

AH and GH Tractors (Serial No. AH-665000 and Up; GH-G46800 and Up)



JOHN DEERE

OPERATORS MANUAL

AH and GH Tractors (Serial No. AH-665000
and Up; GH-G46800 and Up)

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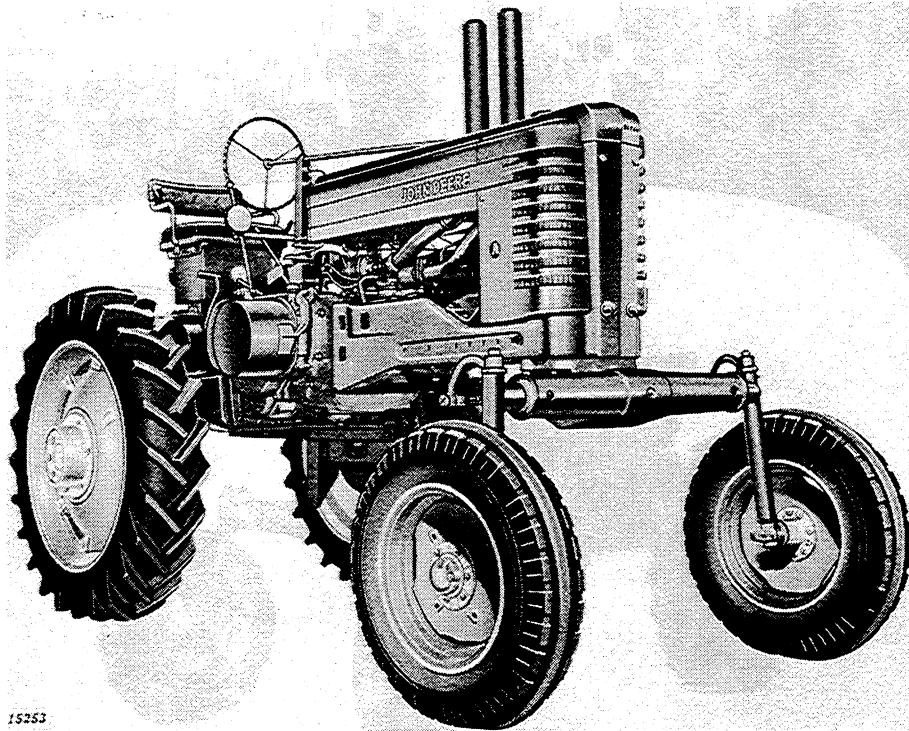
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INTRODUCTION

In many respects your new John Deere Model "AH" or "GH" (Hi-Crop) Tractor is just like a John Deere Model "A" or "G" Tractor.

Refer to your Model "A" or "G" Operator's Manual for description and location of controls and method of starting, stopping, and operating your "AH" or "GH" Tractor. Use the "A" or "G" Manual for instructions on keeping the fuel, ignition, and cooling systems, tappets, Powr-Trol, and starting and lighting equipment of your Hi-Crop Tractor in first-class working order. Refer to it often for constructive and helpful suggestions on getting the most out of your Hi-Crop Tractor.

The instructions in this manual supplement those in the Operator's Manual for an "A" or "G" Tractor. They cover only those parts of your Hi-Crop Tractor which are different from similar parts of "A" or "G" Tractors.



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John Deere Model "AH" (Hi-Crop) Tractor

SPECIFICATIONS

Most of the specifications in the Model "A" or "G" Tractor Operator's Manual apply equally to your "AH" or "GH" Tractor. The following, however, are different.

TRACTOR SPEEDS

"AH" Tractor.

Gear	M.P.H. with 11-38 Regular Tires	M.P.H. with 12-38 Cane and Rice Tires
First	1-1/2	1-1/2
Second	2-1/2	2-3/4
Third	3-1/2	3-3/4
Fourth	4-1/2	4-3/4
Fifth	6-1/2	6-3/4
Sixth	11-1/4	12
Reverse	3	3-1/4

"GH" Tractor.

Gear	M.P.H. with 12-38 Regular Tires	M.P.H. with 12-38 Cane and Rice Tires
First	2-1/4	2-1/2
Second	3-1/4	3-1/2
Third	4-1/4	4-1/2
Fourth	6	6-1/4
Fifth	8-1/4	8-1/2
Sixth	11-3/4	12-1/4
Reverse	3	3-1/4

SHIPPING WEIGHTS

"AH" Tractor with 11-38 Tires..... 6400 lbs.
"GH" Tractor with 12-38 Tires..... 6940 lbs.

LUBRICATION

The "A" or "G" Operator's Manual contains complete instructions for periodic lubrication of all points of your "AH" or "GH" Tractor except those noted below. Of special importance are the following lubrication points:

Crankcase
Transmission
Air Cleaner
Powr-Trol
Oil Filter

See your "A" or "G"
Operator's Manual

The only differences between lubrication of your Hi-Crop Tractor and an "A" or "G" Tractor are the final drives, brakes, and grease fittings. The following instructions cover these points.

Final Drives.

When transmission oil is changed, drain each final drive housing and refill to oil level plug (Figure 1), using chart below as a guide to proper weight of lubricant. Capacity of each final drive housing is 1-3/4 U.S. quarts.

TEMPERATURE- WEIGHT CHART FOR FINAL DRIVE LUBRICANT

Air Temperature	Weight of Oil
32° F. and up	SAE 140
Below 32° F.	SAE 90

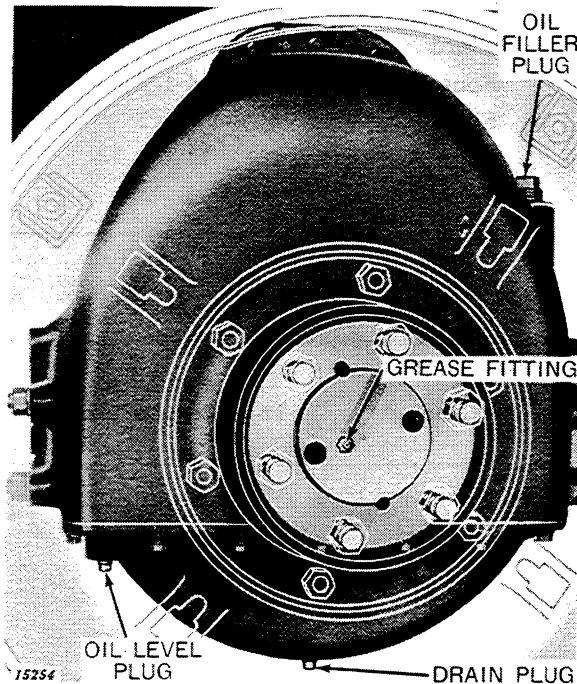


Figure 1—Final Drive Housing

Brakes.

Lubricate outer brake bearings every 500 hours with regular engine oil of the same weight as is used in the crankcase. Reservoir is filled through upper 1/8-inch pipe plug hole located on the inside of outer brake shaft housing flange.

Servicing Grease Fittings.

Service all grease fittings with pressure-gun grease, wiping off fittings beforehand.

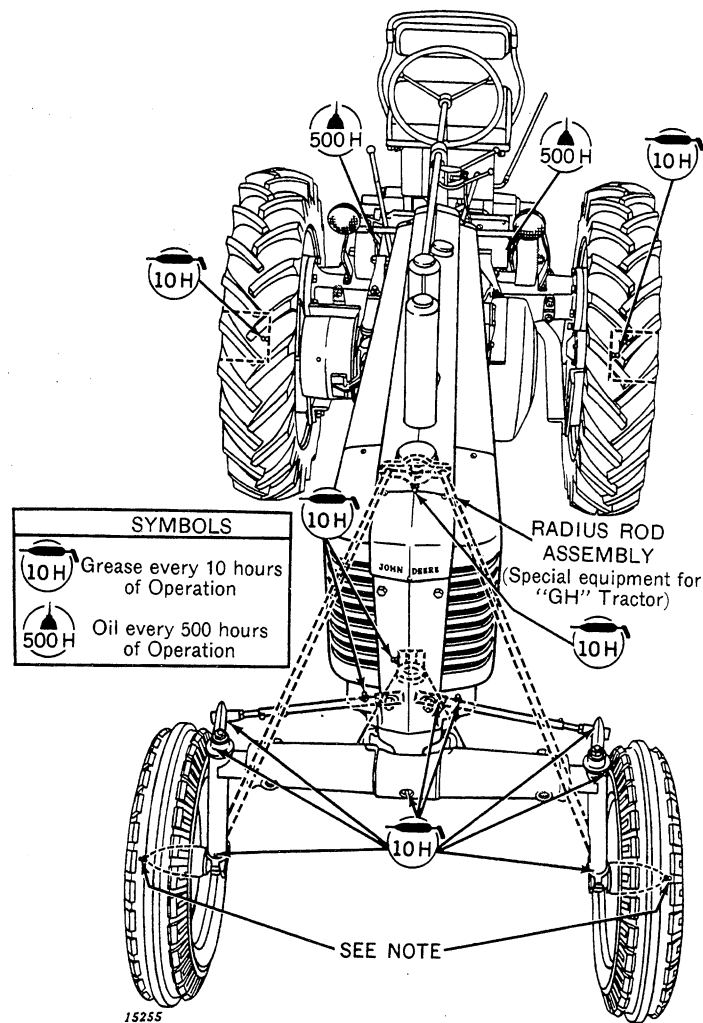


Figure 2—Lubrication Chart

NOTE: Front wheels are packed with wheel bearing grease at the factory and need cleaning and repacking every 6 months under normal conditions.

