



# Installation Instructions

<b>PART NUMBER</b>	<b>162-8100</b>	
<b>PART DESCRIPTION</b>	<b>SPEED REDUCTION KIT</b>	
<b>REV DATE</b>	<b>05/08/2012</b>	
<b>MACHINE MODELS</b>		

TOOLS NEEDED	PARTS
7/16" Wrench	162-6071 (1) PIT DRIVE PULLEY
7/16" Socket & Ratchet	162-6069 (1) TURRET DRIVE PULLEY
9/16" Wrench	162-6070 (1) BALL WHEEL DRIVE PULLEY
9/16" Socket & Ratchet	153-2051B (2) SET SCREW ¼-20 X 3/8"
3/4" Wrench	153-2007 (3) ½" ID FLAT WASHER
3/4" Socket & Ratchet	
5/32" Allen Wrench	

### TECHNICAL NOTE

Please thoroughly read the instructions prior to performing the installation of this assembly. To avoid any potential problems, if at any time during the process you have a question, stop and contact our Tech Support department at the numbers listed below.

## STEPS

### Turret Drive Pulley

1. Release long turret belt tension by removing long turret belt spring.
2. Remove long turret belt drive pulley. Retain hardware for reassembly.
3. Install new pulley, belt and tension spring.

### Pit Conveyor Drive Pulley

1. Release ball wheel belt tension by moving ball wheel belt out from under ball wheel belt idler arm.
2. Remove pit conveyor drive belt.



Within USA - 1-800-280-2695  
 Outside USA - +1 863-734-0200  
[www.kegel.net](http://www.kegel.net)  
 E-Mail: [tech@kegel.net](mailto:tech@kegel.net)

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3. Remove pit conveyor drive belt idler arm. Retain hardware for reassembly.
4. Remove pit conveyor drive pulley from pit conveyor idler arm.
5. Install new pit conveyor drive pulley on pit conveyor drive idler arm placing two washers (included with kit) between idler arm and factory spacer. See *figure 1*.

***\* One additional washer has been included with kit to be used if needed.***

6. Install pit conveyor drive idler arm.

### **Ball Wheel Drive Pulley**

7. Remove upper rear elevator guard, elevator cross belt and motor to elevator belt.
8. Remove ball wheel drive shaft "Jack-Shaft"
9. Remove ball wheel drive pulley from drive shaft and replace with new pulley.
10. Install ball wheel drive on pinsetter. (Route the ball wheel belt over top of drive shaft)
11. Install pit drive belt, elevator cross belt, motor to elevator belt and upper rear elevator guard.
12. Run pinsetter and check for proper ball wheel belt tracking (ball wheel belt runs through the center of RH lower ball wheel guide roller) Adjust as necessary.



Pit Conveyor Drive Belt Pulley



Ball Wheel Belt Drive Pulley



Turret Drive Pulley

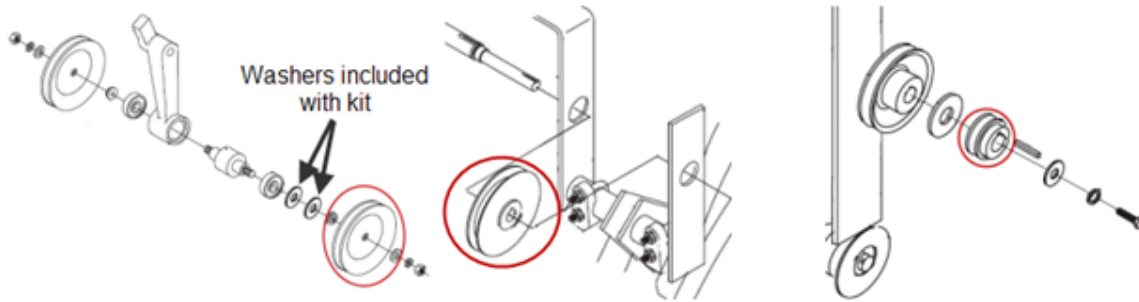


Figure 1