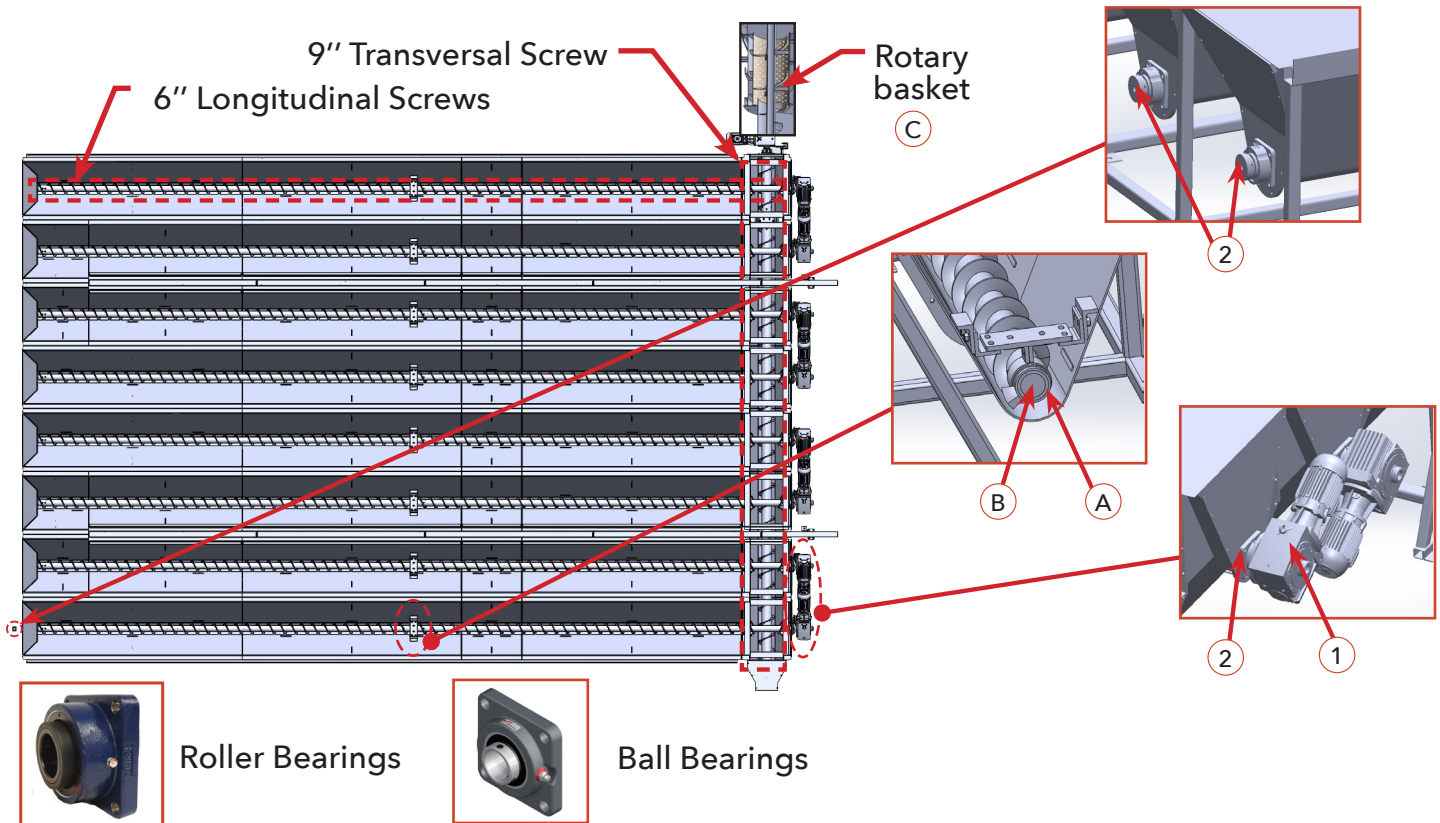


SCREW CONVEYOR SYSTEM MAINTENANCE SCHEDULE



MONTHLY MAINTENANCE

- Lubricate **Ball Bearings** and **Thrust Roller Bearings** ② Refer to name plate for oil type and volume required.
- Empty debris basket from **perforated screen drum** ③

EVERY 6 MONTHS

- Inspect every **Hanger Bearings** ① and **Coupling Shafts** ② for signs of wear. Both parts are self-lubricating and maintenance free. Replace when you notice signs of wear and/or when you hear a repetitive screeching noise. See detail next page.