Where there is danger of mud and water getting into the front wheel bearings, due to operating in extremely wet and muddy conditions, grease front wheels **every** 10 hours with gun grease until the wheels can be removed and bearings cleaned and repacked with wheel bearing grease.

TIRE INFLATION

FRONT TIRES (ALL SIZES)

4-Ply—28 lbs.

6-Ply—36 lbs.

8-Ply—36 lbs.

When using mounted implements, consult implement instructions for front and rear tire pressures.

REAR TIRES

Model	Tire Size	Ply	Inflation Pressure Without Added Weight	Maximum Permissible Additional Weight per Wheel at Maximum Recommended Inflation Pressure
"AH"	11-38	6	16	450 at 20 lbs.
"AH"	12-38	6	12	450 at 16 lbs.
"GH"	12-38	6	12	870 at 20 lbs.

USING THE DRAWBAR

To meet variable crop conditions and provide a suitable hitch for a variety of special tools, the drawbar on Hi-Crop Tractors is provided with three vertical adjustments. In the low position on the "AH" Tractor, the drawbar height is 14 inches; in the intermediate setting, the height is 25 inches, and in the high position, the height is 32 inches. On the "GH" Tractor the heights are 15, 26, and 33 inches. (See Figure 3.)

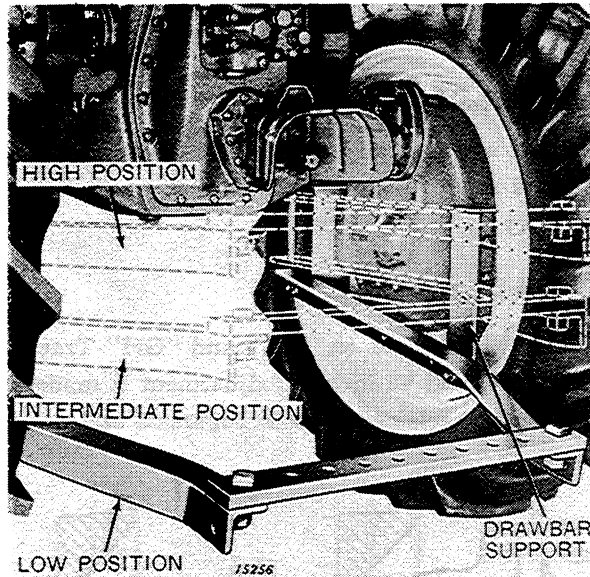


Figure 3—Drawbar Setting

CAUTION: When doing heavy drawbar work, the drawbar must be in the low position. Intermediate and high drawbar positions are to be used for light drawbar work only.

For extremely muddy or trashy conditions, a narrow drawbar setting is provided (Figure 4). The drawbar sides are removed from the drawbar

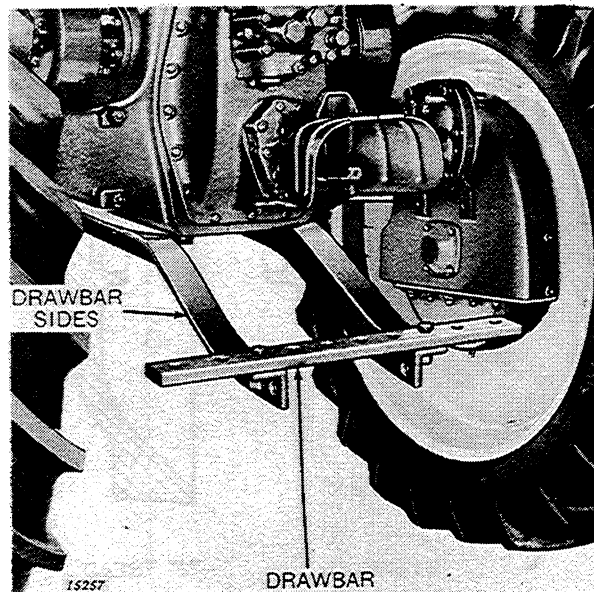


Figure 4—Narrow Drawbar Setting

supports and attached underneath the drive shaft housing with front-support-to-final-drive-gear-housing cap screws. Side-to-support bolts are used for attaching drawbar to sides.

When in the narrow position, drawbar height is 25 inches on the "AH" Tractor and 26 inches on the "GH" Tractor. **CAUTION:** Only light drawbar loads should be attempted with drawbar in this position.

For additional drawbar information see the "A" or "G" Operator's Manual.

WHEEL TREAD ADJUSTMENT

Front Wheel Adjustment.

Front wheel tread is adjustable to 60, 66, 72, 78, and 84 inches. Adjustment is made in a manner similar to that used on "AW" and "GW" Tractors.

Rear Wheel Adjustment.

Rear wheel tread on "AH" and "GH" Tractors is adjustable to 60, 66, 72, 78, 84, and 90 inches. Adjustment is made by shifting position of the hubs and wheels as shown in Figures 5 and 6.

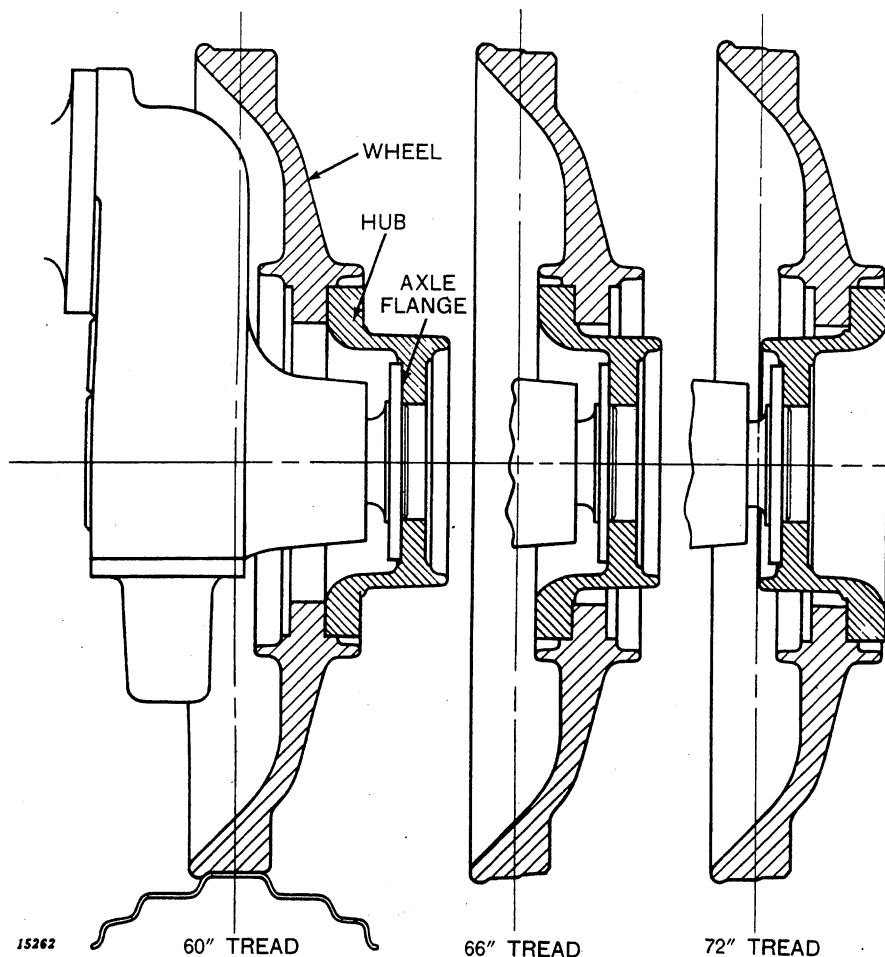


Figure 5—Rear Wheel and Hub Positions for 60-, 66-, and 72-Inch Treads

It will be observed that all rear wheel tread widths except 84 and 90 inches can be obtained without reversing the rear wheels. For 84- and 90-inch tread widths it is necessary to reverse the wheels and install them on opposite sides of the tractor.

