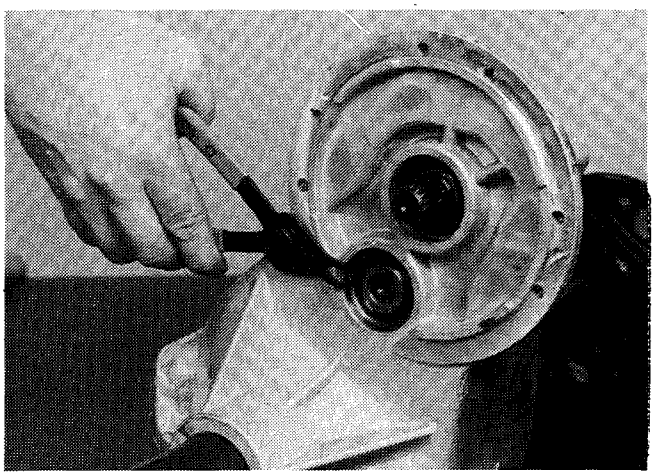


5. Remove four (4) bolts and nuts from final drive gear. Remove gear from differential case, using caution not to damage gear teeth.

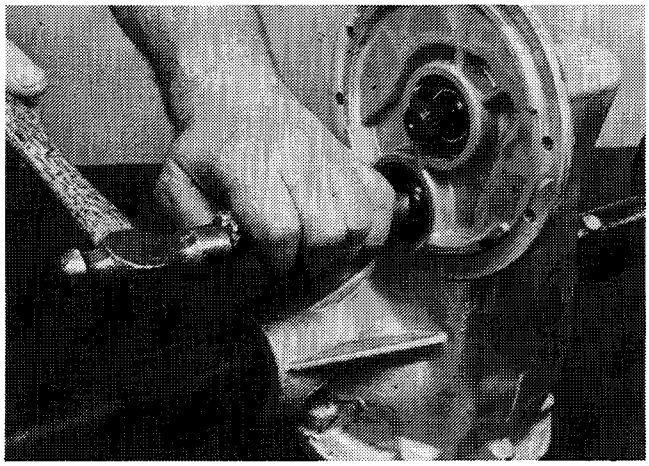
Intermediate Shaft and Gear Assembly Removal



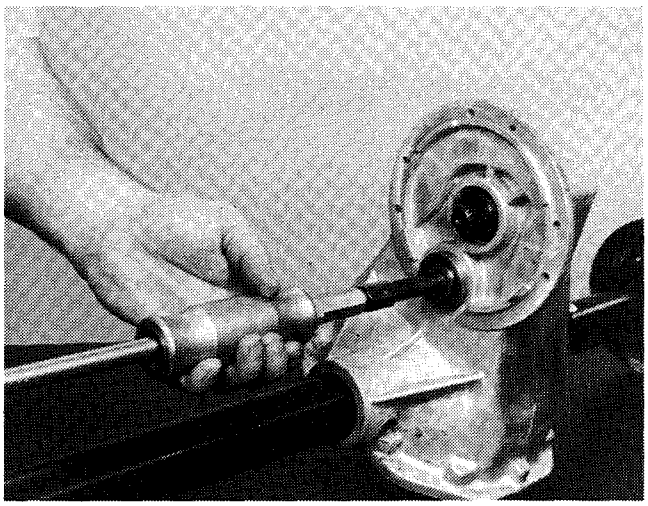
1. Punch or drill approximately 1/8" diameter near the center of each intermediate bore plug. Insert a suitably sized sheet metal screw until the metal bore plug is forced out of the bearing bore.



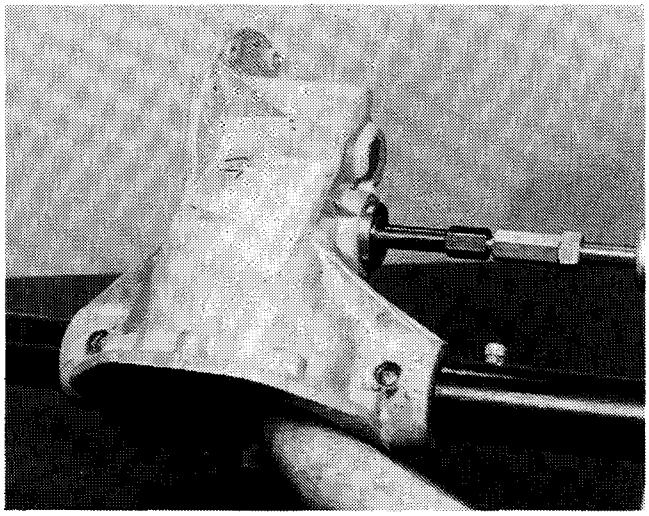
2. Remove snap rings from each intermediate bore.



3. Using a brass drift pin, drive the intermediate shaft from the flange side of housing. Shaft should travel far enough to allow engagement of I.D. bearing puller.



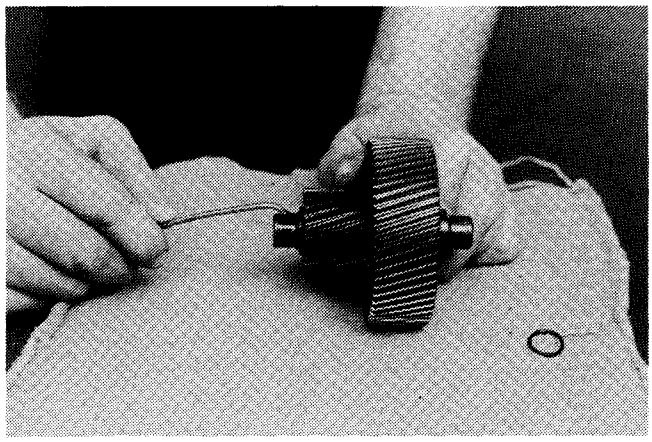
4. Using an I.D. bearing puller attached to a slide hammer, remove intermediate bearing from flange side of housing.



5. Repeat step 3 for intermediate bearing on opposite side.

   CAUTION: Shaft and gear assembly must be supported by hand as not to damage gear teeth.

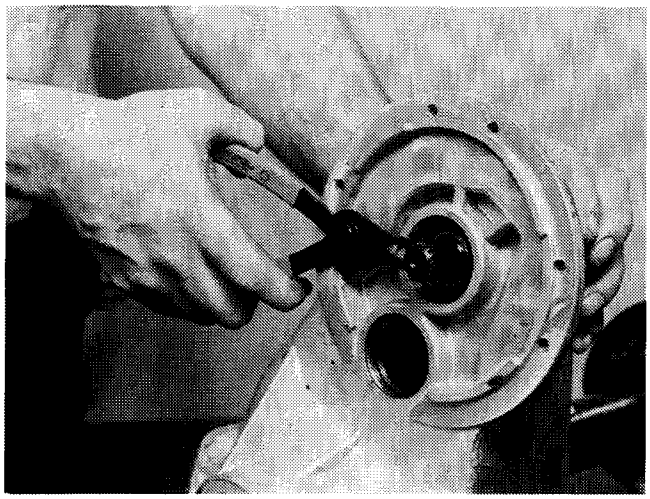
   NOTE: Small end of intermediate shaft and gear assembly must be tilted toward opening in bottom of housing for removal. Use caution as not to damage gear teeth.