EVERY 2,000 HOURS OF OPERATION

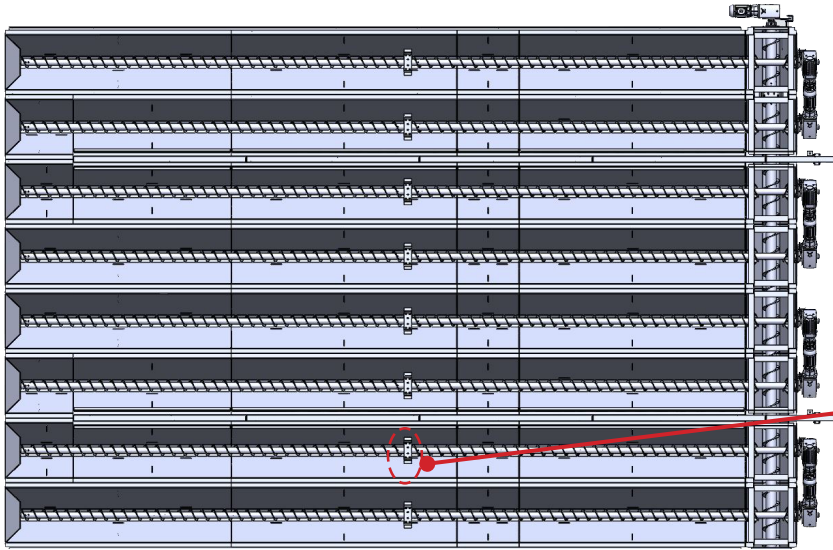
- Change oil on gear motor ① Refer to name plate for oil type and volume required.

REPLACE WHEN NEEDED

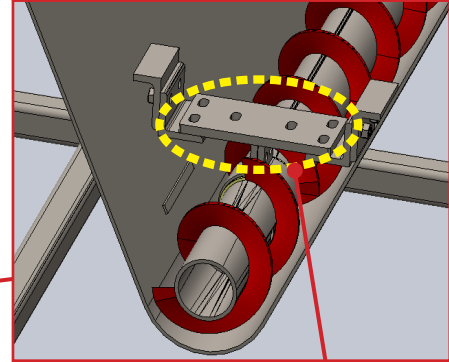
DESCRIPTION	Part #
Gear Motor 2 hp / 480 V ①	916555
Gear Motor 2 hp / 600 V ①	916556
Flange-Mount Ball Bearing ②	900406
Thrust Roller Bearing ②	916557

② Bearings can vary from system to system. Refer to the picture to identify the part that is on your system.