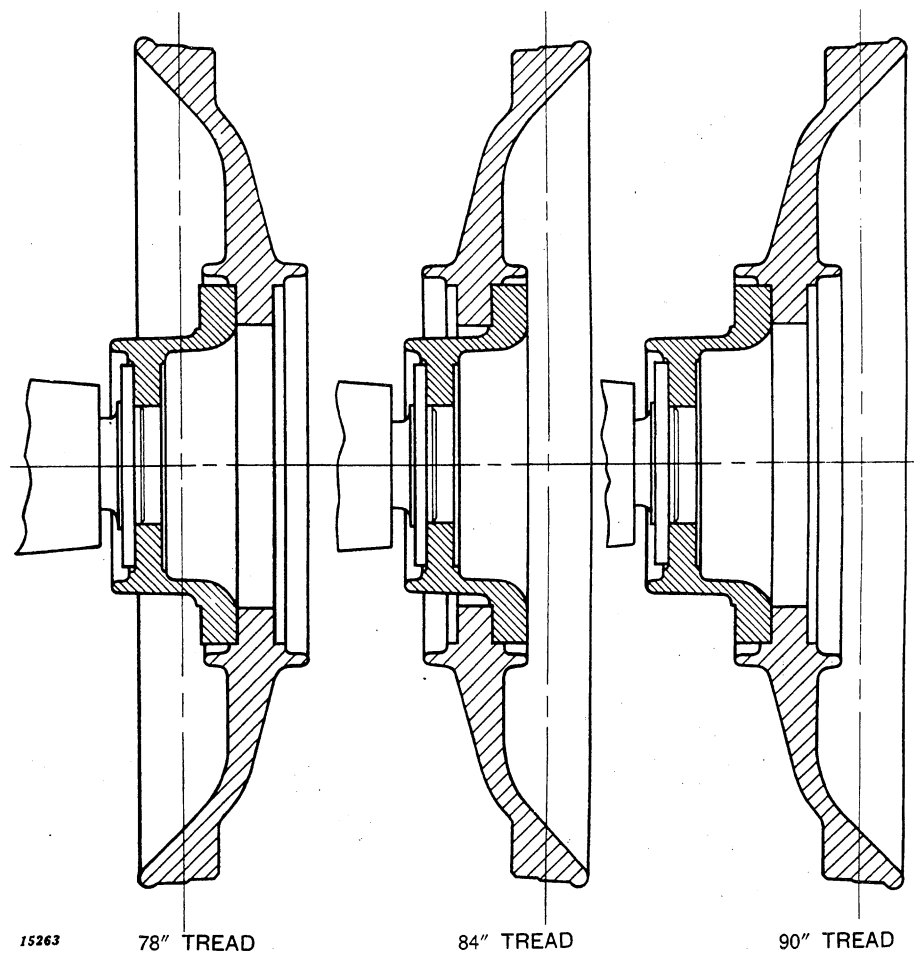


Figure 6—Rear Wheel and Hub Positions for 78-, 84-, and 90-Inch Treads

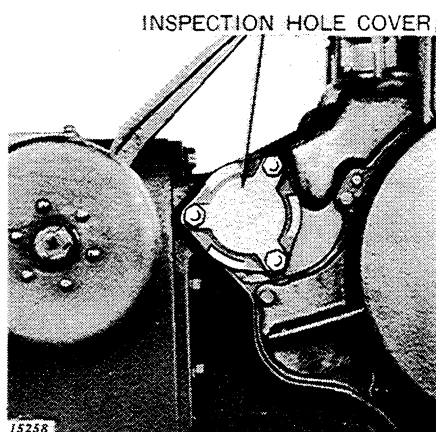


Figure 7—Inspection Hole Cover

Remove brake drum (Figure 9) and brake housing stud nuts, pull brake housing just off mounting studs and rotate to the rear until chain is tight. Then rotate forward to the next series of holes.

Replace stud nuts and tighten.

Remove bolts which secure brake shoe carrier to housing (Figure 9) and rotate carrier forward until brake pedal is positioned in previous location. Replace bolts and tighten nuts.

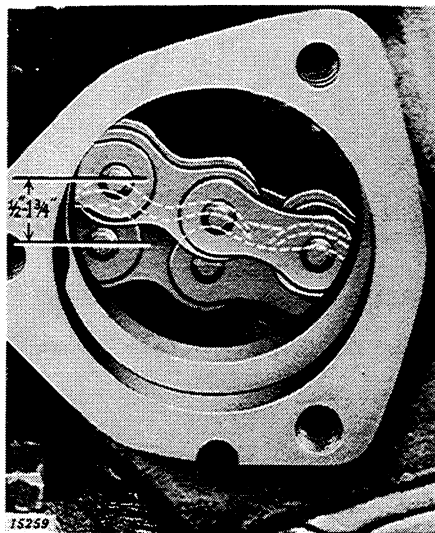


Figure 8—Inspecting Slack in Chain

GENERAL SERVICE INFORMATION

Final Drive Service.

To check chain slack, remove inspection hole cover located in the transmission case just forward of the brake (Figure 7). Chain should not have less than 1/2-inch nor more than 1-3/4-inch slack (Figure 8).

If too much slack is present, adjust as follows:

Remove brake drum (Figure 9) and brake housing stud nuts, pull

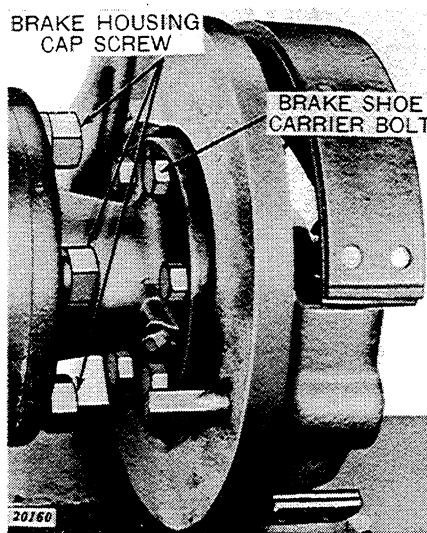


Figure 9—Brake Assembly

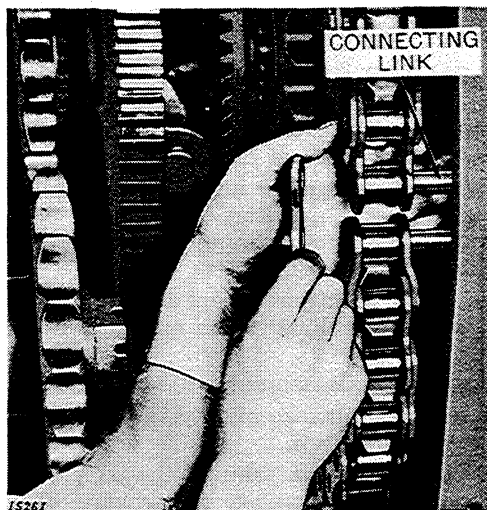


Figure 10—Installing Connecting Link

When replacing chains, connecting link should **always** be installed from the outside of the chain toward the center of the housing (Figure 10).

Drive Shaft.

Adjust drive shaft bearings to 0.004-inch end play, then tighten nut to nearest castellation to insert cotter pin.

Rear Axle Shaft.

Adjust rear axle shaft bearings by tightening the rear axle shaft nut to deflect inner rear axle bearing boss 0.002-inch, then tighten to the next castellation to insert cotter pin.

Differential.

To remove differential assembly, remove inner snap rings from grooves and position them with sprocket against the bevel gear and remove from case.

To install differential assembly; first, assemble inner snap rings and sprockets onto bevel gear splines to position them against the bevel gear and assemble outer snap rings in outer grooves. Second, after differential assembly is installed in case, position sprocket against outer snap rings and insert inner snap rings in grooves.

PARTS LIST

The illustrations and lists of parts on the following pages apply only to the special features of "AH" and "GH" Tractors. For additional information see the "A" or "G" Tractor Parts Catalog or Parts List.

Using the Parts List.

The "exploded view" method of illustrating available parts, i.e., showing the parts extended in their proper relation to each other, is used to assist the user of this Parts List in locating desired parts.

Each available part has been given a key number which is used only in locating the part number, description, and quantity in the list which follows each "exploded view." As this key number is not a part number, **DO NOT USE IT WHEN ORDERING PARTS.**

Quantities are listed as a part of the description except where only one part is used. Quantities listed are for the one illustration only and do not refer to the complete tractor.

Parts listed without key numbers are not illustrated.

Parts without part numbers are not sold but are merely shown to complete the assembly appearance of each illustration.

All hardware such as cap screws, bolts, nuts, and lock washers, are shown in their relative position. If more than one piece of hardware of the same size is used for attaching any one unit together, only one piece is shown. The descriptive list indicates the total number used.

How to Order Parts.

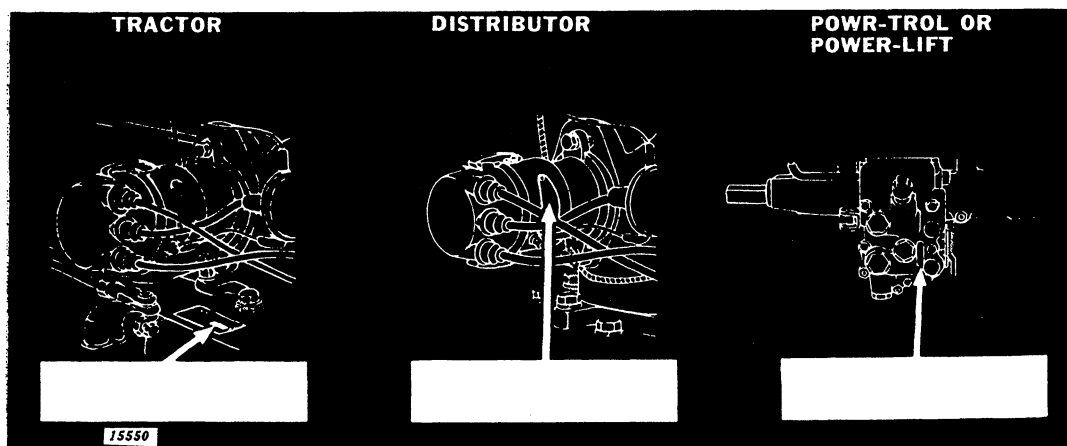
Always give your John Deere dealer the serial number of tractor, Powr-Trol, magneto, or distributor when ordering parts.

