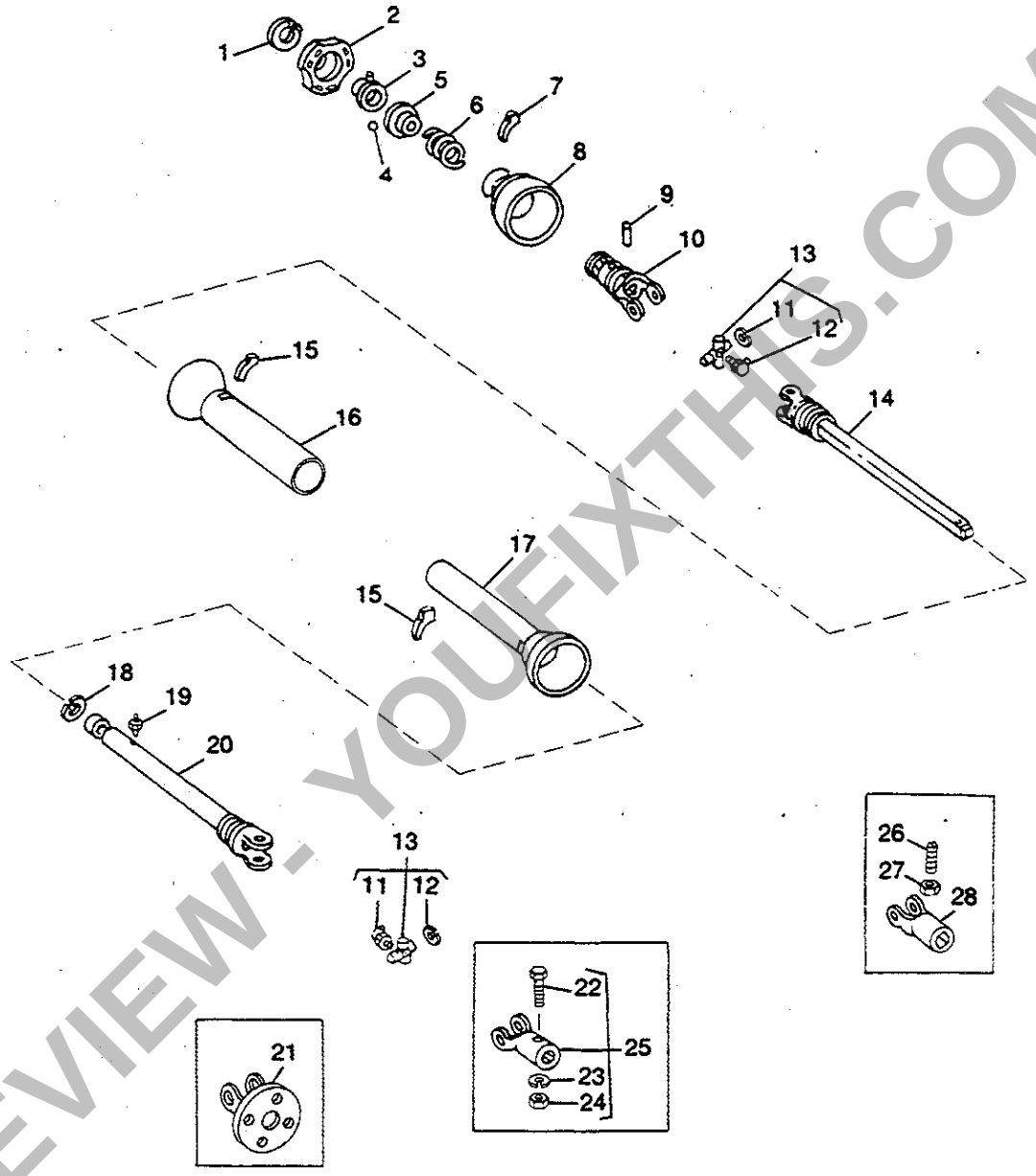
## POWR-GARD TELESCOPING DRIVELINE—EXPLODED VIEW




1—Snap Ring
2—Push Button Collar
3—Latch
4—Ball
5—Retainer
6—Spring
7—Shield Bearing
8—Shield, Powr-Gard
9—Spring Pin
10—Yoke
11—Snap Ring
12—Lubrication Fitting
13—Cross and Bearing
14—Yoke, with Shaft
15—Shield Bearing
16—Shield, Outer
17—Shield, Inner
18—Snap Ring
19—Lubrication Fitting
20—Yoke, with Tube
21—Yoke, with Flange
22—Cap Screw
23—Lock Washer
24—Nut
25—Yoke, Clamp Type
26—Set Screw
27—Nut
28—Yoke, Set Screw Type

