

This kit is for a dial indicator to be used to with bearing tester fork 3706055 (not included in this kit) to measure bearing deflection to determine if they need to be replaced or adjusted.

## DIAL INDICATOR ASSEMBLY PROCEEDURE

Remove items from carton and verify all parts indicated are included.

1. Install the flat tip that is in the envelope inside the Dial Gauge box to the dial indicator.
2. Determine which hole to mount the Dial Gauge. Use the screw provided to secure the Dial Gauge to the Magnetic base and bracket.

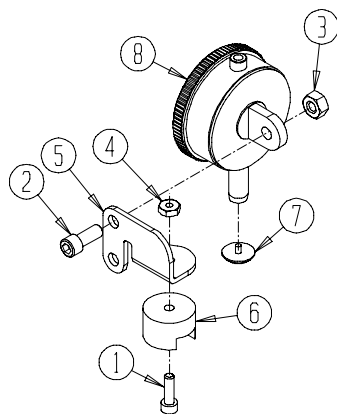
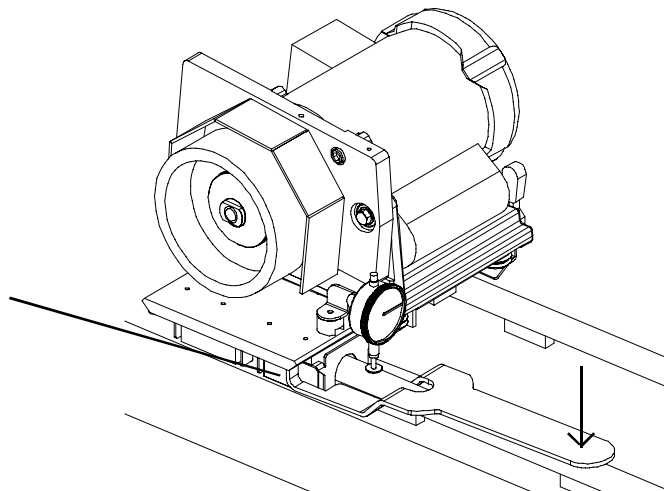


DIAGRAM NUMBER	PART NUMBER	DESCRIPTION
1	B191016	10-24 x 1/2" Long Socket Head Cap Screw
2	B251016	1/4-20 x 5/8" Long Socket Head Cap Screw
3	J257000	1/4-20 Lock Nut Jam with Nylon Insert
4	K191501	#10 Lockwasher
5	3706058	Bracket For Dial Indicator
6	3706059	Magnet 1" Dia x 5/8 Long
7	3708035	Contact Point .62 Dia
8	3708581	Dial Indicator Assembly

## TESTING PROCEDURE:

1. Position Dial Indicator assembly on the machine grinding head assembly next to the bearing to be tested. (Remove below is the machine has them installed)
2. Insert Bearing Testing Fork 3706055 until the fork contacts the wiper bracket or the bearing.
3. With the tip of the Dial Indicator on the traverse shaft zero out the Dial Indicator.
4. Use your hand and press on the end of the Bearing Tester Fork until it contacts the traverse rail. Read the movement on the dial indicator. If the movement exceeds .003" the bearing needs to be adjusted. Retest the bearing after adjusting the tension on the bearing. If the bearing does not improve to below .003" reading then the bearing needs to be replaced.

If dial reads more than .003" of movement, adjust bearing tension.



Press down on Bearing Tester Fork and Read Dial.