If ordering by mail, always give part number and name of each part ordered. If in doubt as to correct name and number, send dimensioned sketch or return broken parts, charges prepaid. **DO NOT USE KEY NUMBER WHEN ORDERING PARTS.**

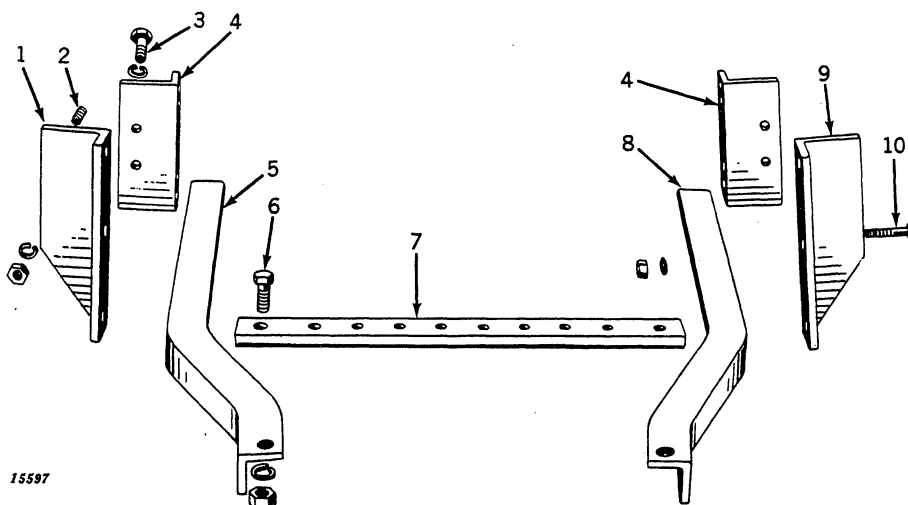
Always separate part orders from correspondence.

Always state whether shipments are to be forwarded by freight, express, or parcel post—telegraph orders will be shipped express or parcel post unless otherwise instructed.

So that you will have the serial numbers of your tractor, magneto, distributor or Powr-Trol when needed, insert them in the spaces provided in the illustrations below.



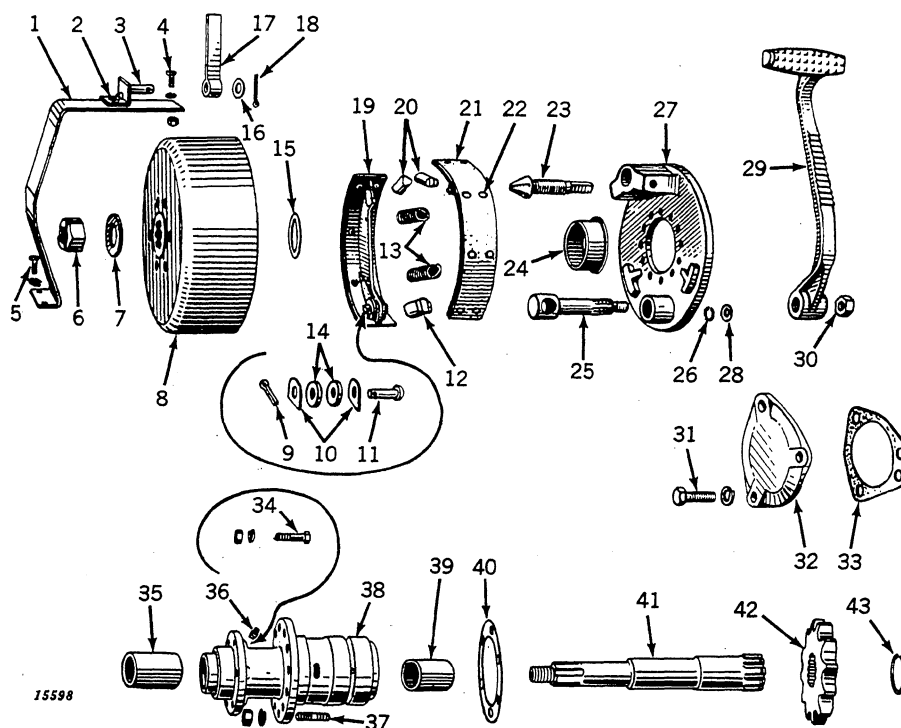
DRAWBAR



Key	Part No.	— Used on —		Description
		"AH"	"GH"	
1	F 988 R	x	x	Support, Drawbar, L.H. Rear
2	F 1024 R	x	x	Stud, 3/4" x 2-3/4" (4 used)
	.....	x	x	Washer, Lock, 3/4" (4 used) (Order AA3407R, Box of 25)
	14H 267 R	x	x	Nut, 3/4" (4 used)
3	19H 1063 R	x	x	Screw, Cap, 3/4" x 1-7/8" (4 used)
	.....	x	x	Washer, Lock, 3/4" (4 used) (Order AA3407R, Box of 25)
4	F 986 R	x	x	Support, Drawbar Front (2 used)
5	F 985 R	x	x	Side, Drawbar, L.H.
6	8H 1868 R	x	x	Bolt, Machine, 1" x 3" (2 used)
	12H 21 R	x	x	Washer, Lock, 1" (2 used)
	14H 272 R	x	x	Nut, 1" (2 used)
7	F 983 R	x	x	Drawbar
8	F 984 R	x	x	Side, Drawbar, R.H.
9	F 987 R	x	x	Support, Drawbar, R.H. Rear
10	8H 2248 R	x	x	Bolt, Machine, 3/4" x 2-1/2" (4 used)
	.....	x	x	Washer, Lock, 3/4" (4 used) (Order AA3407R, Box of 25)
	14H 267 R	x	x	Nut, 3/4" (4 used)

NOTE: Only one part used in this grouping unless otherwise indicated.

BRAKES



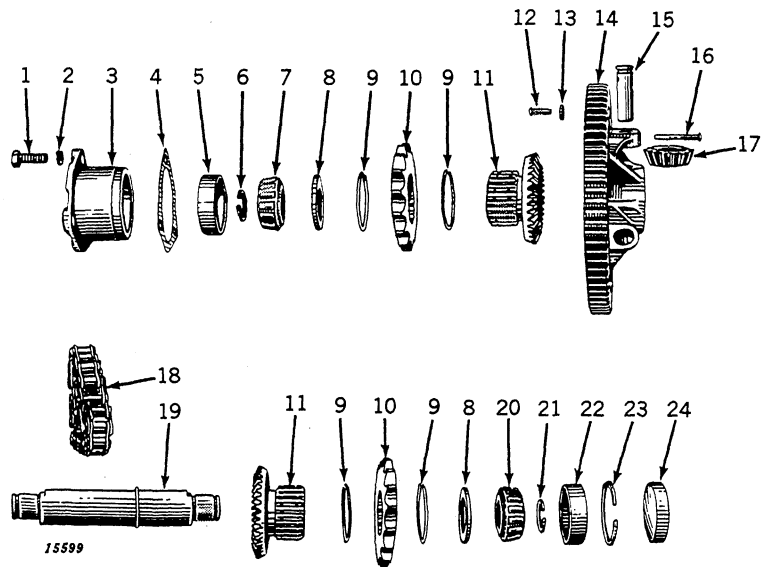
Key	Part No.	— Used on —		Description
		"AH"	"GH"	
1	(AF 1150 R	x	x	Guard, Brake Drum, R.H.
	AF 1151 R	x	x	Guard, Brake Drum, L.H.
2	16H 677 A	x	x	Rivet (2 used)
3	AB 330 R	x	x	Support, Brake Latch, with Pivot
4	13H 193 R	x	x	Bolt, Stove, with Nut, 1/4" x 5/8" (4 used)
	.....	x	x	Washer, Lock, 1/4" (4 used) (Order AA3400R, Box of 50)
	14H 251 R	x	x	Nut, 1/4" (4 used)
5	19H 105 R	x	x	Screw, Cap, 5/16" x 3/4" (2 used)
	.....	x	x	Washer, Lock, 5/16" (2 used) (Order AA3401R, Box of 50)
6	F 155 R	x	x	Nut, Grip
7	D 136 R	x	x	Washer
8	(AF 291 R	x	x	Drum, Brake, with Hub
	F 154 R	x	x	Guard, Dust (Not Sold)
9	.....	x	x	Pin, Cotter, 1/8" x 5/8" (2 used) (Order AA3410R, Box of 100)
10	A 2299 R	x	x	Washer (4 used)
11	AA 2124 R	x	x	Pin, Shoe Roller, with Washers and Rollers (2 used) (Sub. AA4837R)