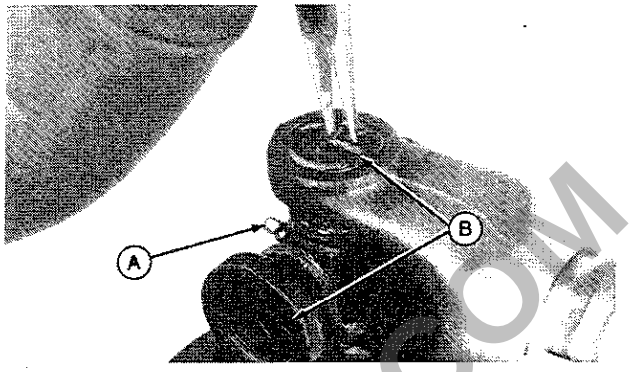
6EA;W13546 W11;;2010 -A 180387



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## DISASSEMBLE UNIVERSAL JOINT

1. Note position of grease fitting (A) so it can be properly positioned during reassembly. Support yoke and shaft assembly in vise. Remove snap rings (B). If snap rings stick, loosen by tapping with a rubber hammer.




0FA;E18525 W02;;2015 -BE 161286

2. Position joint in an open vise with each ear of one yoke supported by a vise jaw.

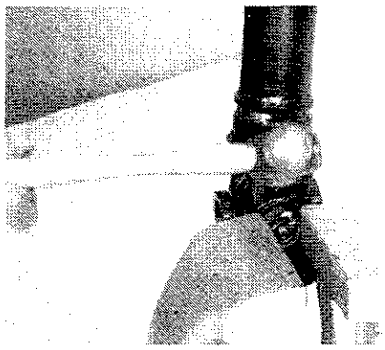
3. With a soft hammer or mallet, strike the top ear of the unsupported yoke. This will drive the top bearing outward approximately (9.5 mm) 3/8-in.



0FA;E19272 W02;;2015 -BF 160487

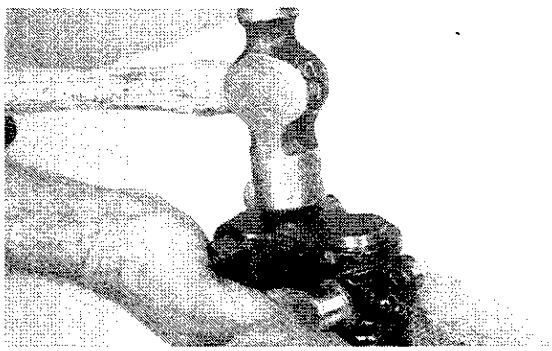
4. Clamp loosened bearing in vise and drive yoke off.

5. Repeat this procedure for removing bearing directly opposite the one just removed, after which the yoke itself may be removed.



0FA;E19273 W02;;2015 -BG 161286

6. To remove remaining two bearings, support cross as shown making certain that vise jaws are covered with brass protectors. By striking yoke ear, the remaining bearings can be removed by repeating procedure in step 3.



5EA;E19274 W02;;2015 -BH 150487

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## SAFETY AND YOU

This is the safety-alert symbol. When you see this symbol on the machine or in this manual, be alert to the potential for personal injury.



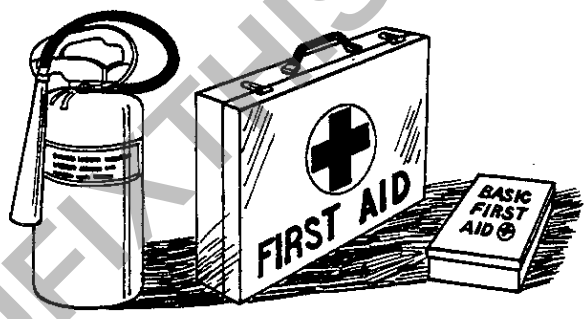
AB6;T81389 053;TMSAFE 071085

## PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguishers handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.




