



Service Bulletin

W-104

Models Z-180 (53AC235M190) and Z-200 (53AC275K190)
 Serial Numbers 144570 thru 144734, 163254 thru 163299, 203354 thru 204348
 Date July 2, 1997
 Subject SERVICE KIT 753-0706

THIS IS A MANDATORY REPAIR

PROBLEM

- A When the lift handle is located in first or second position, the deck drive belt may come off the deck pulley
- B Rear tire may come in contact with transmission assembly/ frame bolt
- C Engine cranks but will not start or starts hard

SOLUTION

- A To correct this problem, a service kit must be installed to improve deck pulley alignment and to retain the belt in the deck pulleys. The kit contains the necessary spacers, hardware, and installation instructions. Attached to this bulletin is a reprint of the installation instructions.
- B Refer to the instructions on back of this bulletin.
- C To correct this problem, an afterfire wire adapter and diode assembly must be added to the wiring harness. The afterfire device is a solenoid and plunger mounted on the carburetor which prevents the engine from "running on" after the key switch is turned off by stopping the flow of fuel in the carburetor. When the key switch is moved to the start position, battery current thru the diode assembly holds the solenoid plunger open and allows fuel to flow in the carburetor. When the key switch is released to the run position, current thru the wire adapter continues to hold the solenoid plunger open while the engine is running. The necessary parts and instructions for this repair will be included in kit 753-0706.

ACTION REQUIRED

- 1 Order one kit 753-0706 from our Parts Department for each affected customer unit delivered, plus one for each of the above units in inventory.
- 2 Upon receipt of the kit, contact each consumer and arrange to install the Service Kit.
- 3 Install one on each unit in inventory.

WARRANTY ALLOWANCE

Submit a warranty claim for the kit & 1 hour labor. If delivered, include \$25.00 for pickup & delivery or service call.

Service Manager	Parts Manager	Service Tech	Service Tech	Service Tech

Circulate and Initial

INSTRUCTIONS FOR REAR TIRE INTERFERENCE

1. Jack Z-series so that both wheels can rotate freely.
2. Remove wheel on both right and left side.
3. Flip both wheels so valve stem is facing in; towards the unit. (See Fig. 2)
4. Position the wheel on the axle using center pilot as a locator.
5. Start all lug nuts on studs but do not tighten.
6. Finger tighten top nut, then rotate the wheel so that the number 2 nut (see Fig. 3) is at the top and finger tighten. Finger tighten remaining nuts in numerical (criss-cross) order.
7. Torque top nut to 50-60 ft.-lb. (600-700 in.-lb.). Rotate wheel so that the number 2 nut (see Fig. 3) is at the top. Torque nut to 50-60 ft.-lb. (600-700 in.-lb.). Torque remaining nuts in numerical (criss-cross) order.
8. Loosen lugnuts and repeat torque requirements as described above.

