RBX452
RBX462
RBX552
RBX562

Round Baler

SERVICE MANUAL

87352306

CASE IH AGRICULTURE

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The following pages are the collation of the contents pages from each section and chapter of the RBX452, RBX462, RBX552, and RBX562 Repair manual. Complete Repair part # 87352306.

The sections used through out all Case IH product Repair manuals may not be used for each product. Each Repair manual will be made up of one or several books. Each book will be labeled as to which sections are in the overall Repair manual and which sections are in each book.

The sections listed above are the sections utilized for the RBX452, RBX462, RBX552, and RBX562 Round Balers.

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SECTION 00 - GENERAL INFORMATION

BOOK 1 - 87352307

Chapter 1 - General Information

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SECTION 31 - IMPLEMENT DRIVELINE

BOOK 1 - 87352307

Chapter 1 - PTO Driveline

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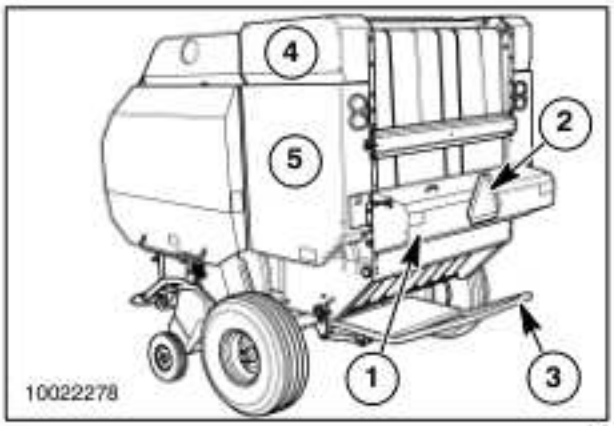
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Removal

Remove the net storage box, 1, if the baler is equipped with one. If not remove the SMV sign, 2.

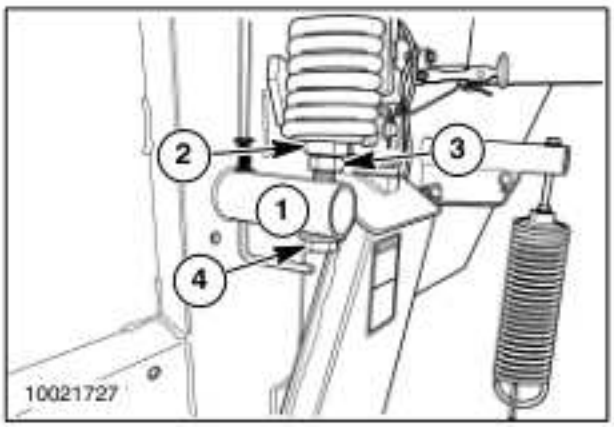
The bale ramp, 3, may be removed to get it out of the way. To remove the bale ramp, follow the directions in Section 70.

Remove the tailgate side shields, 4 and 5 from both sides.



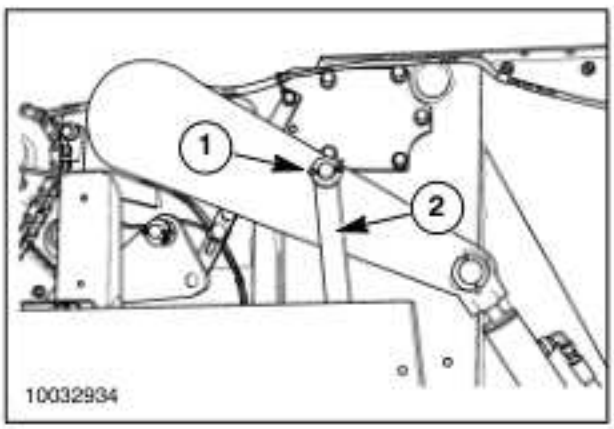
2

Note the distance between the pipe, 1, and the cast spring nut, 2, at the bottom of the spring. Loosen the jam nut, 3. Remove the bolt, 4, from the bottom of the belt tension spring on both sides of the baler.



3

Remove the cotter pin, 1, from the take-up arm and take off the spring straps, 2, and spring. Put the washers, spacers and cotter pin back on the mounting pin. Do the same on the other side of the baler.



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WIRE IDENTIFICATION

The wiring diagram is essential to analyzing electrical problems. It is impossible to follow many of the wires due to internal splices within the wire harness. It is difficult to see many of the electrical connections on the baler due to their hidden location, other connections have limited accessibility. Studying the wiring diagram before working on the electric system will save time and effort.

Each wire has a code number that appears on the wiring diagram. The code consists of the following.