AB6;TS186 053;FIRE2 080785

## STAY CLEAR OF PTO

Entanglement in rotating driveline can cause serious injury or death.

Keep tractor master shield and driveline shields in place at all times except for special applications as directed in the implement operator's manual.

Wear fairly tight fitting clothing. Stop the engine and be sure PTO driveline is stopped before making adjustments, connections, or cleaning out PTO driven equipment.



AB6;TS198 053;PTO 280186

## WEAR PROTECTIVE CLOTHING

Wear fairly tight clothing. . . . . and safety equipment.



AB6;TS184 053;WEAR2 080785

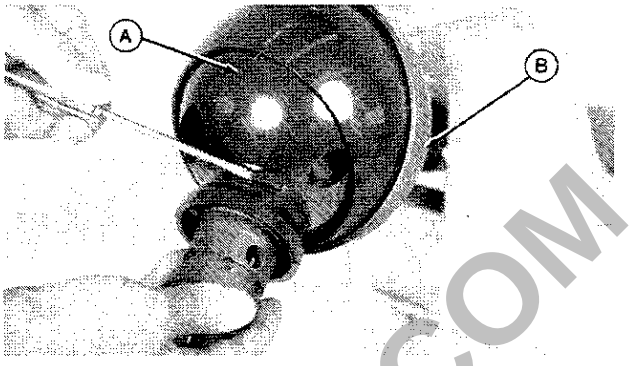


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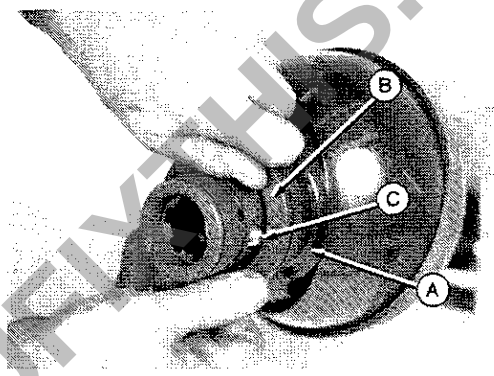
## ASSEMBLE POWR-GARD SHIELD

1. Install closure shield assembly (A) and shield bearings.



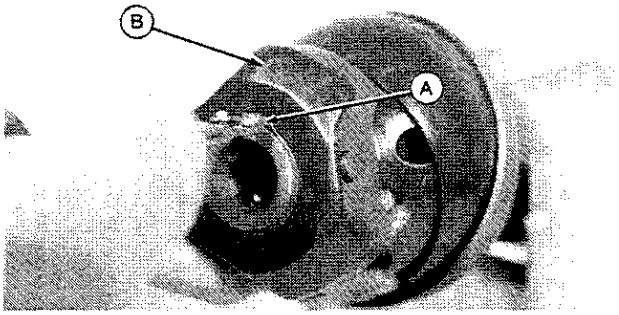

0FA;E18300 W11;;2015 -B 050387

2. Install spring (A), retainer collar (B), and steel balls (C) on yoke.




0FA;E18301 W02;;2015 -BM 161286

3. Slide push button collar assembly (B) on yoke and secure with snap ring (A).




0FA;E18302 W02;;2015 -BM 161286

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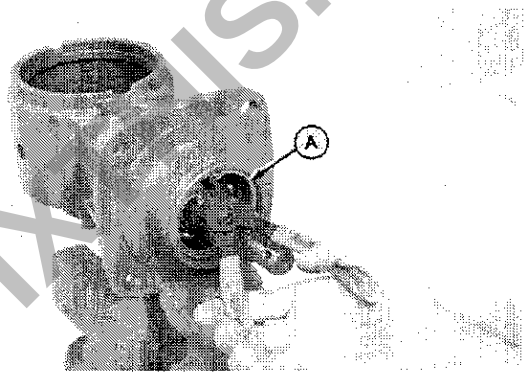
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11. Puncture seal (A) with a screwdriver and pry it out. Seal cannot be reused.