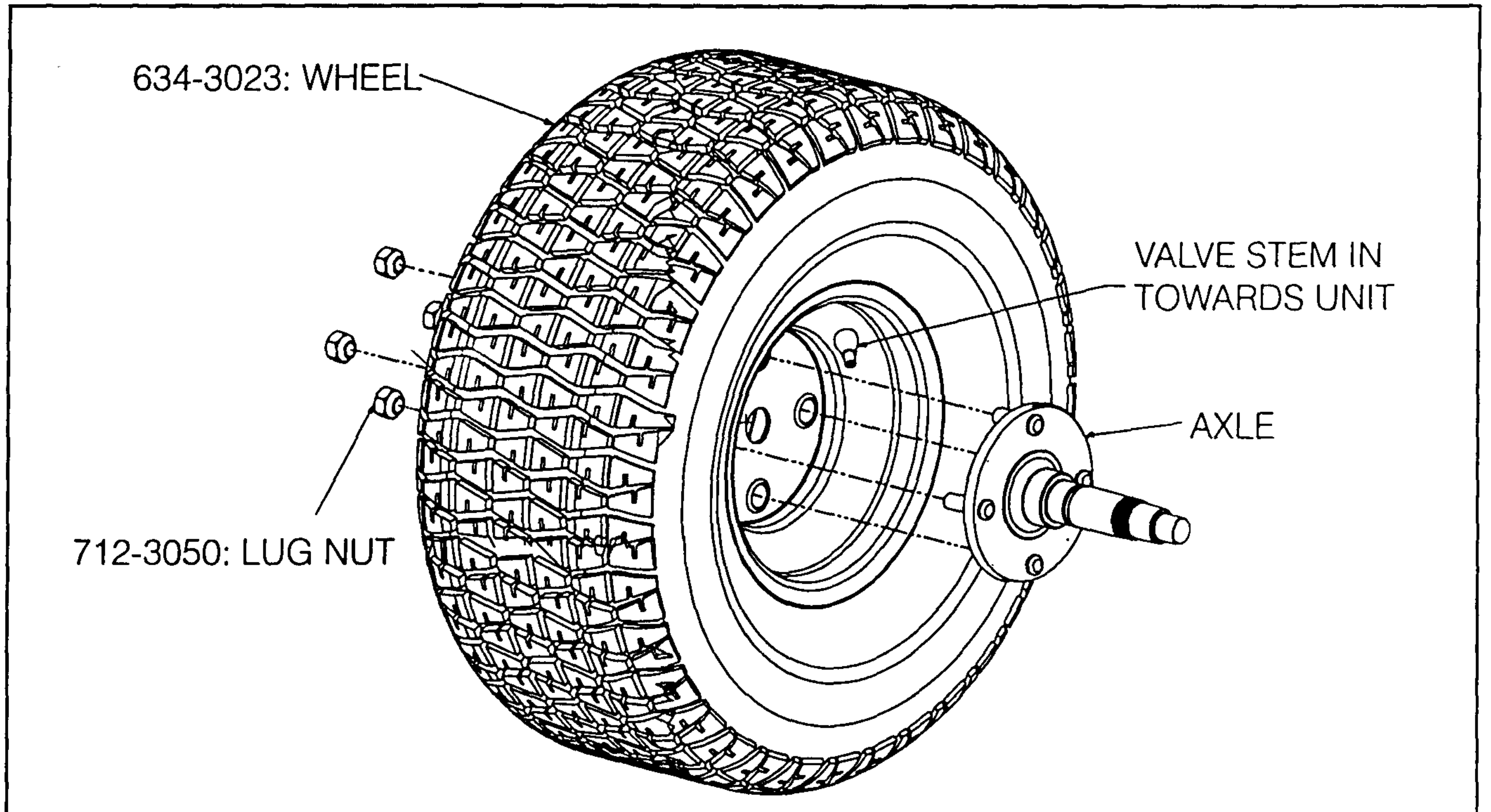


Figure 2

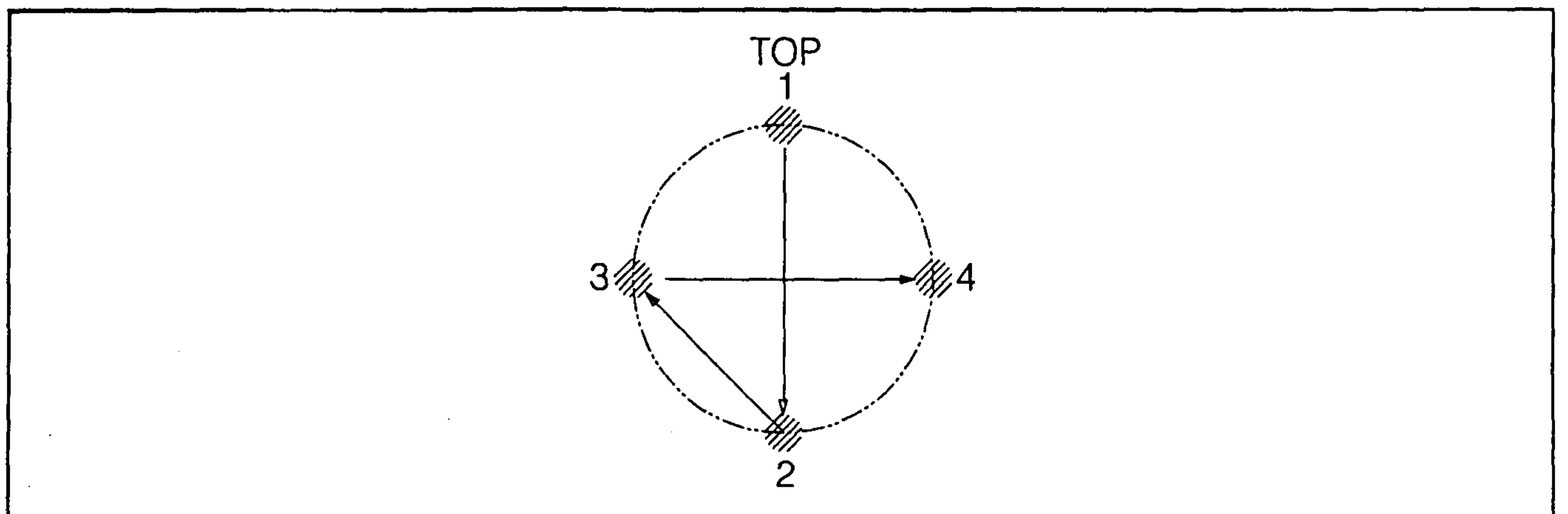


Figure 3

Service Kit 753-0706

CODE

N/A

SUBJ

- Belt Retaining Kit
48" or 54" Deck
- Rear Tire Interference
- Wire Harness Adapter

DATE

June 10, 1997

INSTRUCTIONS FOR BELT RETAINING KIT

1 Check for all items in kit

Part Number	Qty	Description
710-0615A	1	3/8 16 Hex Cap Screw 5 00 lg
710 0902	1	3/8 24 Hex Cap Screw 3 75 lg
712 0262	1	3/8 24 Hex Jam Nut (Center Lock)
712-3054	1	3/8 24 Hex Toplock Nut
750 3211	2	Spacer 410 ID X 1 00 OD X 0 800 lg
759 3689	1	Diode assembly
736 0227	1	3/8 x 1 5 x 134 Flat Washer
629 3048	1	Wiring harness adapter

2 Remove P/N 603-0406 from cutter deck

3 Discard P/N 710-0944, original Hex Cap Screw (Replaced by 710-0615A)

4 Install 750-3211 under 603-0406 using 710-0615A 736-0227 and 712-0431 (place 736-0258 in appropriate position as shown in Figure 1)

5 Remove 603-0362 from idler arm P/N 603-0469

6 Discard two 712-0431 original Hex Flange Nuts and 710-0521 original Hex Cap Screw (Replaced by 710-0902)

7 Install 750-3211 under 603 0362 using 710-0902 and 712-3054 placing all washers in appropriate positions as shown on Figure 1

8 Mount 732-0262 spring onto 710 0902 using 712-0262 Be sure the spring is free to turn about the bolt 712-0262 nut is only to keep the spring from falling down off the bolt and not to tighten the spring to the assembly

Important: After installing the (2) 750-3211 spacers look for the wiring harness mounting rod P/N 747-3271 underneath the floor of the Z-Series mower (Figure 1) Be sure to use electrical tape and mount the wiring harness above the rod as shown in Figure 1