Example: RB48E-BL-14

RB = Wire Harness that individual wire is in (see table on wiring diagram)

48 = Wire Number, each individual wire has a number

E = Splice Letter, will only appear if wire is spliced at one end (splice letters are labeled within the wiring diagram)

BL = Color (see table for abbreviations)

14 = Wire Gauge

Wire RB48E-BL-14 is a 14 gauge, blue wire in the Rear Baler Harness that has one end at splice E. If you look at the wiring diagram, this wire has a female connector that attaches to the ground side of the left side light. The other end of the wire, along with wire RB47E-BL-16 and wire RB22E-BL-16, splice to wire RB49E-BL-12 within the Rear Baler Harness.

Each wire is stamped with an identification code every 50 mm (2") along the length of the wire. The code does not include the wire color or wire size, as these are obvious.

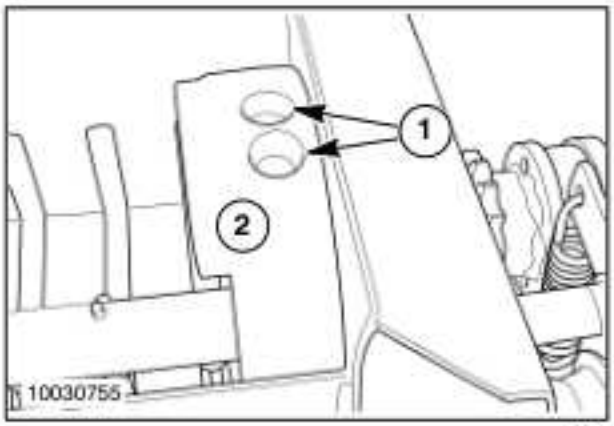
The example wire is stamped RB48E.

A color identification identifies the basic electric functions.

Color	Abbrev.
Black	BK
Brown	BR
Gray	GY
Red	R
Tan	T
Orange	O
Yellow	Y
Pink	PK
Violet	V
Dark Blue	DB
Dark Green	DG
White	W
Light Green	LG
Light Blue	LB

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Take out the two bolts, 1, in the left counterweight, 2.



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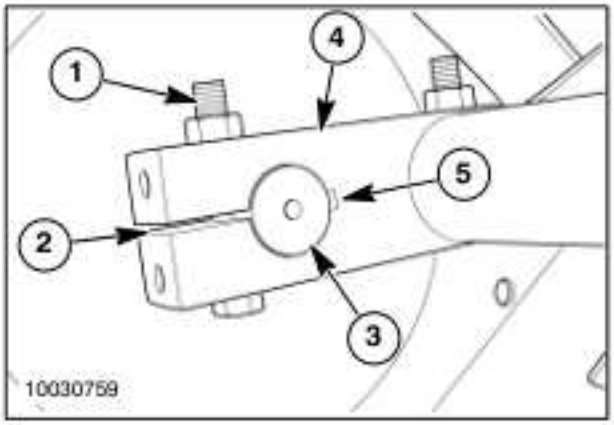
Take out the clamp bolt, 1.

Place a chisel in the split, 2, and drive the jackshaft, 3, out just far enough out of arm, 4, to be able to remove key, 5.

Remove key, 5, and continue to drive the shaft out through the bearing until it is free.

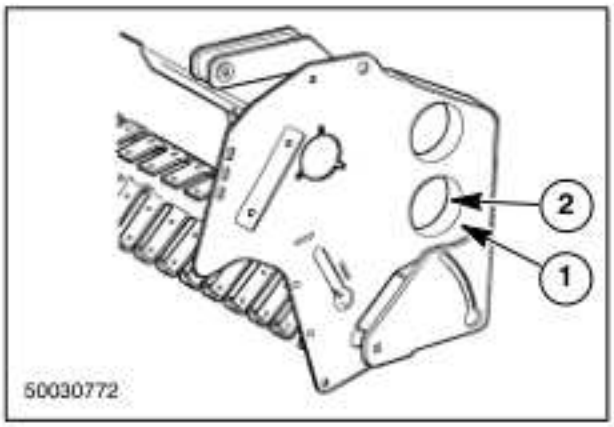
Remove the jackshaft assembly from the pickup.

NOTE: *The disc welded to the sprocket hub, may not fit through the hole in the outer side sheet.*



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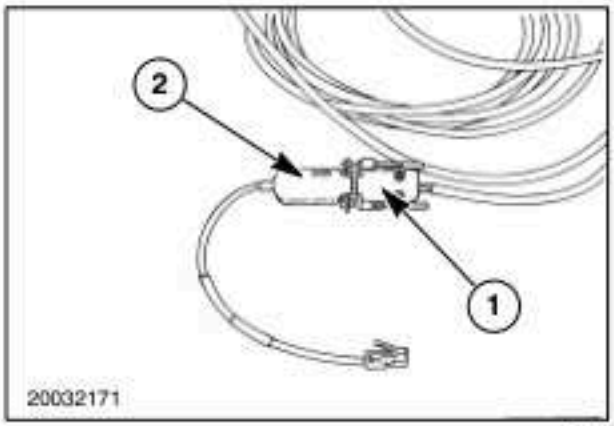
If not, grind the hole, 1, larger; From 102 mm to 107 mm (4.02" to 4.21"). The inner hole, 2, should already be 107 mm (4.21").