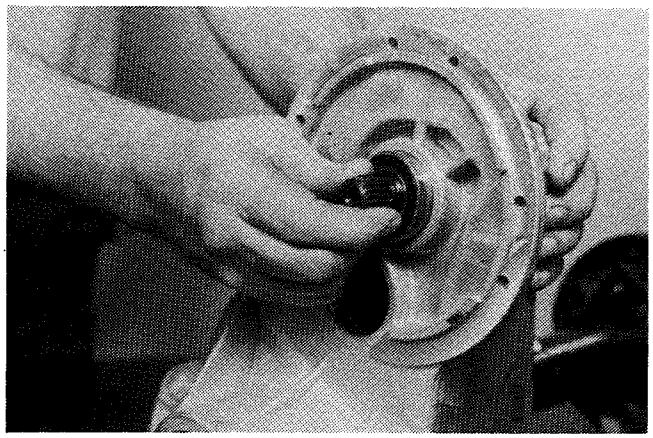
6. Remove "O" rings at each end of intermediate shaft on bearing shoulders.

Input Shaft Removal

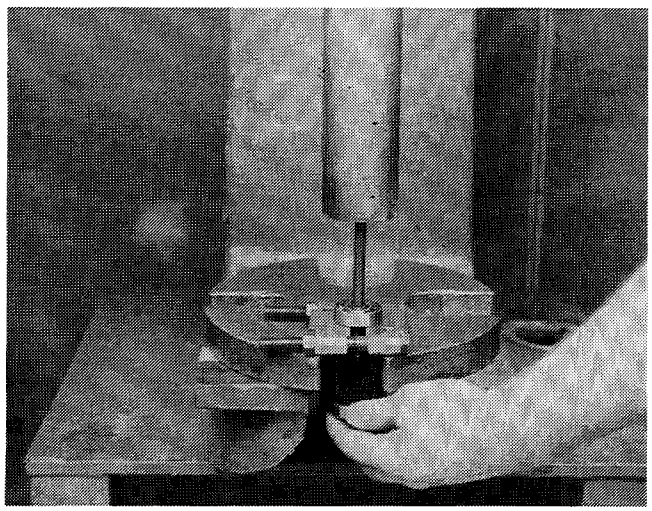
(See steps 4 thru 10 for gas axle input shaft removal)



1. Remove snap ring from input shaft bore.



2. Pull input shaft assembly from housing. The input shaft assembly should slide out of the housing easily. If resistance is encountered, a slide hammer may be required. Use caution as not to damage gear.



3. Using an arbor press and bearing support, remove bearings from both ends of input shaft.

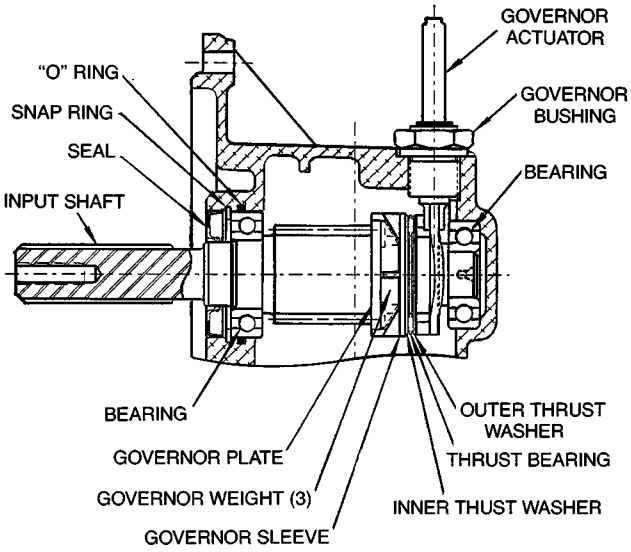
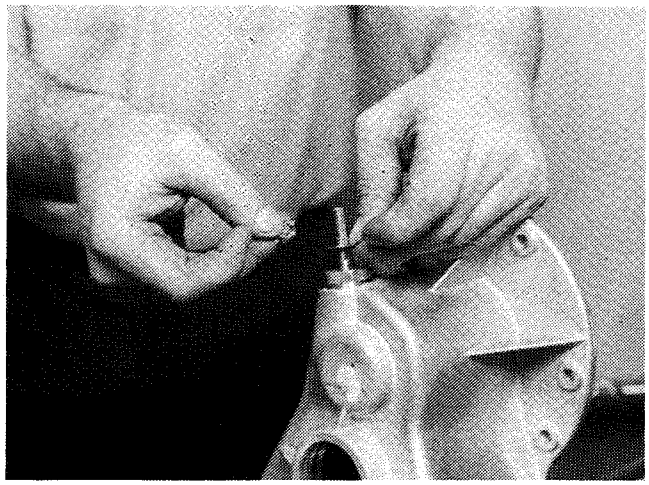
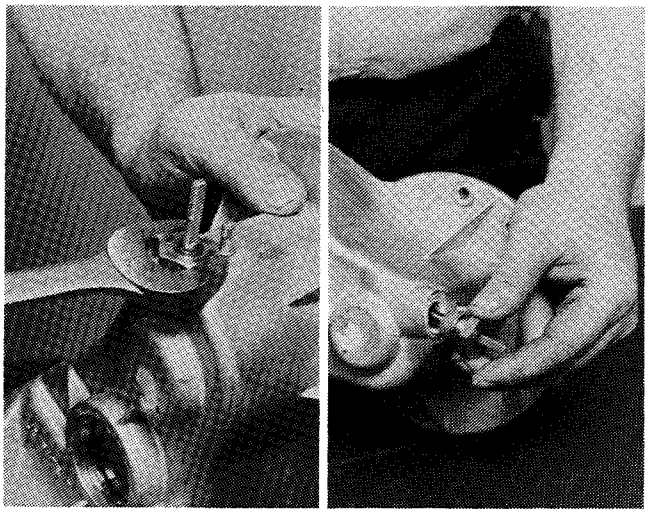


DIAGRAM #2

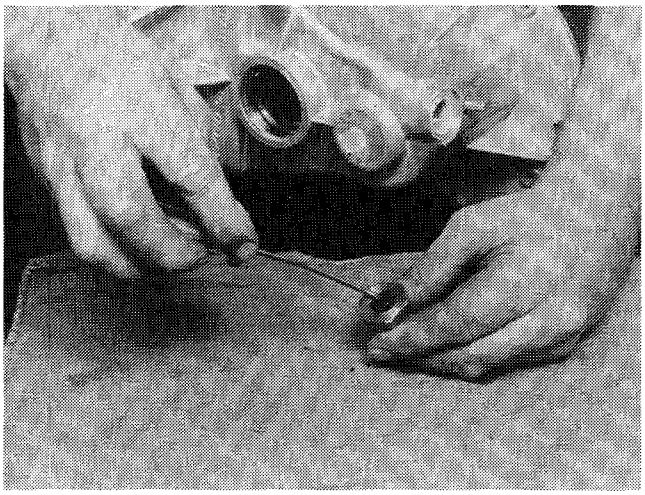
(Gas Axle Only)



4. **(Gas Axle Only)** Remove "E" clip and washer from top of governor actuator bushing.