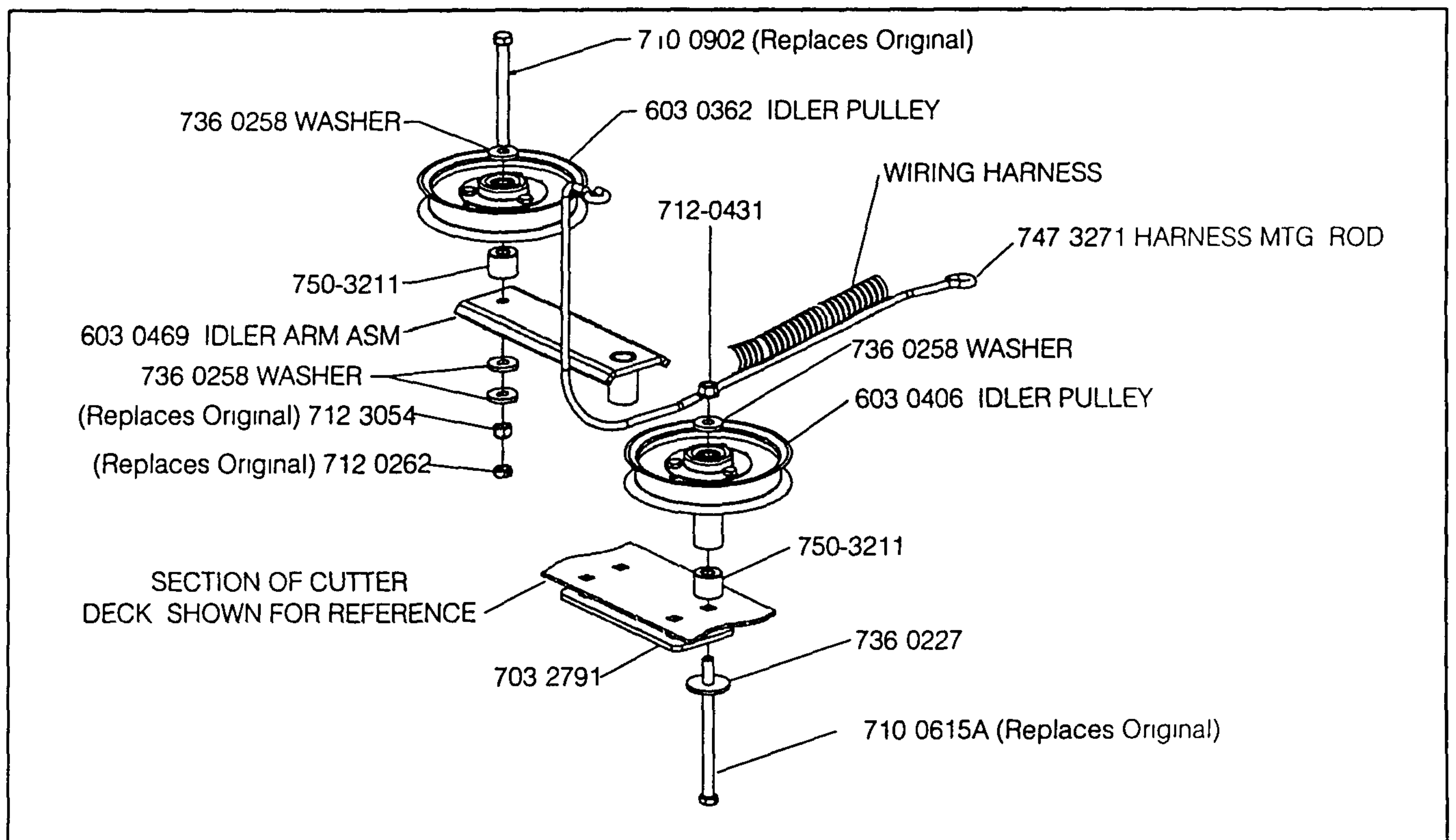


Figure 1

INSTRUCTIONS FOR AFTERFIRE SOLENOID ADAPTER

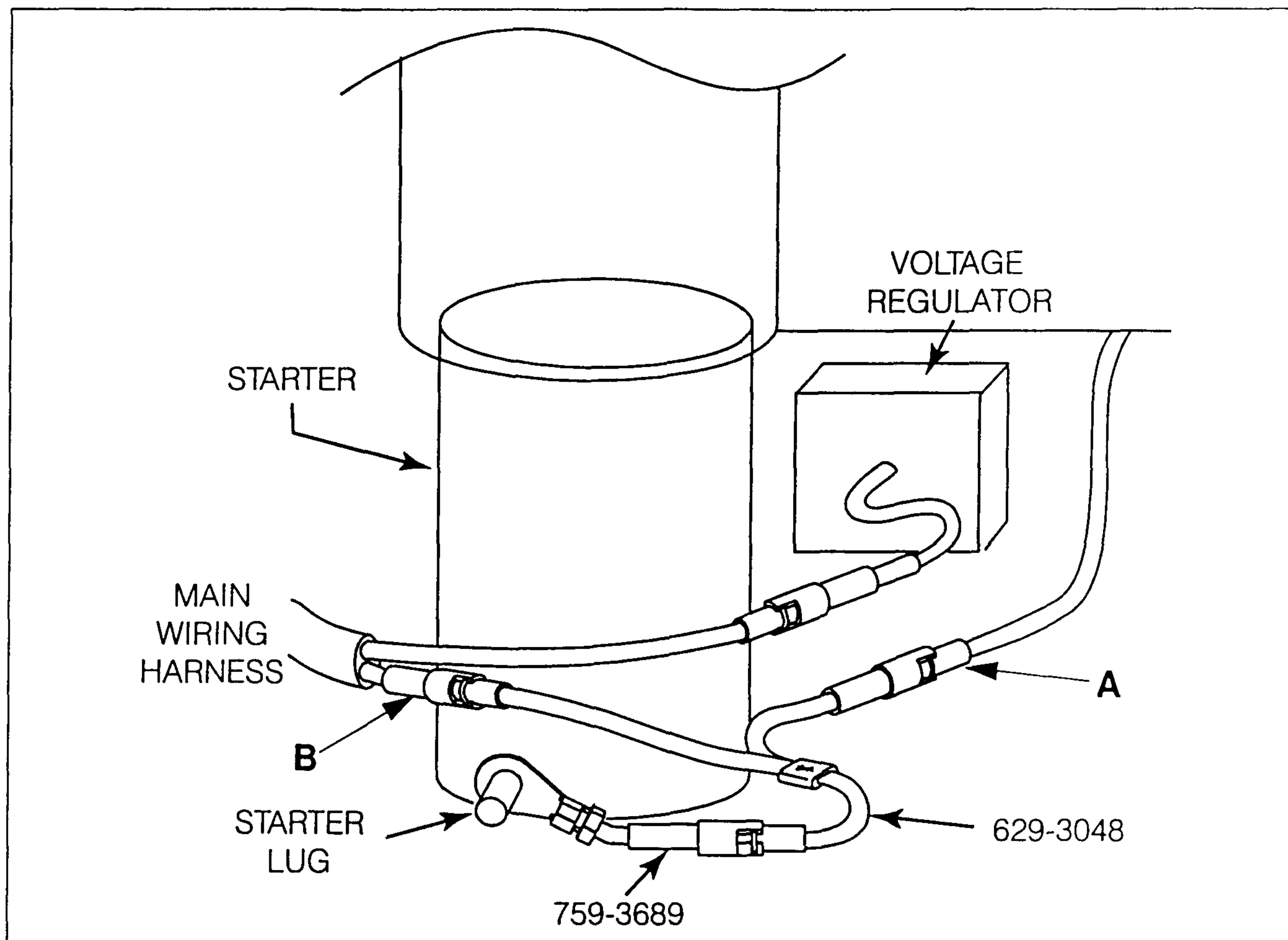


Figure 4

- 1 Remove (red) wire from starter lug by removing nut
- 2 Slip ring terminal of 759-3689 diode assembly over starter lug See Figure 4
- 3 Replace (red) wire earlier removed, and tighten nut
- 4 Disconnect wire **A** from wire **B** See Figure 4
- 5 Plug 629-3048 wiring harness adapter into loose connections See Figure 4

NOTE: Ensure that male connectors are mated with female connectors