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## Technical Guideline

### Adjusting the Tightness of a Ball Joint Assembly

TG-90-BV00

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#### PURPOSE

To guide the end user in how to adjust the tightness of a ball joint on a Vise Bracket Mount or a Universal Bracket Mount.

#### WARNINGS



**WARNING!** Only qualified personnel should service or repair this device. This device should only be serviced/repaired by a qualified service technician who is proficient in the repair of electromechanical dental equipment and who understands the complexities and risks of working within the device and observes proper safety precautions.

#### TOOLS REQUIRED

- Hex Keys: 1/8, 5/32, 7/64

#### INSTRUCTIONS FOR VISE BRACKET MOUNT ASSEMBLY

1. Remove socket screw on bottom of the bracket using a 5/32" hex key and remove the plate. (Fig.1)

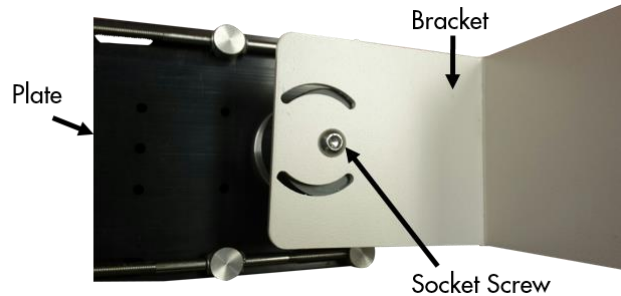


Fig. 1

2. Take black plastic spacer and set aside. (Fig. 2)
3. Locate the set screw in the shaft, then insert a 7/64" hex key into the set screw. Loose or tighten as required.
4. Reverse the steps to reassemble.

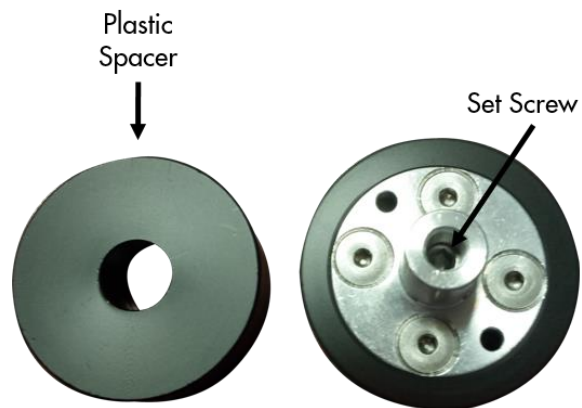


Fig. 2



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#### INSTRUCTIONS FOR UNIVERSAL BRACKET MOUNT

1. Remove the Universal Ball Joint assembly from the bar.
2. Use a 1/8" hex key to remove the holder body. (Fig. 3)

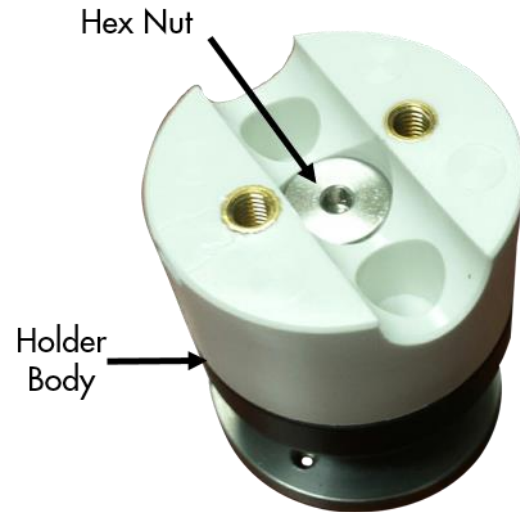


Fig. 3

3. Locate the set screw in the shaft, then insert a 7/64" hex key into the set screw. Loosen or tighten as required. (Fig. 4)
4. Reverse the steps to reassemble.

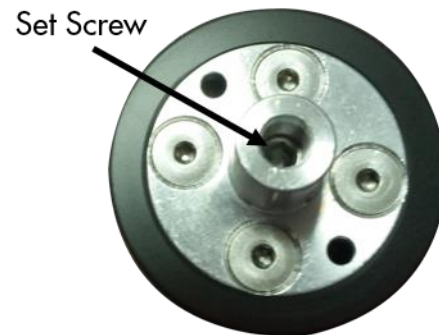


Fig. 4