5. **(Gas Axle Only)** Remove governor bushing. Governor actuator can then be removed from inside of housing.



6. **(Gas Axle Only)** Remove seal from top of governor bushing.
7. **(Gas Axle Only)** Remove oil seal from input shaft bore. Refer to steps 1, 2, and 3 for input shaft removal.

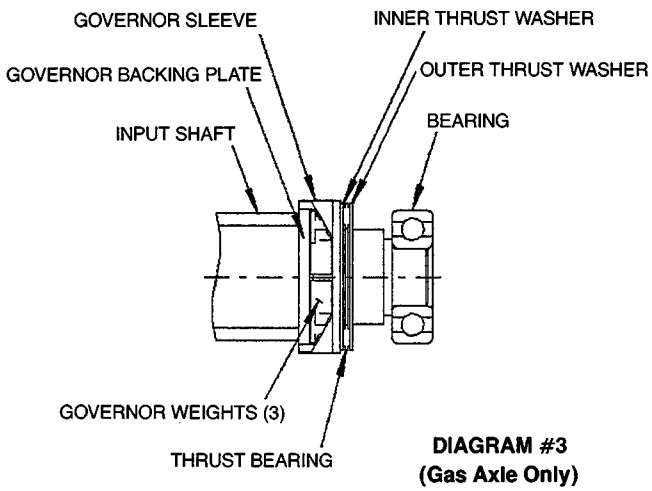
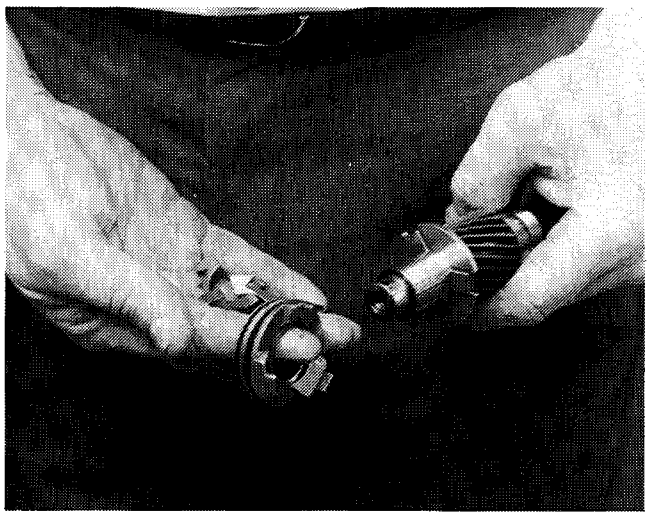
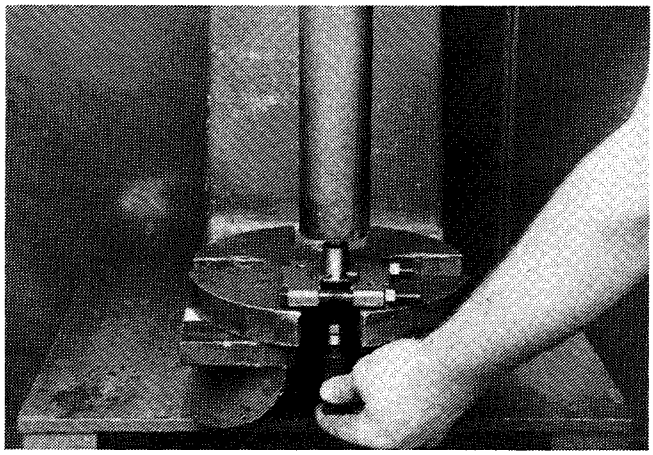


DIAGRAM #3
(Gas Axle Only)

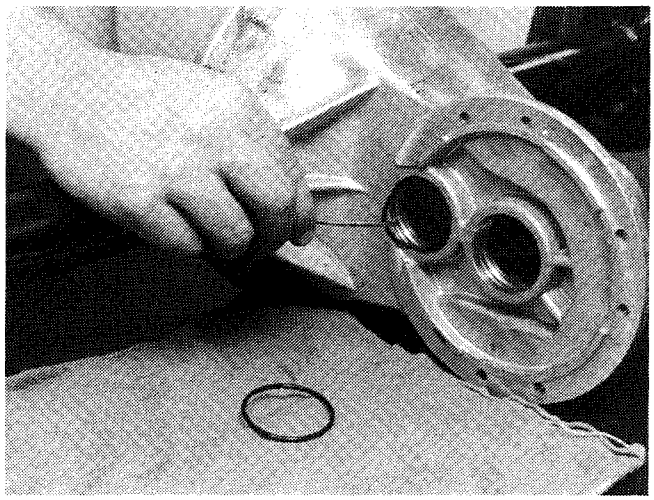


8. **(Gas Axle Only)** After inner bearing removal, governor weights, inner and outer thrust washers, and thrust bearing will be free for removal.



9. **(Gas Axle Only)** If necessary, remove governor backing plate from input shaft with arbor press.
   NOTE: If backing plate is removed, it should be replaced with new.

Removal of "O" Rings from Housing



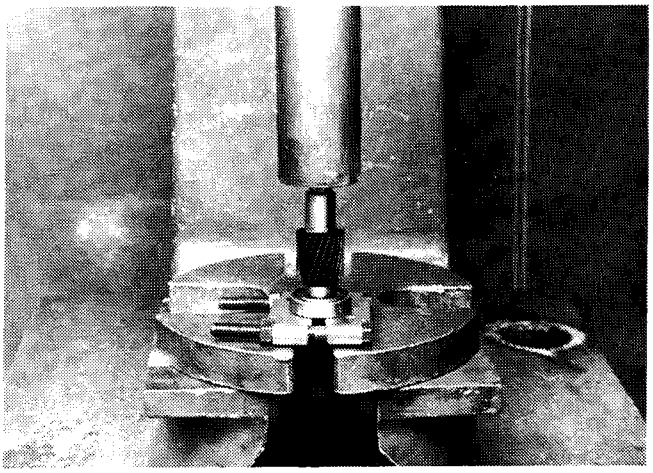
1. Remove "O" rings from outer input bearing bore and both intermediate bearing bores.
2. **(Gas Axle Only)** Should drive pin on top of housing assembly require replacing, old pin may be removed with pliers or vise grips and new drive pin pressed into housing until retaining ring seats flush with top of housing.
   NOTE: Loctite RC 609 should be applied to pin bore prior to assembly.
3. Refer to page 2 for cleaning and inspection of components.

