the T-handle 6mm allen wrench to remove the securing screw and center the head so the cutting arms will straddle the rotor.

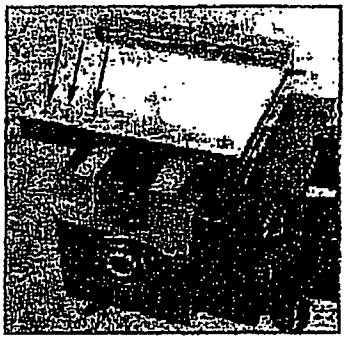
It is critical that you pull the tool holder plate back into the dovetail so that it is square as you tighten the securing screw. You can use one hand to push the cutting head firmly back into the dovetail as you tighten the set screw with your other hand. If the tool holder is not squarely and firmly pressed into the dovetail, a poor surface finish will result.

NOTE: The Pro-Cut will mount right-side up on one side and upside down on the other. Always start right-side up; this way, when you proceed to the other side of the vehicle, the offset of the cutting head will already be set, with the cutting head firmly in the dovetail. Never attempt to move the cutting head laterally with the lathe upside down.

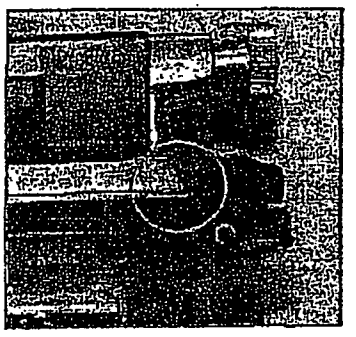
Next you will set the shut-off cam. Crank the feed knob until the tips clear the outside edge of the rotor. Loosen the cam screw and slide the cam back until it contacts the automatic shut-off switch plunger. Tighten the cam screw. The cam will press the shut-off switch when the tips clear the rotor. This allows for unattended operation.

WARNING: If the tool holder is not squarely and firmly pressed into the dovetail, a poor surface finish will result

WARNING: Never attempt to move the cutting head laterally with the lathe upside down.



The cutting head connects to the cutting plate (50-499) by a bolt. The bolt threads through one of tapped holes in the plate. Different holes in the plate allow the cutting head to be set for any vehicle.



Note the dovetail at the back of the cutting head. This dovetail must be tight. Be sure to pull back on the cutting head as you secure the mounting bolt.

Produced by Ford Motor Company
MOTO 000063