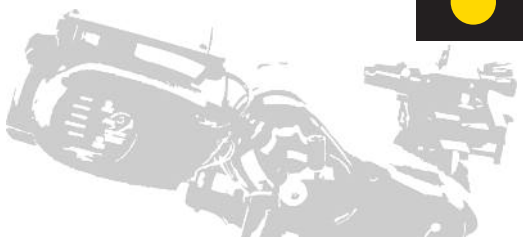
PRO-CUT
ON-CAR BRAKE LATHES

Perfect Brake Job. Every time.



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MODELS:
- **PFM 9.0**
- **PFM900**
- **VBG620**

GIB ADJUSTMENT for 50-640 Gearbox

1. Remove cutting head.
2. Remove the 2 6MM allen screws from the back of the Slide Plate (50-499).
3. Loosen the 7mm lock nuts and 2mm allen screw on the side of the slide plate.
4. Make sure that there is no debris or imperfections on the runners of the gearbox (50-012). Clean the runners with the edge of a flat head screw driver.
5. Measure the distance between the runners on both sides of the gearbox. Indication of damage is that when a Gib Adjustment is done, the slide plate is extremely tight at the bottom of the gearbox and loose at the top. The maximum difference between the runners is .003" or 0.08mm. If the distance is more, the gearbox should be replaced.
6. Adjust the Gib by starting at the lower end of the slide plate and turning the 2mm allen screws. Move the slide plate up and down the gearbox. This is to ensure that the slide plate can move with some resistance. Continue adjusting the 2mm allen screws and checking the resistance of the slide plate. Place your palm on the slide plate and see if there is any sideward movement. It is essential that there is no sideward movement.
7. Move the slide plate down the gearbox so that the 2 6mm allen screw holes are in line with where the feed screw (50-023) screws into the gearbox.
8. Attach the feed block (50-025) to the slide plate (50-499). This is where the feed screw is at its straightest point.
9. Feed the slide plate out by turning the clutch handle (50-570). Stop every inch or so to check if there is any sideward movement. If there is, adjust the 2mm allen screws to correct. There should be no sideward movement of the slide plate.
10. Tighten the 7mm lock nuts. Test the lathe on a vehicle or test stand.

Contact the Pro-Cut Service Department with any questions: 800-543-6618.

Now with factory-trained sales and service across the country!

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