BRAKES—Continued

Key	Part No.	— Used on —		Description
		"AH"	"GH"	
12	A 321 R	x	x	Cam, Brake
13	A 348 R	x	x	Spring (2 used)
14	A 149 R	x	x	Roller, Shoe (4 used)
15	24H 77 R	x	x	Washer, Thrust (2 used)
16	24H 481 R	x	x	Washer
17	B 2149 R	x	x	Latch, Brake
18	.....	x	x	Pin, Cotter, 1/8" x 1" (Order AA3412R, Box of 100)
19	AA 314 R	x	x	Shoe, Brake, with Lining (2 used)
20	A 134 R	x	x	Pin, Adjusting (2 used)
21	AA 4253 R	x	x	Lining (Set of Four A441R Lining, with Rivets)
22	.....	x	x	Rivet (16 used) (Order AD1773R, Box of 100)
23	A 151 R	x	x	Screw, Adjusting
24	A 510 R	x	x	Guard, Dust
25	A 152 R	x	x	Shaft, Brake Lever
26	R 495 R	x	x	Packing, "O" Ring
27	F 978 R	x	x	Carrier, Brake Shoe
28	24H 56 R	x	x	Washer, Brake Lever Shaft (2 used)
29	F 979 R	x	x	Pedal, R.H.
	F 980 R	x	x	Pedal, L.H.
30	14H 264 R	x	x	Nut, Brake Lever Shaft
31	19H 457 R	x	x	Screw, Cap, 1/2" x 1-1/2" (3 used R.H. Side)
	19H 457 R	x	.....	Screw, Cap, 1/2" x 1-1/2" (2 used L.H. Side)
	D 488 R	x	.....	Stud, 1/2" x 2" (L.H. Side only)
	14H 292 R	x	.....	Nut, 1/2", on D488R Stud (L.H. Side only)
	19H 457 R	.....	x	Screw, Cap, 1/2" x 1-1/2" (6 used)
	.....	x	x	Washer, Lock, 1/2" (6 used) (Order AA3404R, Box of 25)
32	A 4151 R	x	.....	Cover, Brake Opening
	F 972 R	.....	x	Cover, Brake Opening
33	A 3789 R	x	.....	Gasket, Brake Opening Cover
	F 157 R	.....	x	Gasket, Brake Opening Cover
34	F 981 R	x	x	Screw, Cap, 7/16" x 1-5/8" (6 used)
	.....	x	x	Washer, Lock, 7/16" (6 used) (Order AA3403R, Box of 50)
	14H 764 R	x	x	Nut, 7/16" (6 used)
35	A 1163 R	x	x	Bushing, Brake Shaft, Outer
36	15H 253 R	x	x	Plug, Pipe, 1/8" (2 used)
37	D 488 R	x	x	Stud, 1/2" x 2" (6 used) (Sub. 19H456R Cap Screw)
	.....	x	x	Washer, Lock, 1/2" (6 used) (Order AA3404R, Box of 50)
	14H 262 R	x	x	Nut, 1/2" (6 used)
38	F 973 R	x	x	Sub. AF1145R
	AF 1145 R	x	x	Housing, Brake Shaft
39	F 152 R	x	x	Bushing, Brake Shaft, Inner
40	F 974 R	x	x	Gasket
41	AF 1146 R	x	x	Shaft, Brake, with Nut
42	F 976 R	x	x	Sprocket, Chain
43	F 977 R	x	x	Snap Ring
(Parts shown below are not illustrated.)				
	19H 442 R	x	x	Screw, Cap, 1/2" x 1", Platform to Drive Shaft Housing (2 used)
	A 4152 R	x	.....	Spacer, Platform (2 used)
	AA 4809 R	x	.....	Platform
	AF 1021 R	.....	x	Platform
	B 2571 R	x	x	Clip, Battery Cable and Rear Lamp Wire to Platform (2 used)
	B 2573 R	x	x	Washer, Lock, Platform to Drive Shaft Housing Screws (2 used)

NOTE: Only one part used in this grouping unless otherwise indicated.

DIFFERENTIAL

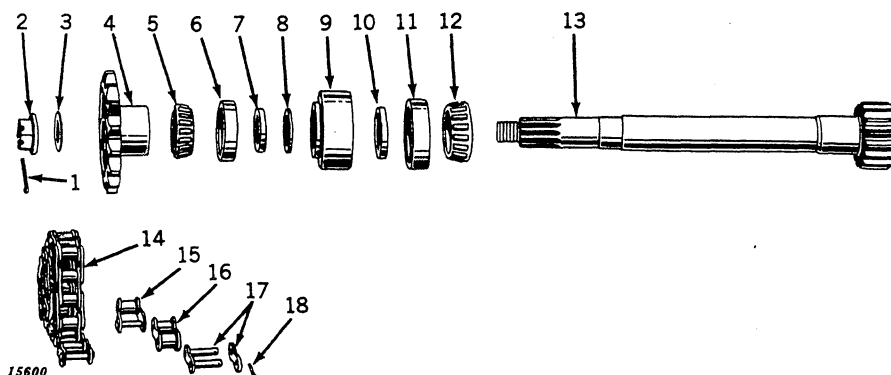


DIFFERENTIAL—Continued

Key	Part No.	— Used on —		Description
		"AH"	"GH"	
1	19H 457 R	x	.....	Screw, Cap, 1/2" x 1-1/2" (3 used)
	19H 670 R	.....	x	Screw, Cap, 5/8" x 1-3/4" (3 used)
2	.....	x	.....	Washer, Lock, 1/2" (3 used) (Order AA3404R, Box of 50)
	.....	.....	x	Washer, Lock, 5/8" (3 used) (Order AA3406R, Box of 25)
				
3	A 3262 R	x	.....	Quill, Bearing
	F 168 R	.....	x	Quill, Bearing
4	A 406 R	x	.....	Gasket (Thin)
	A 612 R	x	.....	Gasket (Thick)
	A 610 R	x	.....	Shim, Steel (Thick)
	A 611 R	x	.....	Shim, Steel (Thin)
	F 170 R	.....	x	Shim, Steel (Thick)
	F 171 R	.....	x	Shim, Steel (Thin)
	F 172 R	.....	x	Gasket (Thick)
	F 173 R	.....	x	Gasket (Thin)
5	JD 7444 R	x	.....	Cup, L.H.
	JD 7288 R	.....	x	Cup, L.H.
6	A 2595 R	x	.....	Snap Ring
7	JD 8126 R	x	.....	Cone, with Rollers, L.H.
	JD 7391 R	.....	x	Cone, with Rollers, L.H.
8	A 3733 R	x	.....	Washer, Thrust (2 used)
	F 166 R	.....	x	Washer, Thrust (2 used)
9	R 250 R	x	x	Snap Ring (4 used)
10	F 970 R	x	x	Sprocket (2 used)
11	A 4150 R	x	.....	Gear, Differential Bevel (2 used)
	F 971 R	.....	x	Gear, Differential Bevel (2 used)
12	16H 1152 A	x	x	Rivet, 5/16" x 1-7/8" (3 used)
13	A 127 R	x	x	Washer, Retaining (6 used)
14	A 3728 R	x	.....	Sub. AA4388R
	AA 4338 R	x	.....	Spider, Differential, with Gear
15	F 159 R	.....	x	Sub. AF300R
	AF 300 R	.....	x	Spider, Differential, with Gear
	A 2307 R	x	.....	Shaft, Bevel Pinion (3 used)
16	F 163 R	.....	x	Shaft, Bevel Pinion (3 used)
	16H 1178 A	x	.....	Rivet, 5/16" x 2-1/2" (3 used)
	16H 1727 R	.....	x	Rivet, 3/8" x 2-11/16" (3 used)
17	A 3732 R	x	.....	Pinion, Bevel (3 used)
	F 735 R	.....	x	Pinion, Bevel (3 used)
18	AA 4812 R	x	.....	Chain, Roller Link (2 used)
	AF 1161 R	.....	x	Chain, Roller Link (2 used) (Sub. One AA4812R and One C1472R)
19	A 3730 R	x	.....	Shaft, Differential
	F 161 R	.....	x	Shaft, Differential
20	JD 8113 R	x	.....	Cone, with Rollers, R.H.
	JD 7391 R	.....	x	Cone, with Rollers, R.H.
21	A 2595 R	x	.....	Snap Ring
22	JD 7430 R	x	.....	Cup, R.H.
	JD 7288 R	.....	x	Cup, R.H.
23	A 363 R	x	.....	Snap Ring
	F 169 R	.....	x	Snap Ring
24	A 263 R	x	.....	Cover, Bearing
	F 167 R	.....	x	Cover, Bearing

NOTE: Only one part used in this grouping unless otherwise indicated.

