


MODELS: BT3670 **ACT SEQ #** 101 **PAGE** 4/15 **STATION** RT-MFB1 **OPERATOR** TM1 **TIME(min)** 0:00

ACTIVITY DESCRIPTION 00000434 12-6-2019

Install Bearing



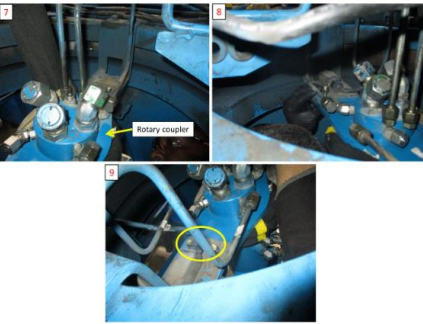
Torque the bolts to 160ft-lbs
Hoist rings installed should be 180 degrees apart
Use Tag line for guiding the bearing
Do not push suspended load with hands

STEP	STEP DESCRIPTION	QTY	P/N	COMPONENTS	P/N DESCRIPTION	TOOLS	TOOL DESCRIPTION
32	Install the two hoist ring on the bearing 180 degree apart	0	NA			Strap lift long 2in wide	
33	Torque the bolt to 160 ft-lbs	0	NA			Hoist ring 5000lbs	
34	Hook up both the sling hook to the hoist ring	0	NA			1 Ton OH Crane	
35	Hook up other end of the sling to the overhead crane					Tag Line	
36	Install the tagline on the bearing						
37	Lift the gear slowly and wait for it to be stable position						

MODELS: S85 **ACT SEQ #** 4 **PAGE** 4/5 **STATION** RC-S2 **OPERATOR** TM1 **TIME(min)** 0:00

ACTIVITY DESCRIPTION 00014271 6-13-2019

Install Rotary coupler



STEP	STEP DESCRIPTION	QTY	P/N	COMPONENTS	P/N DESCRIPTION	TOOLS	TOOL DESCRIPTION
7	Lift the rotary coupler and move towards turntable	4	122209GT		SCREW, HHE, 3/8-16 X1.5		
8	Align the holes on the coupler with the holes on the brackets susp	4	121422GT		NUT, HEX, FLG, 3/8-16		
9	Assemble the hardware						

Work Instruction Documentation

- Created Standard Operating Procedures (SOP) & Standard Operating Sequence (SOS) using Proplanner software for Mobile cranes operations
- Deputed TIRC MEs at site to capture the step-by-step manufacturing process and offshore team transfer the inputs received from onsite team to ProPlanner.

TEREX Step Floor Viewer

Job No: BT49B1 | TM1 Model: BT3670
Activity: 0000434 Serial Number: BT3670
Description: Install Bearing

Key: Quality + Safety
PPE: [Icons]

Step: Work Order: Task: Tools:

Step 34: Hook up both the sling hook to the hoist ring

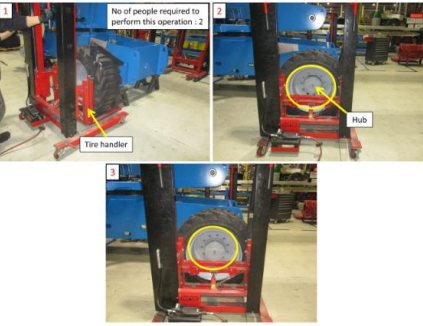
Part No. Qty Tool Description Image Value
Group Part ID: NA Present
0 Hoist ring 5000lbs
Step 35: Hook up other end of the sling to the overhead crane
Step 36: Install tagline on the bearing
Step 37: Lift the gear slowly and wait for it to be stable position

08:00:18:00:00 [Buttons]

MODELS: S85 **ACT SEQ #** 13 **PAGE** 1/3 **STATION** RC-S2 **OPERATOR** TM1 **TIME(min)** 0:00




ACTIVITY DESCRIPTION 00014280 6-13-2019

Install the tires onto the hubs



STEP	STEP DESCRIPTION	QTY	P/N	COMPONENTS	P/N DESCRIPTION	TOOLS	TOOL DESCRIPTION
1	Slide the tire handler towards the hub	1	121286GT			Tire handler	
2	Adjust the holes on the tire and wheel assembly with the studs on						
3	Slide the tire handler so as the studs are through the holes on the						

Lifting and Rigging Plans

TEREX		CRH1313R Diesel Motor Installation (Scania)	
Total Weight of load: ~10,000 lbs	High Risk Lift	Minimum Required hoist A cap: 20 Ton	Minimum Required hoist B cap: N/A
Required Rigging Equipment:			
All equipment listed below must be inspected for defects prior to lift.			
(1) Adjustable double leg chain Sling Details: 12" Vertical Limit: 26000 lbs	(2) Twisted Eye to Eye sling Sling Details: 4" x 20" Vertical Limit: 10,000 lbs		
			
(4) Sling Saver shackle			
			
Use Sling Saver shackle for this lift.			
At least one tag line must be used for any lift being performed.			

Rigging Details :

Use the labels on the slings to place them in the correct location specified below

1) Install the straps at the locations shown to Diesel Motor, connect the slings to the straps and hook up the other end to overhead crane. Attach tag line to the Diesel Motor. Protect the straps from sharp edges using rubber sheet.



* - Areas marked with * have sharp edges and require sling protection.

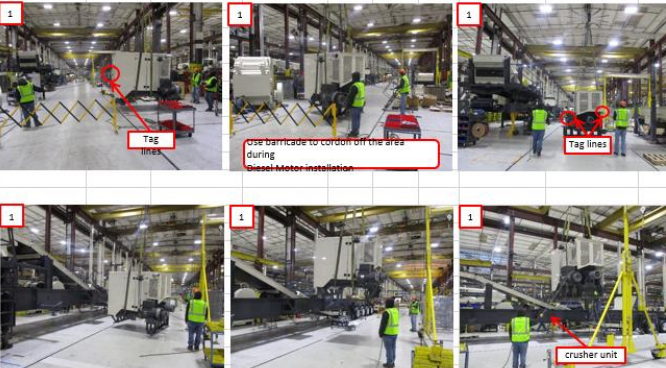
Prior to performing the lift, answer each of the following questions:

- Who is responsible for the rigging?
- Has communications been established?
- Where is the center of gravity?
- What is the sling angle?
- Will there be any side or angular loading?
- Is the load rigged to the center of gravity?
- Will personnel be clear of suspended loads?
- Is there any possibility of fouling?
- Will the load lift level and be stable?
- Any unusual environmental concerns?
- Any special requirements?

Detailed Lifting Procedure :

Set up barricades around the entire lift area prior to performing lift.

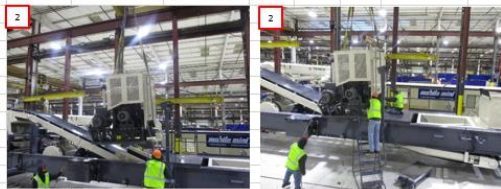
1) Slowly lift the Diesel Motor, check for load to be stable, once stable move it to assembly area of crusher unit as shown using overhead crane and tag lines



2) Slowly lower down and position the Diesel Motor in its assembly area over main frame

3) Align the mounting holes of Diesel Motor and main frame

2) Slowly lower down and position the Diesel Motor in its assembly area over main frame



3) Align the mounting holes of Diesel Motor and main frame