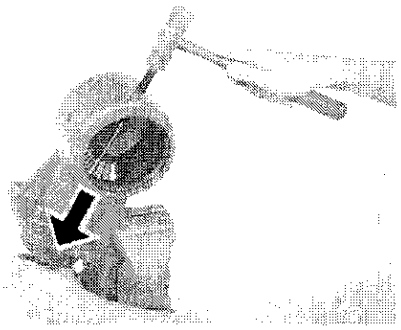

6EA;W12818 W11;;4005 -0 170287

12. Remove snap ring (A).



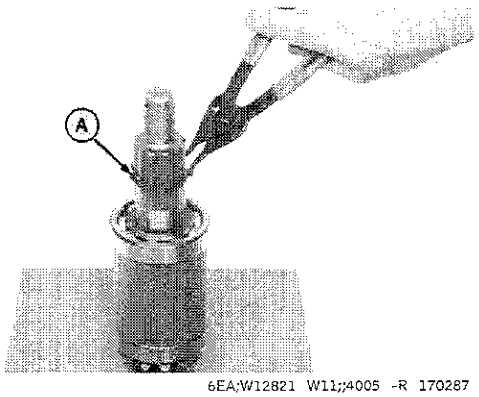

6EA;W12819 W11;;4005 -P 170287

13. Remove blade holder shaft and gear by driving down through oil fill hole with a punch.



6EA;W12820 W11;;4005 -Q 170287

14. Remove snap ring (A).




6EA;W12821 W11;;4005 -R 170287

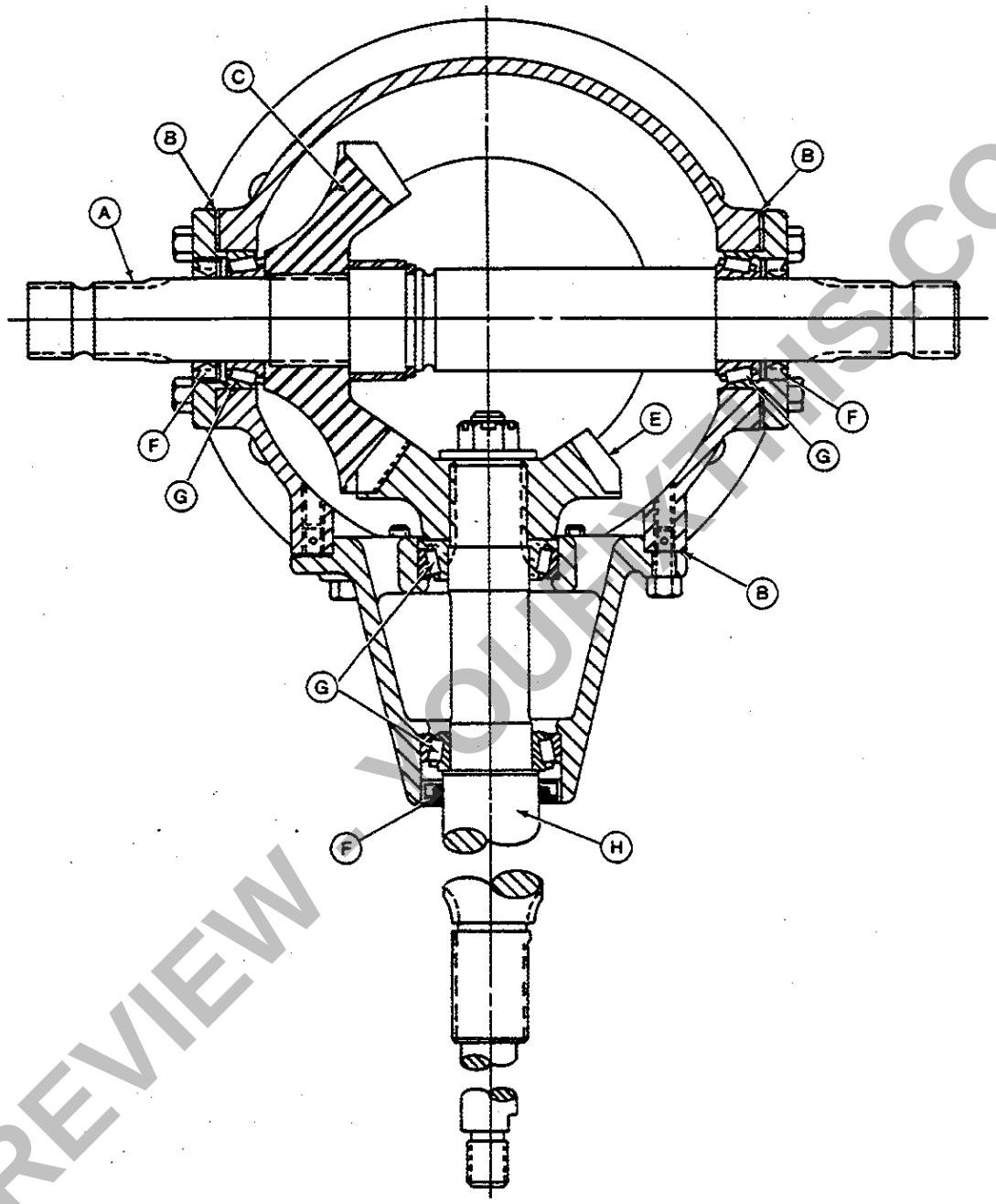


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## CROSS SECTION TOP VIEW-1408/1418 CENTER GEAR CASE