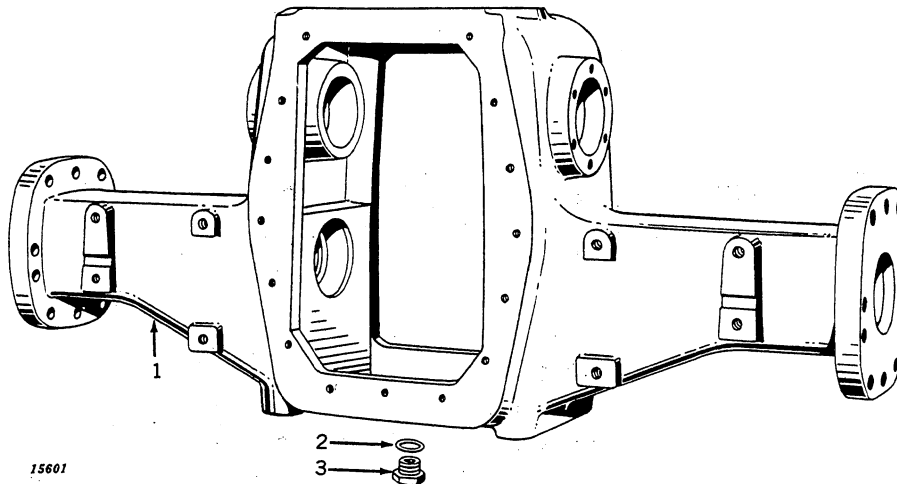
DRIVE SHAFT AND ASSOCIATED PARTS



Key	Part No.	— Used on —		Description
		"AH"	"GH"	
1	.....	x	x	Pin, Cotter, 3/16" x 2" (Order AA3419R, Box of 100)
2	B 350 R	x	x	Nut
3	F 993 R	.....	x	Washer
4	(AA 4811 R	x	.....	Sprocket, Drive Shaft, with Hub
	(AF 1157 R	.....	x	Sprocket, Drive Shaft, with Hub
5	JD 8149 R	x	x	Cone, with Rollers, Inner
6	JD 7444 R	x	x	Cup, Inner
7	F 992 R	x	x	Washer
8	AF 1155 R	x	x	Seal, Oil, Inner
9	F 991 R	x	x	Adapter, Drive Shaft Outer Oil Seal and Bearing
10	AF 1156 R	x	x	Seal, Oil, Outer
11	JD 7446 R	x	x	Cup, Outer
12	JD 8130 R	x	x	Cone, with Rollers, Outer
13	AF 1154 R	x	x	Shaft, Drive, with Pinion and Nut
14	(AA 4812 R	x	.....	Chain, Roller Drive
	(AF 1161 R	.....	x	Chain, Roller Drive (Sub. One AA4812R and One C1472R)
15	C 1472 R	.....	x	Link, Offset
16	C 1471 R	.....	x	Link, Roller
17	C 1107 R	x	x	Link, Connector
18	.....	x	x	Pin, Cotter, 1/8" x 3/4" (2 used) (Order AA3411R, Box of 100)

NOTE: Only one part used in this grouping unless otherwise indicated.

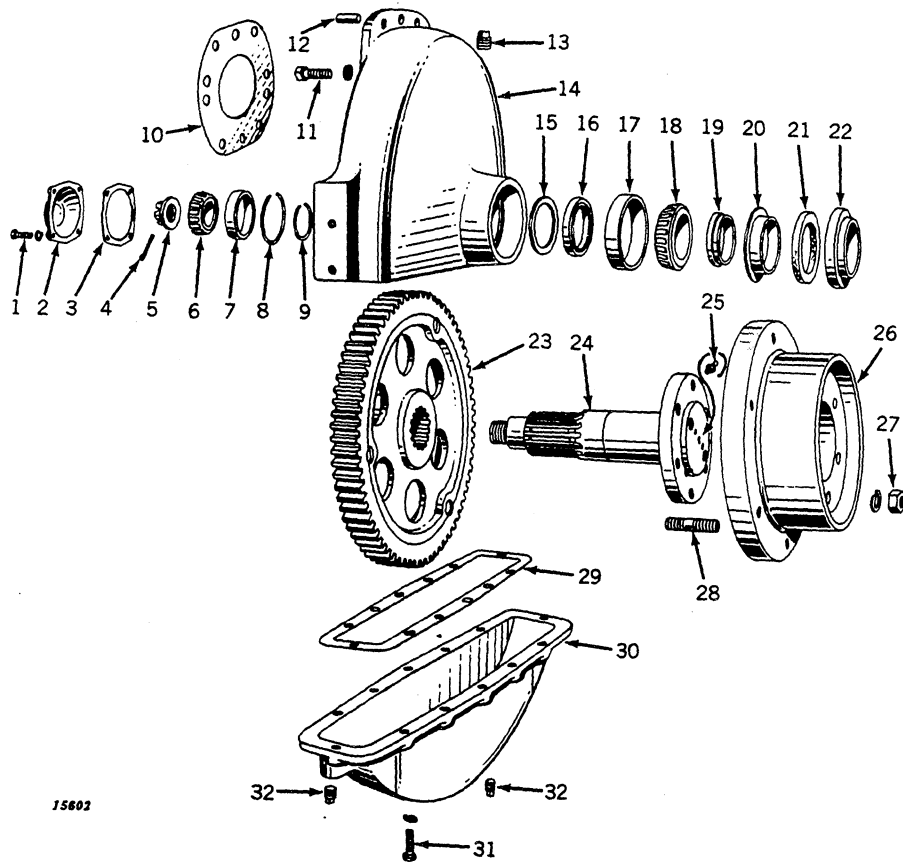
DRIVE SHAFT HOUSING



Key	Part No.	— Used on —		Description
		"AH"	"GH"	
1	A 4153 R	x	.....	Sub. AA4852R
	AA 4852 R	x	.....	Housing, Drive Shaft, with Oil Seals, Bearing Cups, Washers, Dowel Pins, and Studs (On 665000-673527 also furnish Twelve 19H456R Cap Screws)
	F 989 R	.....	x	Sub. AF1188R
	AF 1188 R	.....	x	Housing, Drive Shaft, with Oil Seals, Bearing Cups, Washers, Dowel Pins, and Studs (On G46800-49829 also furnish Twelve 19H456R Cap Screws)
2	A 3750 R	x	x	Plug in Removal Hole (4 used)
2	A 3137 R	x	x	Washer, Drive Shaft Housing Drain Plug
3	A 1441 R	x	x	Plug, Drive Shaft Housing Drain

NOTE: Only one part used in this grouping unless otherwise indicated.