Reassembly

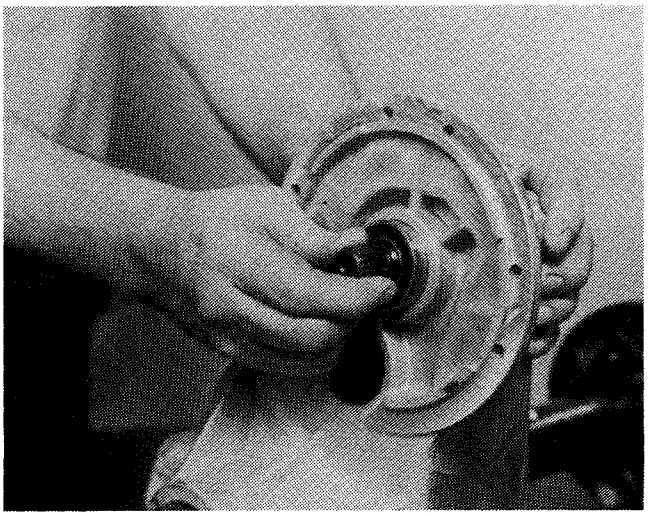
1. Install new "O" rings into outer pinion bearing bore, intermediate bearing bores and intermediate shaft and gear assembly, prior to installing, wipe "O" rings with light oil or "O" ring lubricant.

Input Shaft Reassembly

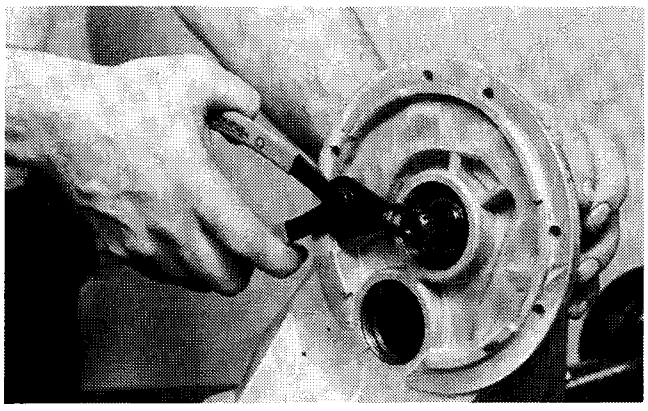
(See steps 4, 5, 6, 7, and 8 for gas axle input shaft assembly)



1. Press inner and outer bearings on input shaft to bearing shoulders.



2. Reinstall input shaft. Bearings and shaft should slide easily into housing. If resistance is encountered, a plastic or leather mallet could be used to tap the shaft into its correct position, using caution not to damage gear teeth.



3. Install outer snap ring at input shaft bore.

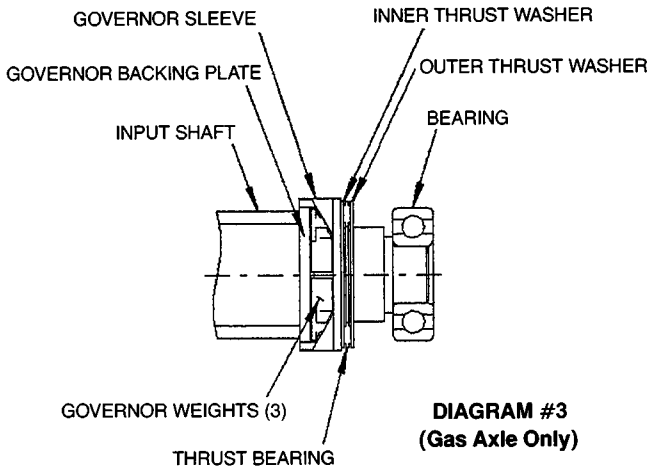
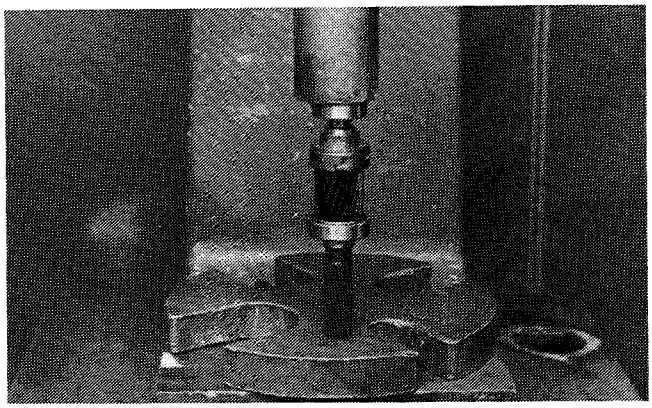
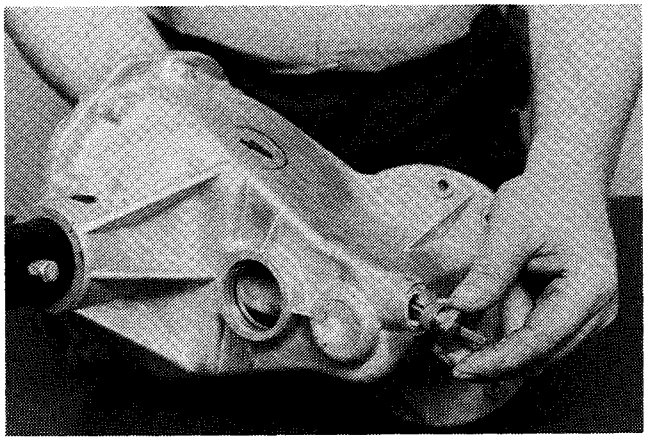


DIAGRAM #3
(Gas Axle Only)



4. **(Gas Axle Only)** Press governor backing plate on back side of gear. Reinstall thrust bearing, thrust washers, governor sleeve and governor weights (3). Press outer bearing onto input shaft. Refer to Diagram #3.
5. **(Gas Axle Only)** Press inner bearing onto input shaft sub-assembly.
6. Reinstall input shaft, refer to steps 2 and 3.
7. **(Gas Axle Only)** Install input shaft oil seal. Seal should be pressed flush with outer housing face.