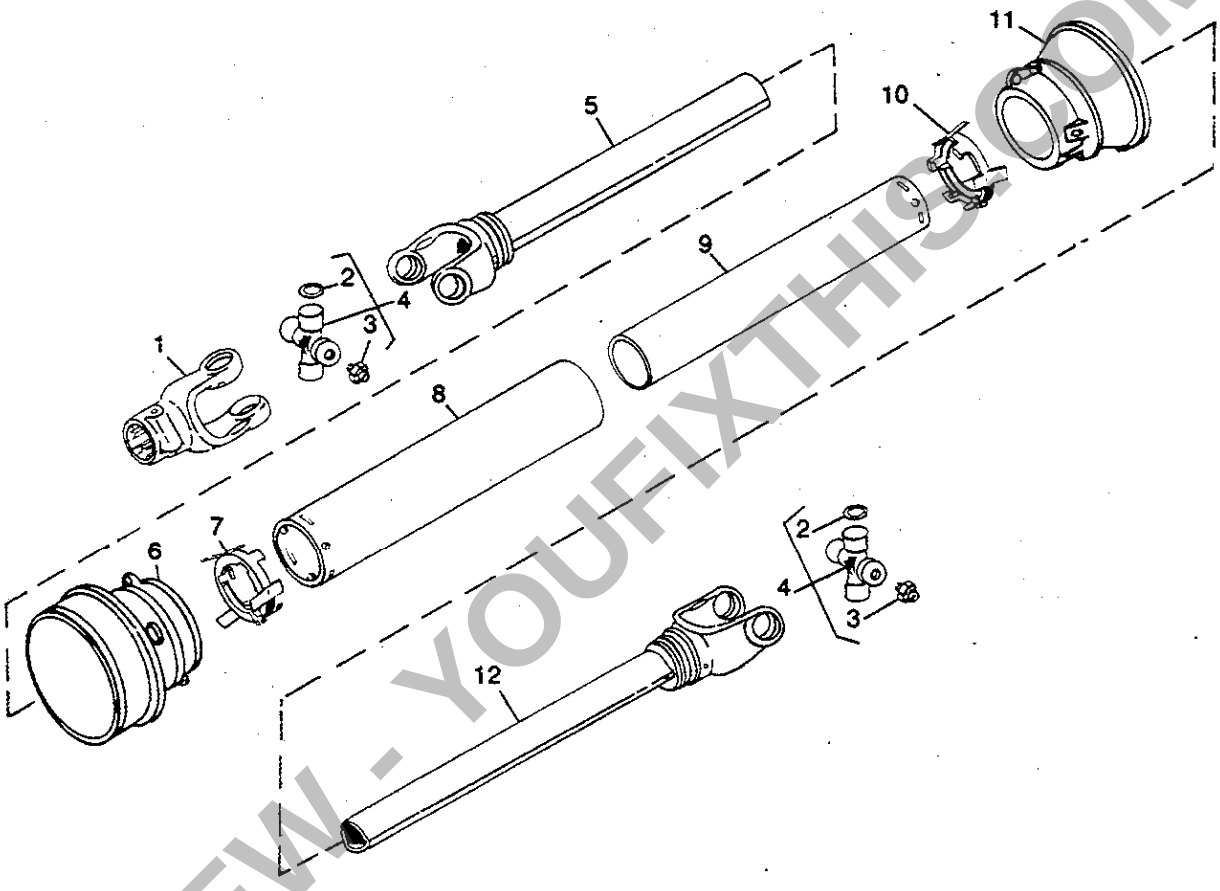

A—Output Shaft
B—Shims
C—29-Tooth Gear
D—21-Tooth Gear
E—21-Tooth Gear
F—Seal
G—Bearing
H—Input Shaft

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## BONDIOLI TELESCOPING DRIVELINE—EXPLODED VIEW



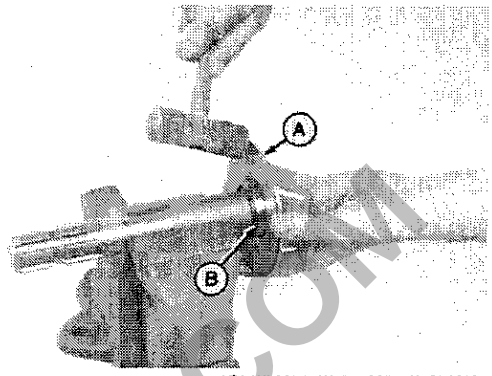

1—Yoke
2—Snap Ring
3—Lubrication Fitting
4—Cross and Bearing
5—Yoke, with Tube
6—Shield, Front Yoke
7—Shield Bearing
8—Shield, Outer
9—Shield, Inner
10—Shield Bearing
11—Shield, Rear Yoke
12—Yoke, with Tube

6EA;W13547 W11;;2010 -I 150487



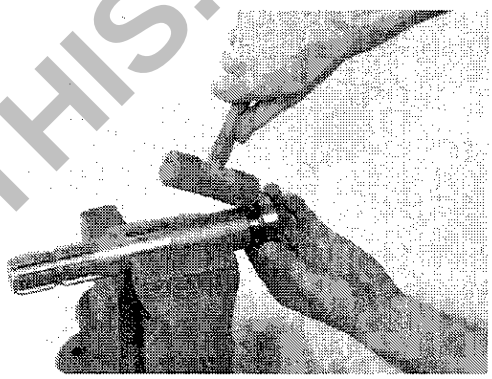
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7. Remove cover (A) from bearing (B).



