



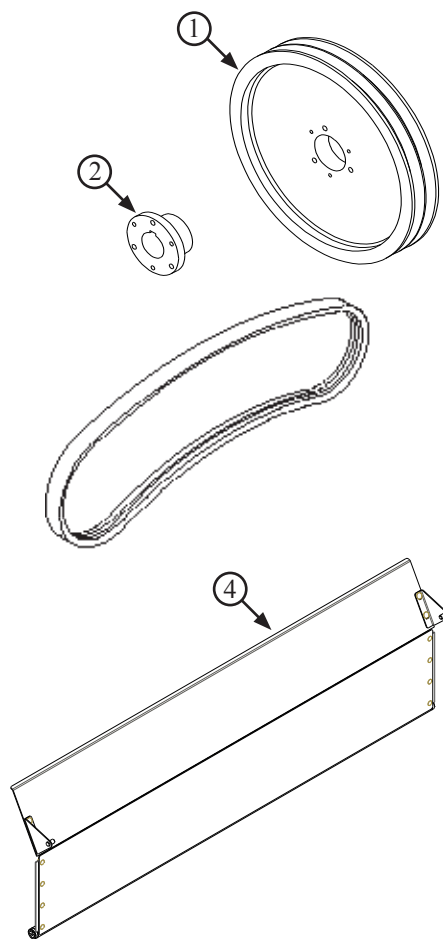
Redekop Option Slow Speed Drive & Corn Door Installation Guide

KIT CONTENTS

REF	ITEM NAME	ITEM DESCRIPTION	QTY
1	SHEAVE	SHEAVE LOW SPEED	1
2	BUSHING	BUSHING SK	1
3	BELT	CORN DRIVE BELT	1
4	FLOOR	CORN DOOR AR	1

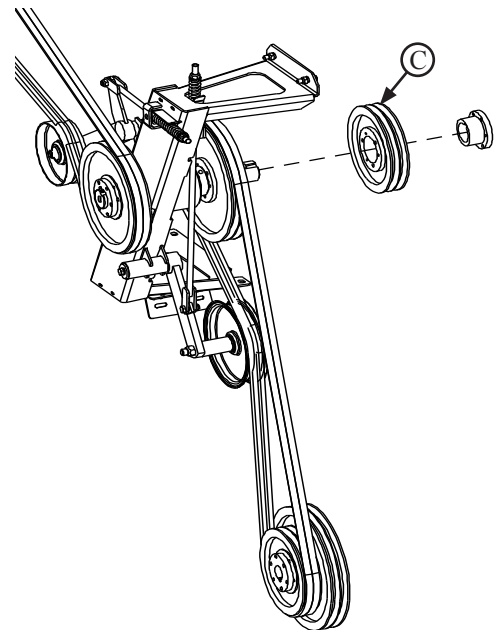
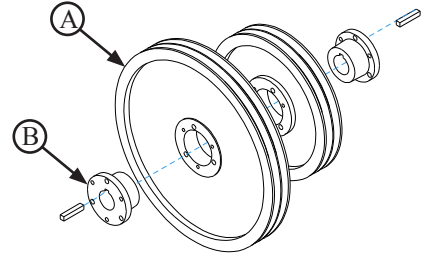


Depending on the model of combine and model of straw chopper a different combinations of the parts listed above will be used.



Pulley Install

1. Install the slow speed pulley (A) beside the high speed pulley to line up with the upper slow speed pulley. Pulleys should be placed so that the bushing (B) faces are on the outer ends. (See Appendix: 2 for pulley install instructions)
2. For some models of combines a different size belt is needed to run chopper at slow speed.
3. For combines equipped with Redekop jackshafts a smaller diameter pulley (C) will need to be installed beside the larger pulley on the upper drive.



If no extra belt is provided in your slow speed drive kit. Your combine will use the same belt for high speed and low speed.

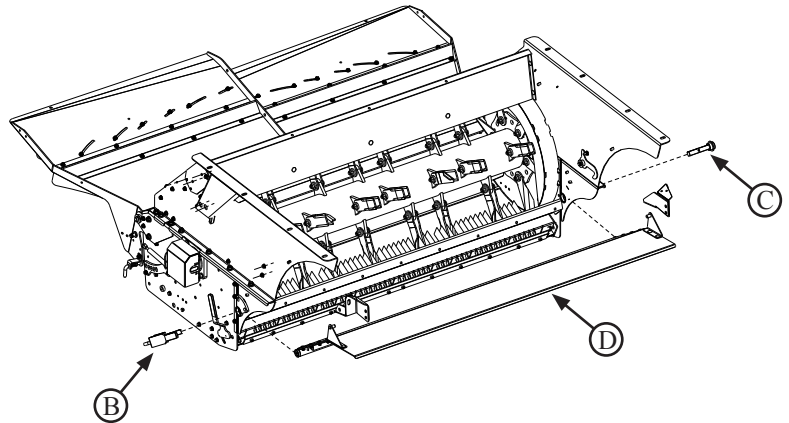
Hardened Corn Door Installation

(CR, STS, Massey/Gleaner, Straw & Chaff
MAV Choppers)

1. Remove non hardened straw door on the chopper by punching out roll pins (A) on either side of the door.
2. Using a pry bar remove the handle (B) and plug (C) ends from the straw door (D).
3. Install new hardened corn door by inserting handle and plug removed in previous step. Re-install the roll pins.