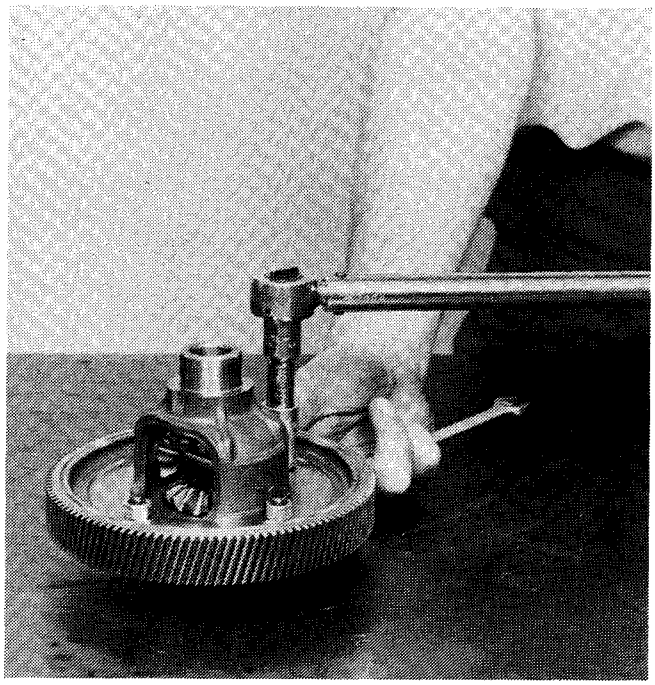


8. **(Gas Axle Only)** After steps 2, 3, 4, 5, and 6, install bushing assembly and governor actuator. Actuator must be inserted thru inside of housing and bushing from outside. Actuator tangs must be against rear of outer thrust washer. Torque bushing to 35-45 Ft. Lbs. Refer to Diagram #2 for proper location of actuator tangs.

Intermediate Shaft and Gear Assembly Installation

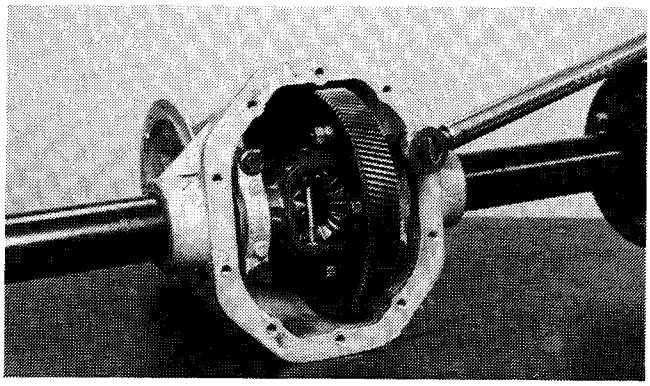
1. After "O" ring installation, assemble intermediate shaft and gear assembly thru bottom opening in housing.
   NOTE: Small end of intermediate shaft and gear assembly must be tilted toward bottom opening until bearing trunnion visually engages intermediate bores.
   Align both bearing trunnions with intermediate bores. Continue supporting intermediate shaft and gear assembly with one hand and insert the flanged side bearing into opening. To seat the bearing past "O" ring, a leather or plastic mallet may be required. After flanged side bearing is seated past snap ring groove, install snap ring. Repeat procedure for opposite side bearing and snap ring. Use caution as not to damage gear.

Differential Case and Final Drive Gear Reassembly

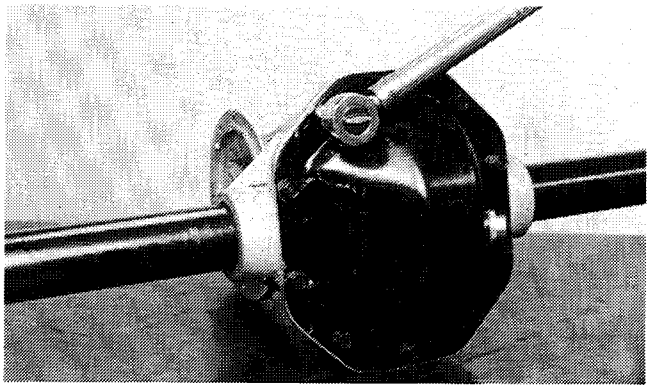


1. Position differential case assembly with flanged side trunnion down on work surface. Align final drive gear mounting holes with differential case and install four (4) bolts and nuts. Bolts should be installed from the differential flange side. Torque to 35-45 Ft. Lbs.

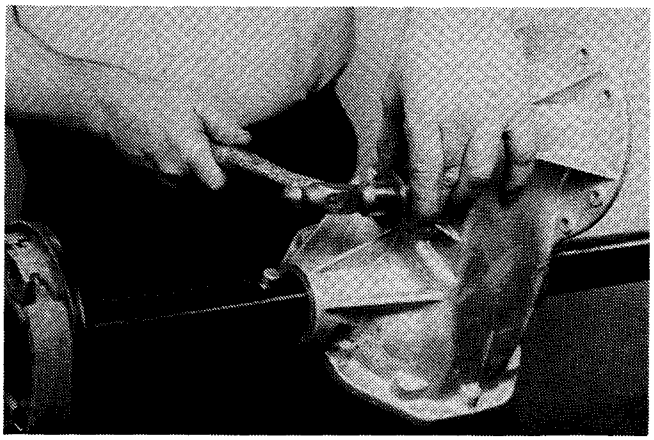
2. After final drive gear has been assembled to differential case, press differential bearing onto each trunnion of differential case, using caution not to damage gear teeth.



3. Position housing with opening up and insert differential case, final drive gear, and bearing assembly into housing. Install differential bearing caps.
   NOTE: Bearing caps are marked for indentification. Letters or numbers are stamped in horizontal or vertical position. During reassembly, they must return to their original positions.
   Install four (4) cap screws into bearing caps and torque to 35-45 Ft. Lbs.

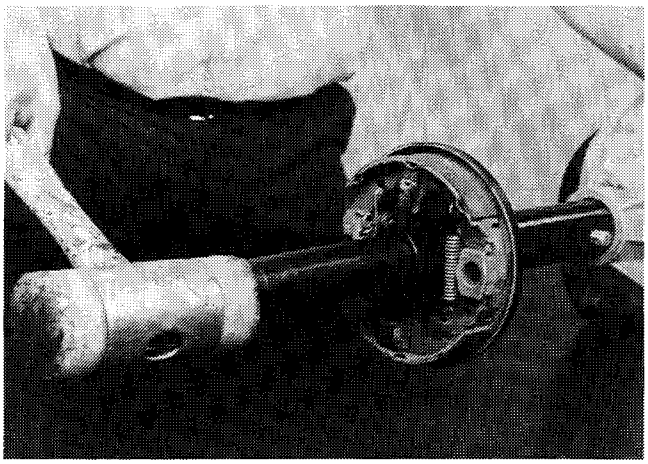


4. Place a small bead of RTV (non-acidic) silicone sealant to bottom flange of axle housing. Sealant should be applied inside of cover plate mounting holes. Install the ten (10) cover plate screws and torque to 18-28 Ft. Lbs.