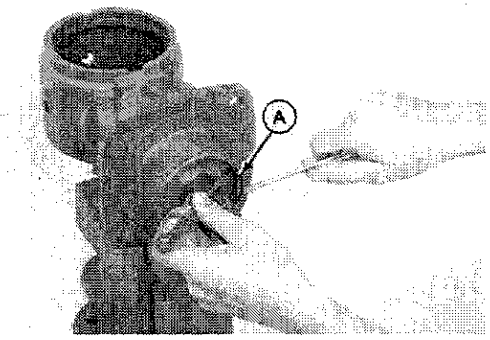

6EA;W12814 W11;;4005 -K 170287

8. Remove bearing from shaft.



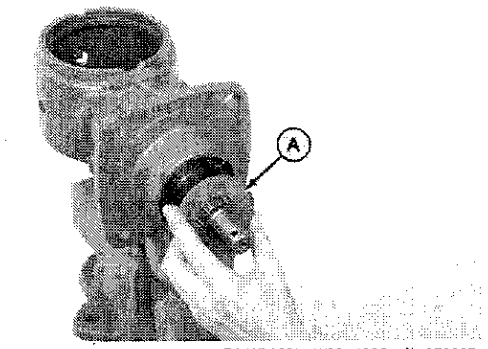
6EA;W12815 W11;;4005 -L 170287

9. Remove snap ring (A) using two screwdrivers.




6EA;W12816 W11;;4005 -M 170287

10. Remove seal protector (A).




6EA;W12817 W11;;4005 -N 170287

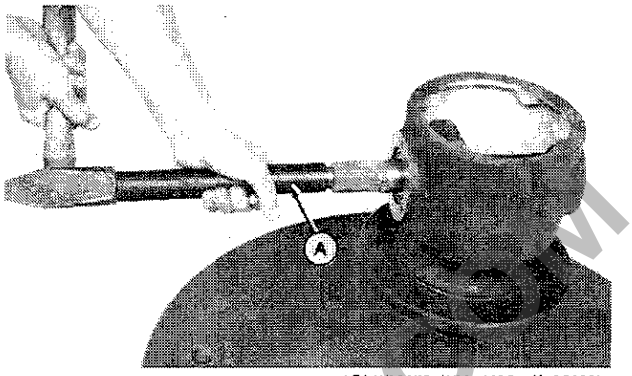


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6. Drive input shaft from housing. For gear case with clutch style input shaft, use 1-in. fabricated driver (A).

7. Remove remaining bearing cup using 2-1/4-in. driver disk.

8. Remove bearing cone from input shaft using a knife-edge puller.

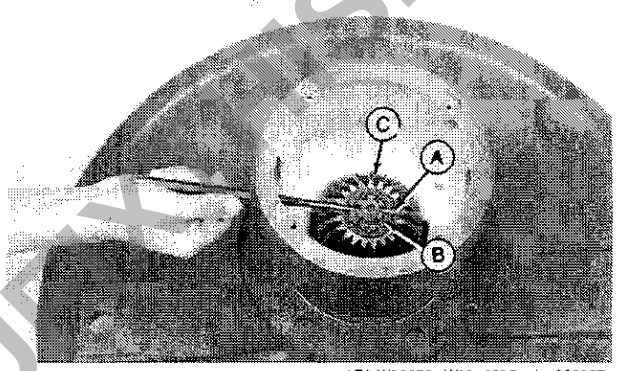



6EA;W12872 W11;;4015 -K 190287

10. For blade holder shaft retained with slotted nut remove spring pin (A), slotted nut (B), and gear (C).

For blade holder shaft retained with cap screw remove cap screw, washer, shims, and gear.

*NOTE: If gear is tight on shaft, remove gear while driving out blade holder shaft during step 11.*

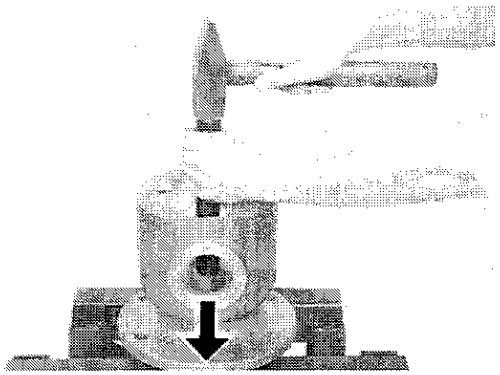



6EA;W12873 W11;;4015 -L 280287

11. Support housing and drive out blade holder shaft using 1-in. fabricated driver.

*NOTE: For blade holder shaft retained with cap screw, install cap screw and use solid driver.*

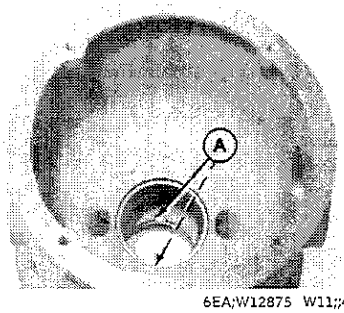
12. Remove lower bearing cone from shaft using a knife-edge puller.