Make sure the hardened corn door rotates correctly and is in the correct locked positioning before operating the combine.



Appendix: 1 - Hardware Classification

B## Bolt - Imperial
 HEX Bolt Hex Head
 FLG Bolt Hex Flange Head
 RH Bolt Round Head, Carriage
 CS Bolt Countersunk

N## Nut - Imperial
 JAM Nut, Jam
 LOCK Nut, Lock

P## Pin - Imperial
 ROLL Pin, Roll
 COT Pin, Cotter
 HITCH Pin, Hitch Clip
 LYNCH Pin, Lynch
 CLEVIS Pin, Clevis
 SPIROL Pin, Spirol

W## Washer - Imperial
 FLAT Flat
 LOCK Helical Lock
 FEN Fender Washer

Description: BOLT HEX .5 X 1 GR5 UNC
 Type = Hex _____
 Diameter = 0.5 inch _____ Imperial Spec = GR5 UNC
 Length = 1 inch _____

Hardware Diameter	Wrench Size
1/4in Hardware	7/16in
5/16 Hardware	1/2in
3/8 Hardware	9/16in
1/2 Hardware	3/4in
5/8 Hardware	15/16in

B##M Bolt - Metric
 HEX Bolt Hex Head
 FLG Bolt Hex Flange Head
 RH Bolt Round Head Carriage
 CS Bolt Countersunk

N##M Nut - Metric
 JAM Nut, Jam
 LOCK Nut, Lock

P##M Pin - Metric
 ROLL Pin, Roll
 COT Pin, Cotter
 HITCH Pin, Hitch Clip
 LYNCH Pin, Lynch
 CLEVIS Pin, Clevis
 SPIROL Pin, Spirol

W##M Washer - Metric
 FLAT Flat
 LOCK Helical Lock
 FEN Fender Washer

Description: BOLT HEX M8 X 40 C8.8
 Type = Hex _____
 Diameter = 8mm _____ Metric Spec = C8.8
 Length = 40mm _____

Hardware Diameter	Wrench Size
M6 Hardware	10mm
M8 Hardware	13mm
M10 Hardware	15mm or 16mm
M12 Hardware	18mm or 19mm
M16 Hardware	24mm

Appendix 2 - Bushings

IMPORTANT: DO NOT USE LUBRICANTS IN THIS INSTALLATION

To Install Bushing:

1. Remove all paint, oil grease, etc. from tapered surface of bushing and bore of mating part.
2. See **Standard** mounting assembly - Figure 1.

NOTE: If bushing does not slide freely on shaft, wedge a screwdriver blade into the saw cut and the flange OD to open the bore of the bushing. Caution: Excessive wedging will split the bushing.

3. **Standard Mount** – Slide bushing on shaft, flange first. If using the setscrew, snug it against the key. **Excessive Torque will cause mating part to be eccentric.** Position mating part in place on bushing aligning drilled holes in mating part with tapped holes in bushing flange. Using lockwashers, install cap-screws thru the mating hub and into the bushing flange. (**Note:** S bushings can only be Standard Mounted. Be sure the three tapped holes in the mating hub **do not** align near the bushing saw cut. If they do, rotate the bushing 60 degrees.).

4. **Use A Torque Wrench.** Tighten all capcrews evenly and progressively in rotation to the torque value listed in the table. **Excessive wrench torque, closing the gap between the bushing flange and mating hub, or the use of lubricants will break the mating hub.**

To Remove Bushing:

1. Loosen and remove all capscrows.
2. For **Standard Mount**, thread capscrows into tapped holes in mating part to jack against bushing flange. Tighten bolts evenly and progressively in rotation to separate the two components.
3. Loosen setscrew to slide bushing from shaft.

Standard Mounting

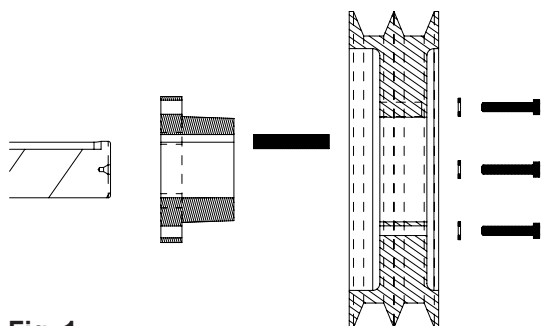


Fig. 1

Screw Tightening Information

Tapered Bushing	Size & Thread of Capscrew	Ft.-Lbs. To Apply With Torque Wrench
SK	5/16 - 18	15
SF	3/8 - 16	30

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This Warranty shall not apply to any rotor which shall have been installed or operated in a manner not recommended by the Manufacturer; nor to any rotor which shall have been repaired, altered, neglected or used in any way which, in the Manufacturer's opinion, adversely affects its performance; nor to any rotor in which parts not manufactured or approved by the Manufacturer have been used; nor to any accessories installed on the rotor where the accessory manufacturer has its warranty; nor to normal maintenance or replacement of normal service items.

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This Warranty is effective only for the original purchaser.

Redekop Manufacturing Co.
Saskatoon, SK Canada