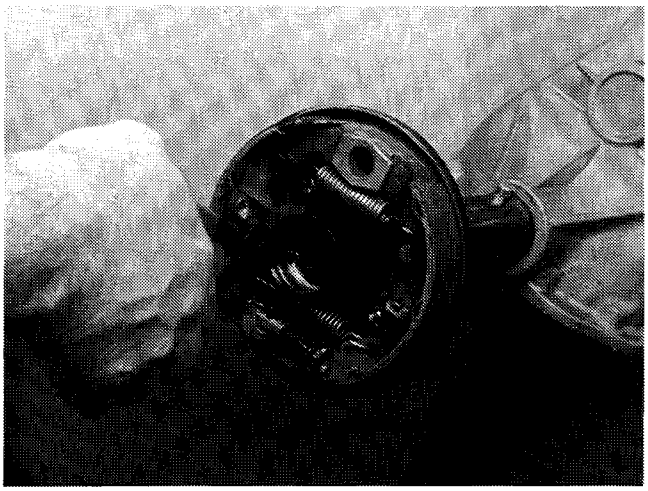


5. Install new intermediate bore plug to both sides of housing. Use Loctite Safety Solvent #75559 to clean bores, then apply Loctite RC 609 to housing bores. Bore plugs can then be installed by using a properly sized driver and a hammer.
   NOTE: Bore plugs should be firmly against snap rings, when fully seated.

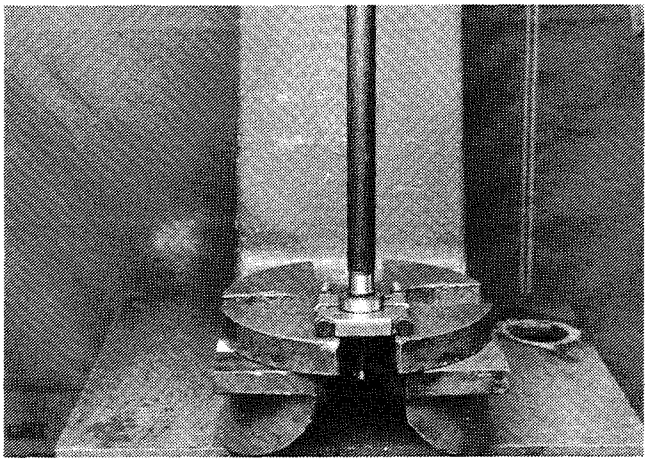
Axle Shaft Bearing and Seal Reassembly



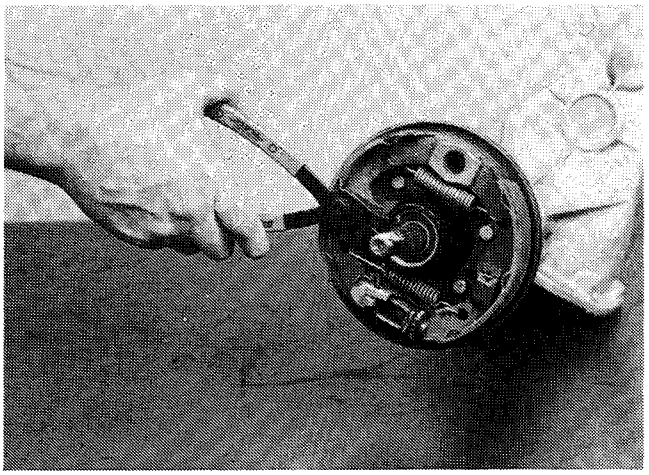
1. With properly sized seal driver, install shaft seals.
   NOTE: Seal to be installed to dimension shown in Axle Shaft, Bearing, and Oil Seal Disassembly Diagram #1. Seal lip should be coated uniformly with light oil or grease before inserting axle shaft.



2. Install inner snap ring to both right and left hand tubes.



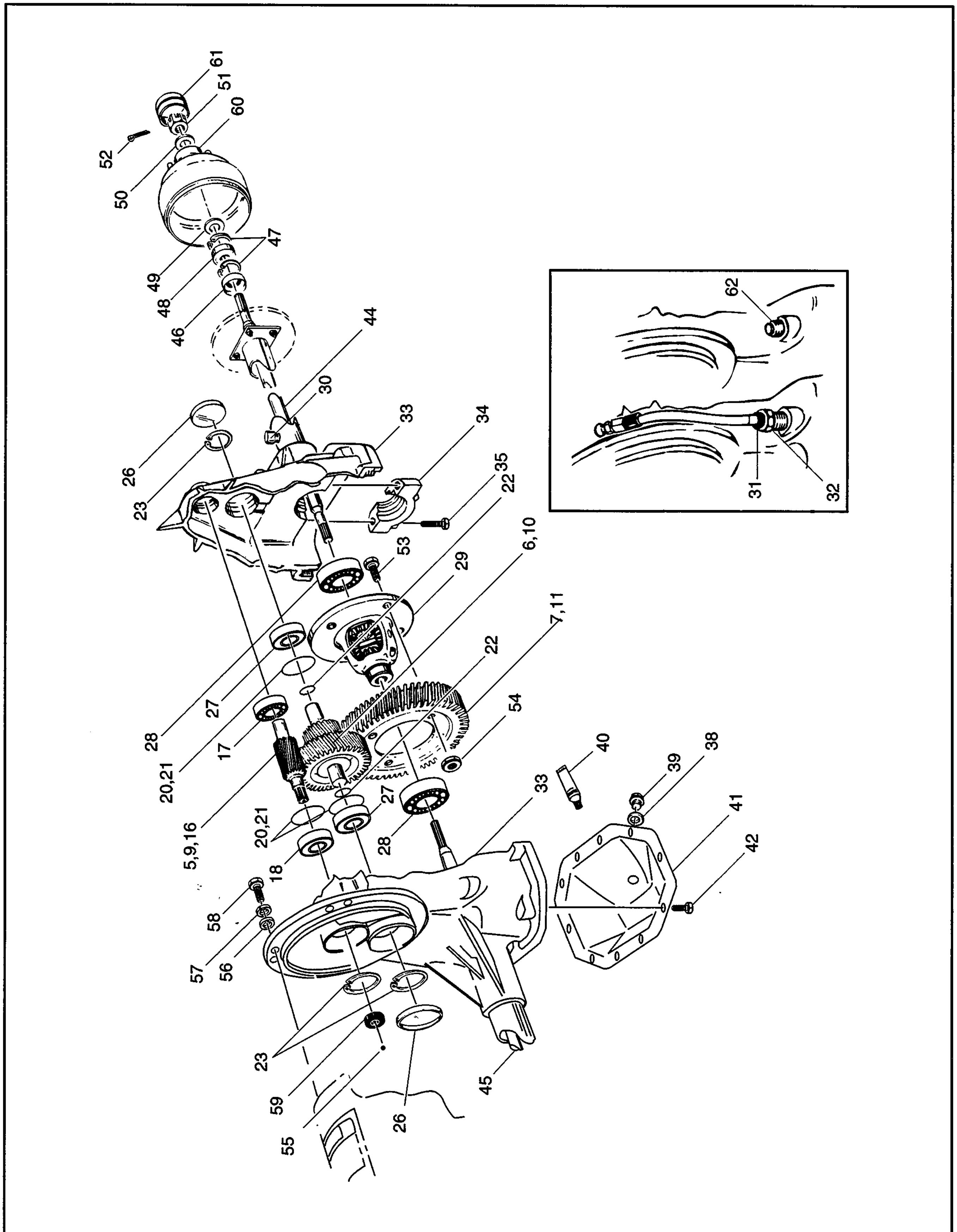
3. Press bearings onto axle shafts. Bearing should seat to shoulder.
4. Insert axle shaft assemblies into tubes. With a properly sized bearing driver, tap assembly until it is seated firmly against inner snap ring. Refer to Diagram #1.
   NOTE: Rotation of shaft may be required to engage differential splines, during installation.