6EA;W12874 W11;;4015 -M 190287

13. Remove upper and lower bearing cups using a long punch through knock-outs (A).

14. Clean all gasket or sealant from housing, caps and cover.

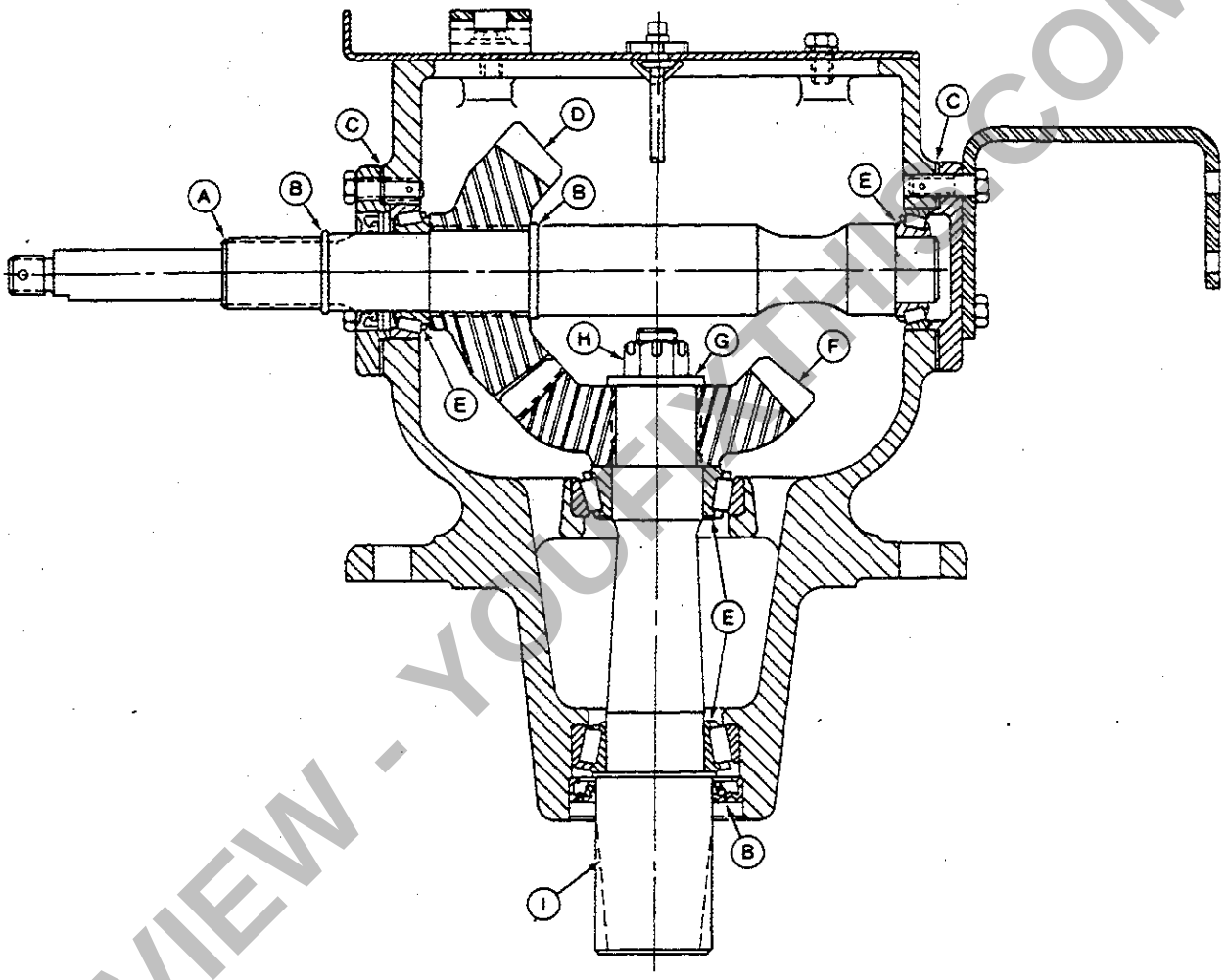



6EA;W12875 W11;;4015 -N 150487



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## CROSS SECTION SIDE VIEW—1508 CENTER GEAR CASE 1000 RPM




A—Input Shaft
B—Snap Ring
C—Shims
D—21-Tooth Gear
E—Bearing
F—23-Tooth Gear
G—Washer
H—Nut
I—Blade Holder Shaft

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