FINAL DRIVE HOUSING



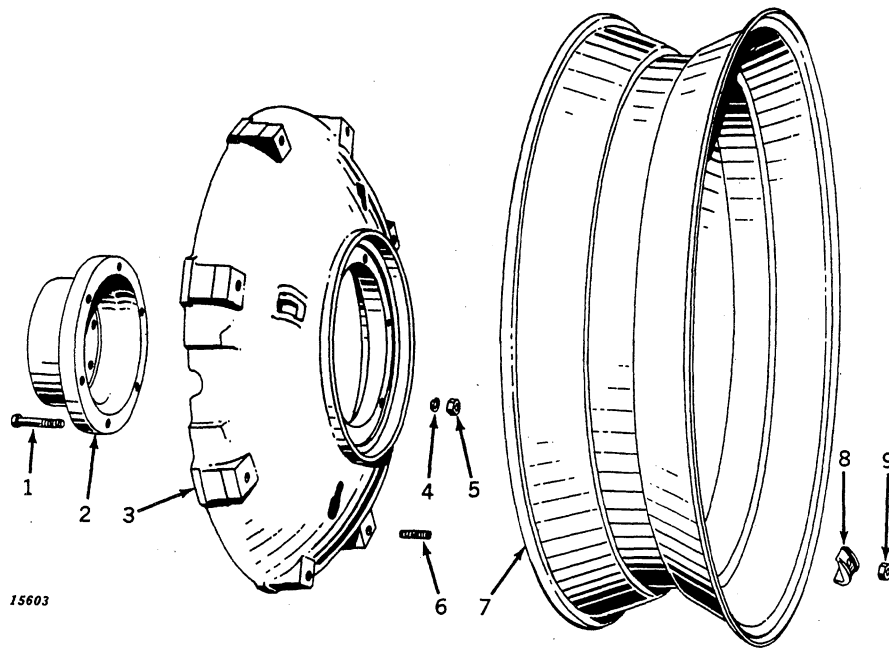
15602

FINAL DRIVE HOUSING—Continued

Key	Part No.	— Used on —		Description
		"AH"	"GH"	
1	(19H 221 R	x	x	Screw, Cap, 3/8" x 1" (4 used)
	.....	x	x	Washer, Lock, 3/8" (4 used) (Order AA3402R, Box of 50)
2	F 997 R	x	x	Cover, Rear Axle Bearing
3	F 998 R	x	x	Gasket, Rear Axle Bearing Cover
4	.....	x	x	Pin, Cotter, 3/16" x 2" (Order AA3419R, Box of 50)
5	B 350 R	x	x	Nut
6	JD 8149 R	x	x	Cone, with Rollers
7	JD 7444 R	x	x	Cup
8	R 81 R	x	x	Snap Ring
9	B 2342 R	x	x	Snap Ring
10	F 1001 R	x	x	Gasket
11	(19H 792 R	x	x	Screw, Cap, 3/4" x 2-1/2" (6 used)
	.....	x	x	Washer, Lock, 3/4" (6 used) (Order AA3407R, Box of 25)
12	A 776 R	x	x	Pin, Dowel (2 used)
13	15H 239 R	x	x	Plug, Oil Filler
14	(F 994 R	x	x	Sub. AF1189R
	AF 1189 R	x	x	Housing, Final Drive Gear
15	F 228 R	x	x	Washer, Oil Seal
16	AF 342 R	x	x	Seal, Oil
17	JD 7434 R	x	x	Cup, Bearing
18	JD 8112 R	x	x	Cone, with Rollers
19	F 785 R	x	x	Spacer, Rear Axle Bearing
20	F 787 R	x	x	Retainer, Rear Axle Felt, Inner
21	AD 1275 R	x	x	Washer, Rear Axle Felt
22	F 786 R	x	x	Retainer, Rear Axle Felt, Outer
23	F 996 R	x	x	Gear, Final Drive
24	AF 1160 R	x	x	Shaft, Rear Axle, with Nut
25	JD 7759	x	x	Fitting, Grease
26	F 1004 R	x	x	Hub, Rear Wheel
27	(14H 270 R	x	x	Nut, 7/8" (6 used)
	(12H 19 R	x	x	Washer, Lock, 7/8" (6 used) (Order AA3407R, Stud (6 used)
28	A 2833 R	x	x	Gasket, Final Drive Gear Housing Cover
29	F 1000 R	x	x	Cover, Final Drive Gear Housing
30	F 999 R	x	x	Screw, Cap, 7/16" x 1-1/2" (6 used)
31	(19H 340 R	x	x	Washer, Lock, 7/16" (6 used) (Order AA3403R, Box of 50)
	.....	x	x	
32	(15H 255 R	x	x	Plug, Final Drive Housing Drain
	(15H 255 R	x	x	Plug, Final Drive Housing Oil Level

NOTE: Only one part used in this grouping unless otherwise indicated.

REAR WHEELS



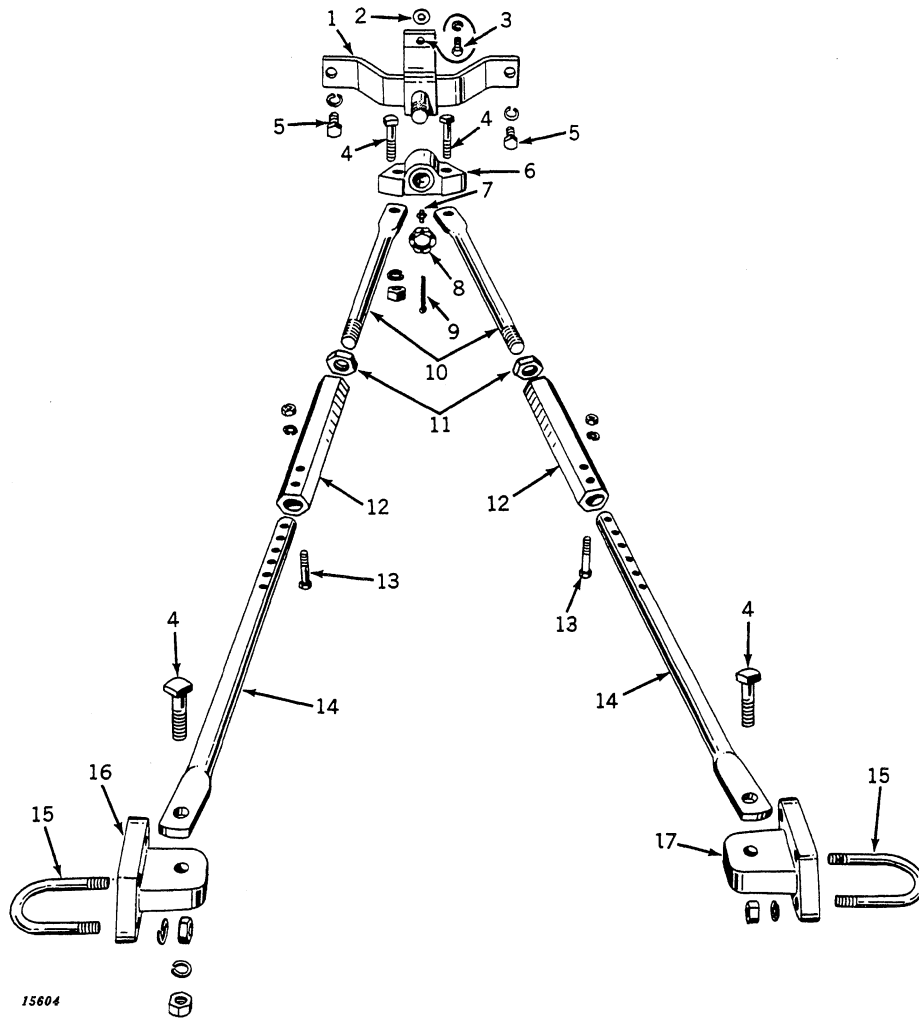
15603

REAR WHEELS—Continued

Key	Part No.	— Used on —		Description
		"AH"	"GH"	
1	B 568 R	x	x	Screw, Cap (6 used)
2	F 1004 R	x	x	Hub, Drive Wheel
3	F 1003 R	x	x	Wheel, Cast Disk Drive
4	.....	x	x	Washer, Lock, 5/8" (6 used) (Order AA3406R, Box of 25)
5	14H 264 R	x	x	Nut, 5/8" (6 used)
6	C 1479 R	x	x	Stud, 5/8" x 2-1/4" (8 used)
7	AA 3043 R	x	x	Rim, Demountable
8	B 634 R	x	x	Clamp, Rim (8 used)
9	14H 752 R	x	x	Nut, 5/8" (8 used)

NOTE: Only one part used in this grouping unless otherwise indicated.