5. Install outer snap ring in each tube.
6. Remove fill plug in cover plate. Fill axle assembly with correct type and amount of lubricant as recommended by O.E.M. Torque fill plug to 25-40 Ft. Lbs.

NOTES

DANA AXLE ILLUSTRATED PARTS BREAKDOWN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When ordering parts, please specify the model and serial number of the product.
* Indicates a component that is not available as an individual part.
G** Indicates consult Customer Service Department for additional information.

ITEM	PART NO.	1 2 3 4 5 DESCRIPTION	QTY.
1	25283-G23	REAR AXLE ASSEMBLY, MODEL YEAR 88/89 (TOP PULL BRAKES)	1
2	27120-G**	REAR AXLE ASSEMBLY, MODEL YEAR 1990 AND LATER	1
3			
4	23501-G2	GEAR SET 14.78:1	1
5	*	GEAR, INPUT (14.78)	1
6	*	GEAR, INTERMEDIATE	1
7	*	GEAR, OUTPUT	1
8	23501-G3	GEAR SET 12.44:1	1
9	*	GEAR, INPUT (12.44 AND 12.55)	1
10	*	GEAR, INTERMEDIATE	1
11	*	GEAR, OUTPUT	1
12			
13	26926-G01	GEAR KIT, INPUT (12.44)(INCLUDES ITEMS 16-21)	1
14	26927-G01	GEAR KIT, INPUT (14.78)(INCLUDES ITEMS 16-21)	1
15	26928-G01	GEAR KIT, INPUT (12.55)(INCLUDES ITEMS 16-21)	1
16	*	GEAR, INPUT	1
17	23520-G1	BALL BEARING, INPUT GEAR	1
18	23519-G1	BALL BEARING, INPUT GEAR, MOTOR SIDE	1
19	24627-G1	SEAL SET (INCLUDES ITEMS 19 - 21)	1
20	*	SEAL, 'O' RING, THICK	AR
21	*	SEAL, 'O' RING, THIN	AR
22	*	SEAL, 'O' RING	2
23	23530-G1	RETAINING RING	3
24			
25			
26	24461-G1	PLUG CAP	2
27	23521-G1	BALL BEARING, INTERMIDIATE GEAR	2
28	17473-G1	BALL BEARING, OUTPUT GEAR	2
29	18463-G1	DIFFERENTIAL GEAR ASSEMBLY	1
30	25229-G1	VENT, LATE 1989 THRU 1995	1

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ITEM	PART NO.	1 2 3 4 5 DESCRIPTION	QTY.
31	17433-G1	CLAMP	1
32	24878-G1	FITTING, PLASTIC	1
33	*	AXLE HOUSING ASSEMBLY (INCLUDES ITEMS 41 & 42)	1
34	*	RETAINER, BEARING	2
35	15118-G1	SCREW, 3/8-16 X 2 1/8 LG.	4
36			
37			
38	25227-G1	WASHER, THRU 1995	1
39	25226-G1	PLUG, FILL/CHECK, THRU 1995	1
40	20536-G2	SEALANT (7 oz.))	1
41	25228-G1	COVER	1
42	15558-G1	SCREW, 5/16-18 X 3/4 LG.	10
43			
44	20377-G4	SHAFT, AXLE, PASSENGER SIDE	1
45	20377-G3	SHAFT, AXLE, DRIVER'S SIDE	1
46	15114-G1	SEAL, AXLE	2
47	15113-G1	RETAINING RING	4
48	15112-G1	BALL BEARING, AXLE	2
49	15485-G1	WASHER, 20 MM	2
50	15487G1	WASHER, BRAKE DRUM, 5/8	2
51	15483-G1	NUT, SLOTTED, 5/8-18	2
52	10387-G1	COTTER PIN, 1/8 X 1 1/2 LG.	2
53	00433-G1	SCREW, 3/8 - 24 X 1 1/8 LG.	4
54	00532-G6	NUT, 3/8 - 24	4
55	28095-G01	GREASE, MOLY	AR
56	00559-G7	WASHER, 1/4	3
57	00565-G7	WASHER, LOCK, 1/4	3
58	00797-G2	SCREW, 1/4-20 X 1 1/4 LG.	3
59	24261-G1	BUMPER, SPLINE	1
60	24939-G1	ADAPTOR, SPINDLE CAP, MODEL YEAR 1990 AND LATER	1

