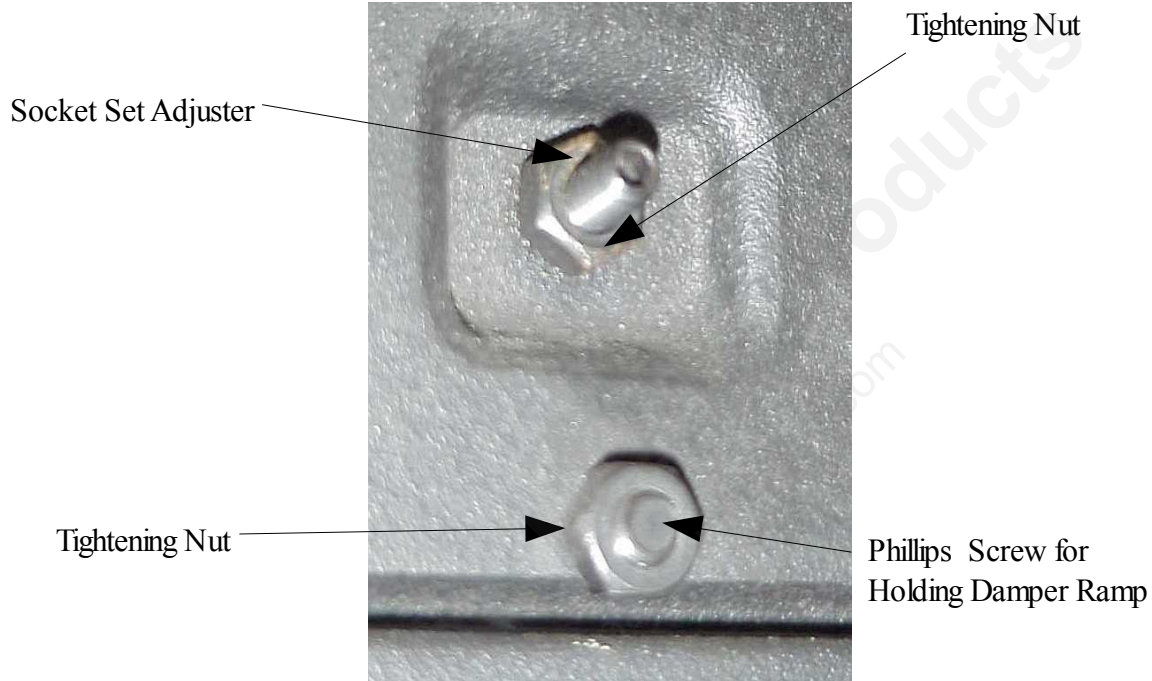




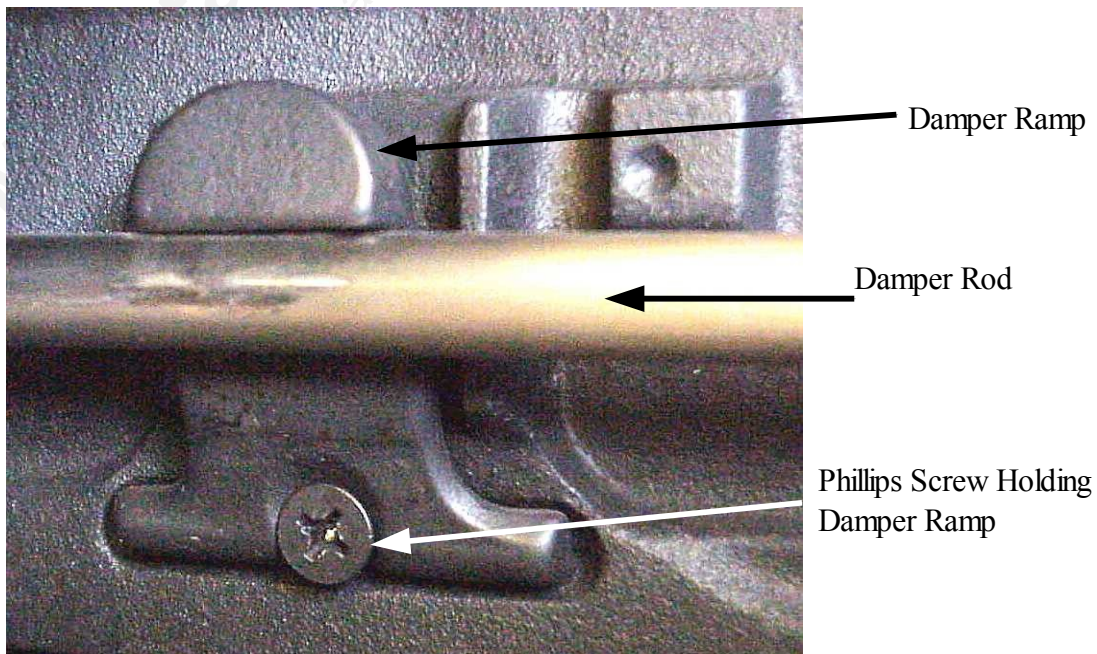
# Vermont Castings General Service Procedure

## Damper Ramp Adjustment

*View from inside the firebox looking up*



*View from through the flue collar looking at the rear of the damper door showing the damper rod*



## **Damper Adjustment Procedure – Damper Too Tight**

*In all cases, be careful not to snap off the set screw, the damper ramp or the damper ramp screw by turning the screws when you feel resistance or without loosening the nuts.*

1. Close the damper.
2. Apply Lock-ease or WD-40 to the two bolts.
3. Loosen the nut holding the socket set screw from inside the firebox.
4. Carefully turn the socket set screw with an allen key counter-clockwise to bring the ramp closer in to the damper.
5. If Loose, tighten the nut holding the damper ramp screw. You may need to access the Phillips head on the damper ramp screw from the flue collar opening.
6. Try the damper and redo the procedure if additional adjustment is needed.

## **Damper Adjustment Procedure – Damper Too Loose**

1. Open the damper and prop the damper in the closed position to work on it from inside the stove.
2. Apply Lock-ease or WD-40 to the two bolts.
3. !Optional! Loosen the nut holding the damper ramp screw. You may need to access the Phillips head on the damper ramp screw from the flue collar opening. Adjustment may not need loosening of the bolt.
4. Loosen the nut holding the socket set screw from inside the firebox.
5. Carefully turn the socket set screw with an allen key clockwise to push the ramp further out.
6. Tighten the nut holding the socket set screw from inside the firebox.
7. If loose, tighten the nut holding the damper ramp screw.
8. Try the damper and redo the procedure if additional adjustment is needed.