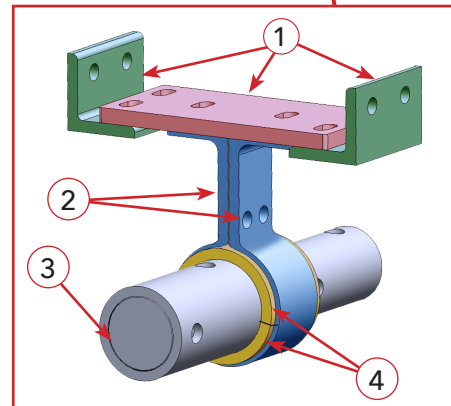
HANGER BEARING REPLACEMENT



Hanger Bearing
& Coupling Shaft



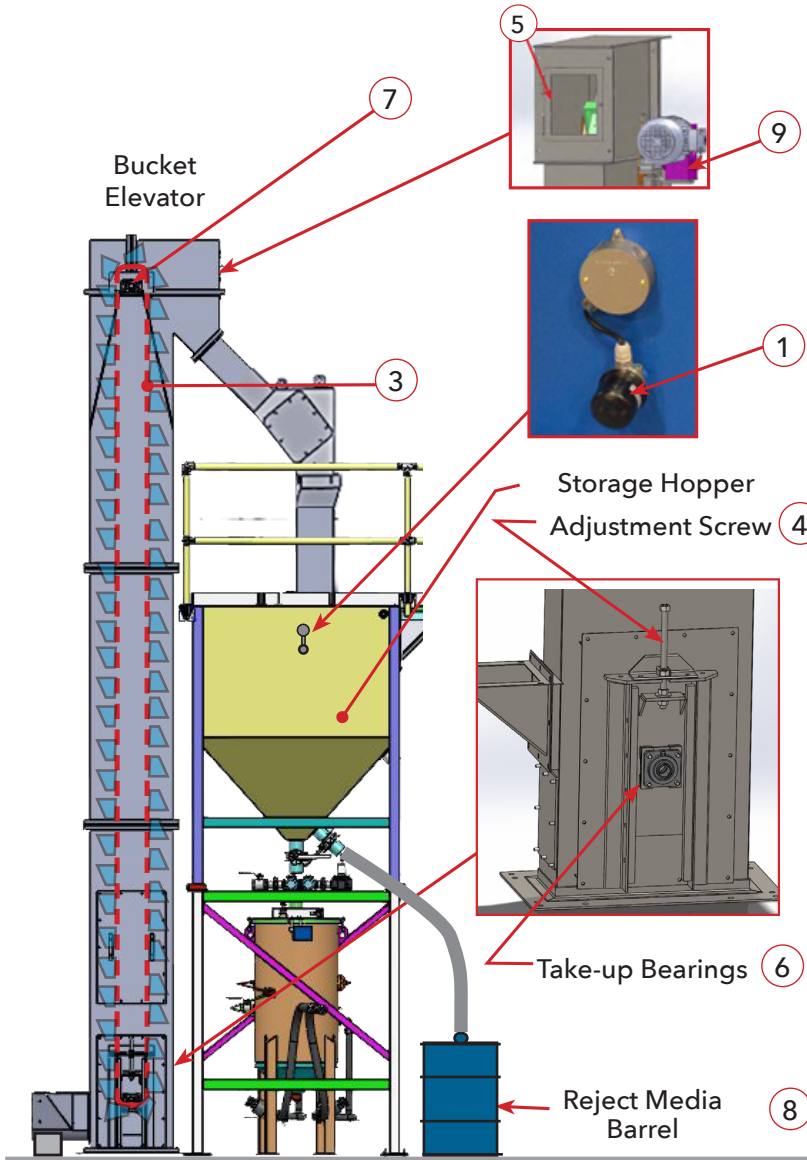
DESCRIPTION	Part #
Hanger Bearing Support (6" screw) ①	900407
Hanger Bearing Support (9" screw) ①	900407A
"J" Brackets ②	CONTACT KRESCO
Coupling Shaft ③	900404
Hanger Bearing ④ for 6" and 9" screw	919729



DISASSEMBLY / ASSEMBLY PROCEDURE

1. Remove the holding plate ① & "J" brackets ②.
 2. Remove the split hanger bearing ④.
 3. Clean the surface of the coupling shaft ③ using a fine emery cloth, as necessary.
 4. Put a new hanger bearing ④ in place. Use only original "Martin" cast iron oil impregnated.
- You don't need to change the coupling shaft unless it has signs of wear.

BUCKET ELEVATOR MAINTENANCE SCHEDULE



TENSIONING RUBBER BELT

- The rubber belt (3) must be tensioned (1) month after startup, and periodically thereafter.
- To adjust the tension on the belt, turn the adjustment screw (4) clockwise to increase tension or counterclockwise to release tension. The tension must be equal on both sides of the bucket elevator.
- Inspect the belt and the buckets through the service trap door (5), and adjust tension accordingly.

1 MONTH AFTER STARTUP

- Adjust tension on rubber belt (3).

MONTHLY

- Lubricate Take-Up Bearings (6) and Pillow Block Bearing (7) using multipurpose gear box grease. Replace when worn.
- Check level of rejected media barrel (8) and empty regularly.

EVERY 2,000 HOURS OF OPERATION

- Change oil on gear motors. Refer to name plate for oil type and volume required. Replace when worn.
- Inspect the belt and the buckets through the service trap door (5), and adjust tension accordingly. Replace belt or buckets when you notice signs of wear.

REPLACE WHEN NEEDED

DESCRIPTION	Part #
Take-up roller bearing on the lift shaft (6)	916558
Roller bearing on the shaft at the head of the elevator (7)	924980