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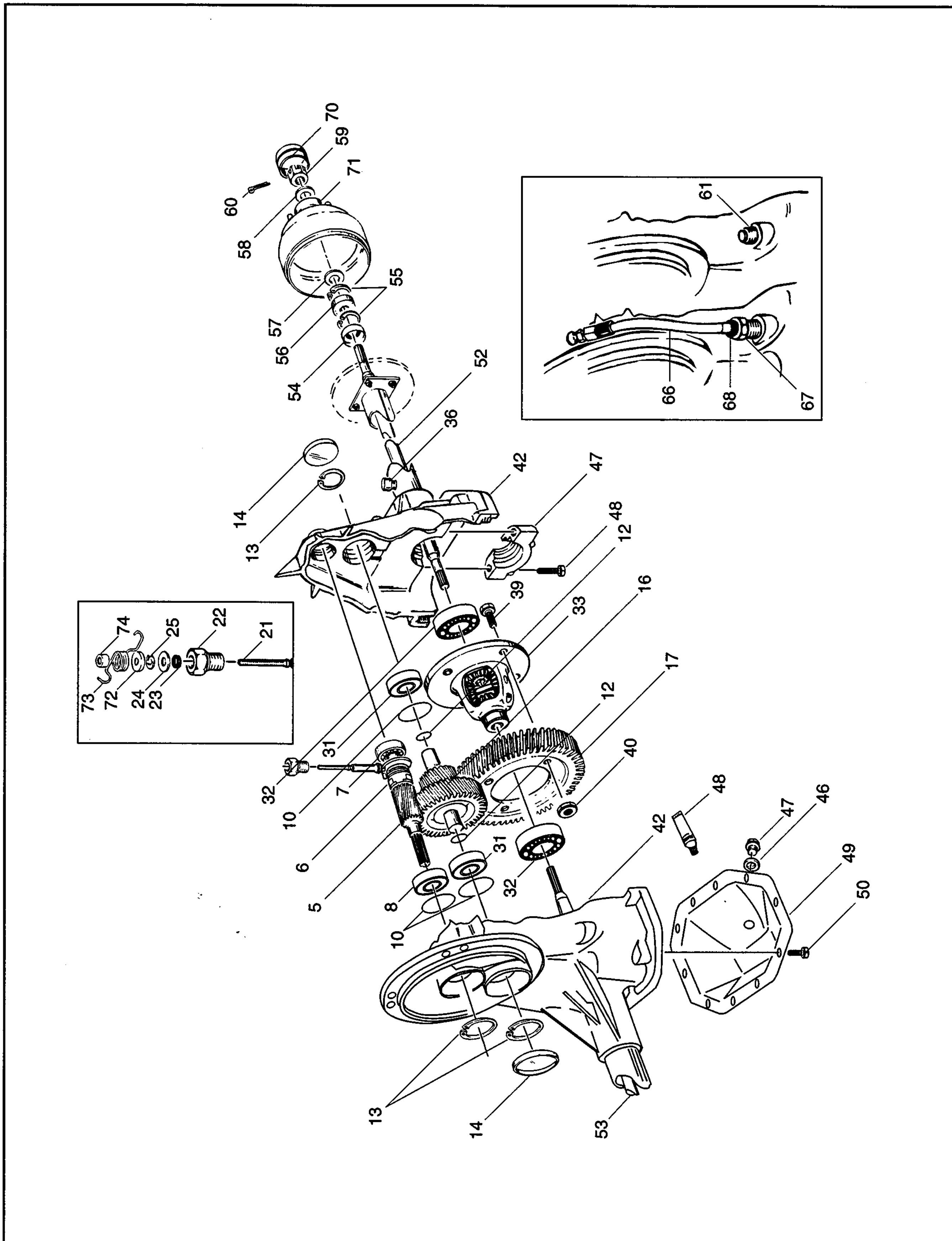
ITEM	PART NO.	1 2 3 4 5 DESCRIPTION	QTY.
61	12091-G1	SPINDLE CAP, MODEL YEAR 1990 AND LATER	1
62	24459-G1	PLUG, VENT, LATE 1989 AND LATER MODELS	1
63	18753-G1	SLIDE HAMMER KIT	NA
64	18739-G1	TOOL, SEAL INSTALLATION	NA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ITEM	PART NO.	1 2 3 4 5 DESCRIPTION	QTY.
1	23539-G2	REAR AXLE/GOVERNOR ASSEMBLY, MODEL YEAR 1989 (TOP PULL BRAKES)	1
2	25113-G1	REAR AXLE/GOVERNOR ASSEMBLY, MODEL YEAR 1990 AND LATER (INCLUDES ITEMS 3-61)	1
3	24634-G1	GEAR SET (INCLUDES ITEMS 5, 16, 17)	1
4	26322-G01	GEAR KIT, INPUT (INCLUDES ITEMS 5-14)	1
5	*	GEAR, INPUT	1
6	*	GOVERNOR UNIT	1
7	23520-G1	BALL BEARING, INPUT GEAR	1
8	23519-G1	BALL BEARING, INPUT GEAR, CLUTCH SIDE	1
9	24627-G1	SEAL, SET (INCLUDES ITEMS 10 - 12)	1
10	*	SEAL, 'O' RING, THICK	3
11	*	SEAL, 'O' RING, THIN	3
12	*	SEAL, 'O' RING	2
13	23530-G1	RING, RETAINING	3
14	24461-G1	PLUG, CAP	2
15			
16	*	GEAR, INTERMEDIATE	1
17	*	GEAR, OUTPUT	1
18			
19			
20	24629-G1	ARM AND BUSHING SET (INCLUDES ITEMS 21 & 22)	1
21	24630-G1	ACTUATOR ARM	1
22	24631-G1	BUSHING	1
23	25592-G1	SEAL, ACTUATOR ARM	1
24	24632-G1	WASHER, ACTUATOR ARM	1
25	24633-G1	RING, SNAP	1
26	23588-G1	WASHER, SPECIAL	1
27	23577-G1	SPRING, TORSION	1
28	23584-G1	TUBE, PIVOT	1
29			

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ITEM	PART NO.	1 2 3 4 5 DESCRIPTION	QTY.
30			
31	23521-G1	BALL BEARING, INTERMEDIATE GEAR	2
32	17473-G1	BALL BEARING, OUTPUT GEAR	2
33	18463-G1	DIFFERENTIAL GEAR ASSEMBLY	1
34			
35			
36	25229-G1	VENT, LATE 1989 THRU 1995	1
37			
38			
39	00433-G1	SCREW, 3/8-24 X 1 1/8 LG.	4
40	00532-G6	NUT, 3/8-24	4
41			
42	*	AXLE HOUSING ASSEMBLY (INCLUDES ITEMS 43 & 44)	1
43	*	RETAINER, BEARING	2
44	15118-G1	SCREW, 3/8-18 X 3/4 LG.	4
45			
46	25227-G1	WASHER	1
47	25226-G1	PLUG, FILL/CHECK	1
48	20536-G2	SEALANT (7 oz.)	1
49	25228-G1	COVER	1
50	15558-G1	SCREW, 5/16-18 X 3/4 LG.	10
51			
52	20377-G7	SHAFT, AXLE, PASSENGER SIDE	1
53	20377-G8	SHAFT, AXLE, DRIVER'S SIDE	1
54	15114-G1	SEAL, AXLE	2
55	15113-G1	RING, RETAINING	4
56	15112-G1	BALL BEARING, AXLE	2
57	15485-G1	WASHER, 20 mm	2
58	15487-G1	WASHER, BRAKE DRUM, 5/8	2
59	15483-G1	NUT, SLOTTED, 5/8-18	2

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ITEM	PART NO.	1 2 3 4 5 DESCRIPTION	QTY.
60	10387-G1	COTTER PIN, 1/8 X 1 1/2 LG.	2
61	24459-G1	PLUG, PIPE, LATE 89 AND LATER	1
62			
63			
64			
65			
66	24502-G1	VENT TUBE ASSEMBLY, MODEL YEAR 1989	1
67	24878-G1	FITTING, PLASTIC	1
68	17433-G2	CLAMP	1
69			
70	12091-G1	SPINDLE CAP	2
71	24939-G1	ADAPTER, SPINDLE CAP	2
72	23588-G1	WASHER, SPECIAL	1
73	23577-G1	SPRING, TORSION	1
74	23584-G1	TUBE, PIVOT	1
75			
76			
77	18753-G1	SLIDE HAMMER KIT	NA
78	18739-G1	TOOL, SEAL INSTALLATION	NA

NOTES

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