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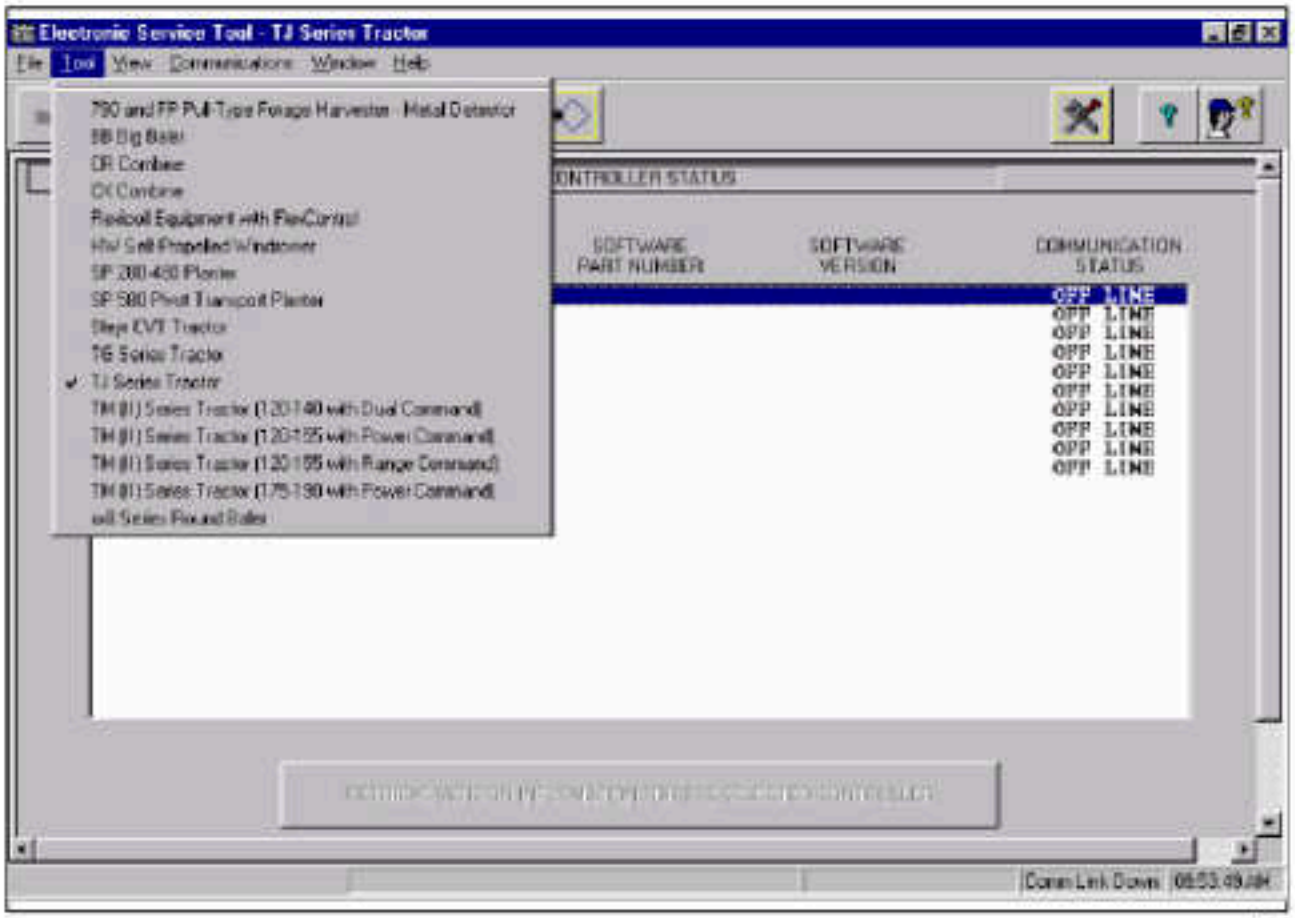
5. Connect the cable adapter, 2, to the serial cable, 1, as shown.



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Software Download Procedure

1. Turn on the EST.
2. If necessary, reconfigure the EST for the Series being serviced. To reconfigure the EST, click on the "TOOL" tab on the main menu bar at the top of the EST screen. A drop down menu will appear.
3. Double click on the series you need.



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