**RADIUS ROD (SPECIAL EQUIPMENT)
FOR MODEL "GH" TRACTOR**

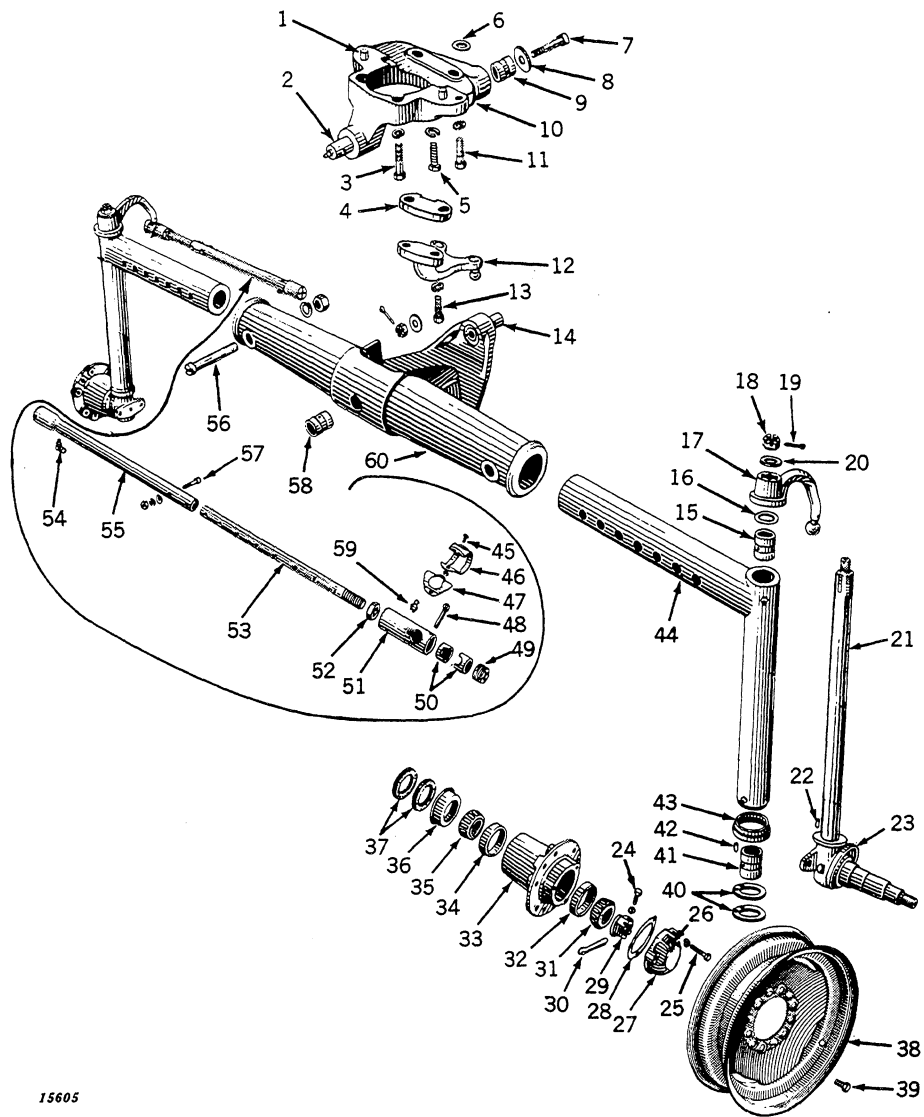


**RADIUS ROD (SPECIAL EQUIPMENT)
FOR MODEL "GH" TRACTOR—Continued**

Key	Part No.	Description
1	AF 1177 R	Bracket, Radius Rod Pivot Assembly
2	D 2865 R	Washer, Spacing
3	(7H 771 R	Bolt, 1/2" x 1-3/4"
		Washer, Lock, 1/2" (Order AA3404R, Box of 50)
	(14H 259 R	Nut, 1/2"
4	(8H 1388 R	Bolt, Machine, 3/4" x 3" (4 used)
		Washer, Lock, 3/4" (4 used) (Order AA3407R, Box of 25)
	(14H 267 R	Nut, 3/4" (4 used)
5	(19H 800 R	Screw, Cap, 3/4" x 2-3/4" (2 used)
		Washer, Lock, 3/4" (2 used) (Order AA3407R, Box of 25)
6	F 1012 R	Pivot, Radius Rod
7	JD 7759	Fitting, Grease
8	F 562 R	Nut, 1-1/4"
9		Pin, Cotter, 3/16" x 2" (Order AA3419R, Box of 50)
10	F 1006 R	Rod, Radius, Rear (2 used)
11	F 562 R	Nut, 1-1/4" (2 used)
12	F 1007 R	Coupling (2 used)
13	(F 1008 R	Bolt, Radius Rod Taper (4 used)
		Washer, Lock, 7/16" (4 used) (Order AA3403R, Box of 50)
	(14H 257 R	Nut, 7/16" (4 used)
14	F 1005 R	Rod, Radius, Front (2 used)
15	(F 1011 R	Bolt, "U," Radius Rod Bracket (4 used)
		Washer, Lock, 5/8" (8 used) (Order AA3406R, Box of 25)
	(14H 399 R	Nut, 5/8" (8 used)
16	F 1009 R	Bracket, Radius Rod, R.H.
17	F 1010 R	Bracket, Radius Rod, L.H.

NOTE: Only one part used in this grouping unless otherwise indicated.

FRONT END



15605

FRONT END—Continued

Key	Part No.	— Used on —		Description
		"AH"	"GH"	
1	A 776 R	x	x	Pin, Dowel (2 used)
2	B 2688 R	x	x	Pin, Front Pivot
3	19H 984 R	x	.....	Screw, Cap, 3/4" x 3-1/4" (2 used)
	19H 810 R	.....	x	Screw, Cap, 3/4" x 3-1/2" (2 used)
	.....	x	x	Washer, Lock, 3/4" (2 used) (Order AA3407R, Box of 25)
4	F 1017 R	.....	x	Spacer, Steering Center Arm
5	19H 792 R	x	.....	Screw, Cap, 3/4" x 2-1/2" (2 used)
	19H 774 R	.....	x	Screw, Cap, 3/4" x 2" (2 used)
	.....	x	x	Washer, Lock, 3/4" (2 used) (Order AA3407R, Box of 25)
6	24H 502 R	x	.....	Washer (6 used)
	24H 52 R	x	x	Washer (8 used)
7	B 2697 R	x	x	Screw, Cap, 3/4" x 5-1/2" (Drilled)
	D 139 R	x	x	Washer
	14H 404 R	x	x	Nut, 3/4"
	.....	x	x	Pin, Cotter, 1/8" x 1-1/4" (Order AA3413R, Box of 100)
8	D 141 R	x	x	Washer
9	A 877 R	x	x	Bushing
10	A 4154 R	x	.....	Sub. AA4818R
	AA 4818 R	x	.....	Bracket, Front Axle Pivot, with Pins and Bushing
	F 1016 R	.....	x	Sub. AF1180R
	AF 1180 R	.....	x	Bracket, Front Axle Pivot, with Pins and Bushing
11	19H 984 R	x	.....	Screw, Cap, 3/4" x 3-1/4" (2 used)
	19H 810 R	.....	x	Screw, Cap, 3/4" x 3-1/2" (2 used)
	19H 792 R	x	x	Screw, Cap, 3/4" x 2-1/2" (2 used)
	.....	x	x	Washer, Lock, 3/4" (2 used) (Order AA3407R, Box of 25)
12	AB 3633 R	x	x	Arm, Steering, Center
13	8H 1385 R	x	.....	Bolt, Machine, with Nut (2 used)
	14H 404 R	x	.....	Nut, 3/4" (2 used)
	19H 774 R	.....	x	Screw, Cap, 3/4" x 2" (2 used)
14	B 2700 R	x	x	Washer, Lock, 3/4" (Order AA3407R, Box of 25)
	.....	x	x	Pin, Pivot, Rear
15	A 877 R	x	x	Bushing
16	D 467 R	x	x	Washer, Shim
17	B 1204 R	x	x	Arm, Steering, L.H.
	B 1236 R	x	x	Arm, Steering, R.H.
18	14H 404 R	x	x	Nut (2 used)
19	.....	x	x	Pin, Cotter, 1/8" x 1-1/4" (Order AA3413R, Box of 100)
20	B 111 R	x	x	Washer (2 used)
21	AF 1190 R	x	x	Knuckle, Front Wheel, with Spindle, Dust Excluder and Nut (2 used)
22	D 186 R	x	x	Pin, Dowel (4 used)
23	A 1424 R	x	x	Excluder, Dust (2 used)
24	19H 221 R	x	x	Screw, Cap, 3/8" x 1-1/4" (2 used)
	.....	x	x	Washer, Lock, 3/8" (2 used) (Order AA3402R, Box of 50)
25	19H 124 R	x	x	Screw, Cap, 5/16" x 1-1/4" (Special) (6 used)
	.....	x	x	Washer, Lock, 5/16" (6 used) (Order AA3401R, Box of 50)
26	JD 7759	x	x	Fitting, Grease (2 used)
27	AA 1407 R	x	x	Cap, Hub (2 used)
28	A 1556 R	x	x	Gasket (2 used)
29	AD 452 R	x	x	Nut, Complete (2 used)
30	.....	x	x	Pin, Cotter, 1/8" x 1-1/2" (2 used) (Order AA3414R, Box of 50)
31	JD 7216 R	x	x	Cone, with Rollers (2 used)
32	JD 7266 R	x	x	Cup, Bearing (2 used)
33	A 3004 R	x	x	Sub. AA4721R
	AA 4721 R	x	x	Hub, with Cups (2 used)
34	JD 7270 R	x	x	Cup (2 used)

NOTE: Only one part used in this grouping unless otherwise indicated.

FRONT END—Continued

Key	Part No.	— Used on —		Description
		"AH"	"GH"	
35	JD 7224 R	x	x	Cone, with Rollers (2 used)
36	D 635 R	x	x	Retainer, Felt (2 used)
37	AA 663 R	x	x	Washer, Felt (2 used)
38	JD 1281 R	x	x	Wheel, Disk and Rim, Less Hub
39	JD 19 R	x	x	Bolt (12 used)
40	A 890 R	x	x	Washer, Thrust (4 used)
41	A 877 R	x	x	Bushing
42	D 186 R	x	x	Pin, Dowel (4 used)
43	B 2693 R	x	x	Shield, Dust (2 used)
44	AF 1183 R	x	x	Knee, Front Axle, with Bushings and Dust Shield (2 used)
45	13H 93 R	x	x	Bolt, Stove, with Nut (2 used)
46	(AC 352 R	x	x	Cover, Drag Link, Complete (2 used)
	(C 1400 R	x	x	Cover, Outer (Sub. AC352R)
47	C 1401 R	x	x	Cover, Inner (Sub. AC352R)
48	.....	x	x	Pin, Cotter, 1/8" x 2" (4 used) (Order AA3415R, Box of 50)
49	C 840 R	x	x	Plug, Screw (4 used)
50	C 838 R	x	x	Bearing, Ball Stud (8 used)
51	H 982 R	x	x	End, Drag Link (2 used)
52	C 985 C	x	x	Nut, Jam (2 used)
53	F 1022 R	x	x	Rod, Drag Link (2 used)
54	JD 7760	x	x	Fitting, Grease (2 used)
55	AF 1187 R	x	x	Sleeve, Drag Link (2 used)
56	B 2694 R	x	x	Bolt, Lock (2 used)
	12H 21 R	x	x	Washer, Lock, 1" (2 used)
	14H 272 R	x	x	Nut, 1" (2 used)
57	19H 134 R	x	x	Screw, Cap (4 used)
	24H 143 R	x	x	Washer, Plain (4 used)
	.....	x	x	Washer, Lock, 5/16" (4 used) (Order AA3401R Box of 50)
	14H 253 R	x	x	Nut, 5/16" (4 used)
58	A 877 R	x	x	Bushing
59	JD 7759	x	x	Fitting, Grease
60	(F 1018 R	x	x	Sub. AF1182R
	(AF 1182 R	x	x	Housing, Front Axle, with Pin and Bushing

NOTE: Only one part used in this grouping unless otherwise indicated.

NOTES

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



nobody can fill them like you can!

That's what the owner of this pair of work shoes is finding out—the hard way. Through a careless action, he has become the victim of an accident. It's a mighty tough way to find out that nobody else can wear your shoes or practice safety for you. And a needless, costly lesson to learn that safety is an everyday need.

Put safety into each of your workdays; read the operator's manual thoroughly; know how to operate each machine properly and safely; take the safety precautions specified; think before you act.

Make sure you wear your "shoes" everyday. Outfit yourself with a safety program now.

As a member of the National Safety Council, we are privileged to use the Green Cross for Safety to designate not only our interest in Safety, but to emphasize and call attention to the safety precautions in this manual.



