

This appliance has been retired.
For current replacement part numbers, please refer to the individual service parts list located on the brand websites or contact your local dealer for part availability.



FOR REFERENCE ONLY

SERVICING THE 0028, 2140 & 2190 DEFIANT ENCORE DAMPER

The Defiant Encore 0028, 2140 or 2190 damper system relies on precise geometry. When the user rotates the damper handle, it moves the actuator link that connects to the torsion bar, which in turn moves the damper back and forth. The link locks the damper in the closed position by twisting the torsion bar slightly. The actuator link is a piece of ¼ plate steel, shaped like a hockey stick between the left inner air plate and left end of the stove.

If the damper jams or will not lock, it will be necessary to get at the linkage.

Stoves Built Before Dec. 1991 - 0028 & 2140 Series:

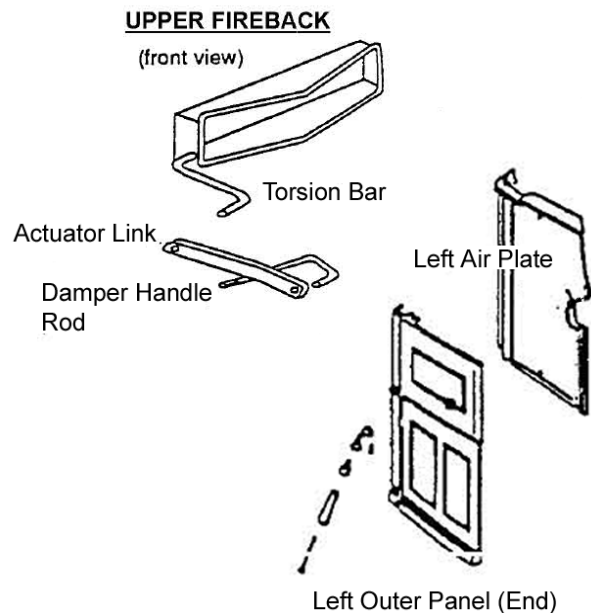
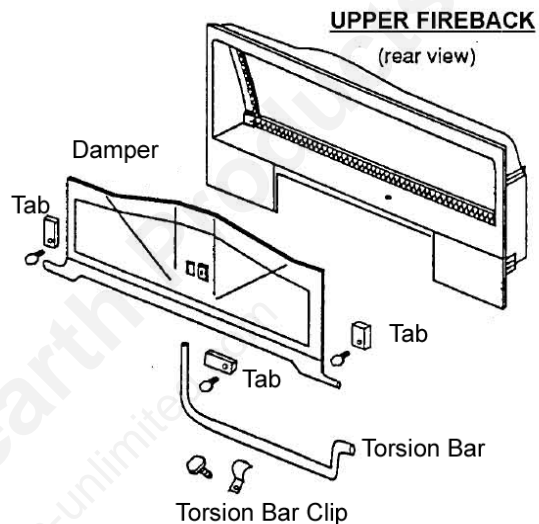
You get at the linkage by removing an access panel at the top of the left inner air plate in the firebox. This access panel is cemented and bolted in place. With the access panel removed, loosen the handle stub from the damper handle rod (by loosening the socket screw), and remove the steel linkage. Be very careful not to drop it between the left end and the left air plate as it will be very difficult to retrieve it if it falls between the plates.

Stoves built between Dec. 1991 and March 1995 (2190 series):

The left air plate has a bracket which holds a wedge at the rear designed to hold the lower fireback in place. Tap the wedge up and remove it. Then remove the two hex head bolts holding the left air plate to the left end. The left air plate has rope gasketing on the back, so it isn't necessary to break any cement seals. Remove the handle from the damper handle rod, (by loosening the socket screw), the damper handle rod and the steel linkage.

First, check the linkage to be sure it is flat; straighten or replace if it is bent. The linkage has a beveled hole at each end; use a round file to round over the inner bevels on the holes. Replace the linkage and check the damper action. If it has improved, you're done and you can replace the access panel or left air plate. Before replacing the access panels on post-1991 models, check the back side of it, and the space between it and out outer panel for any excess cement. This may keep the panel from fitting properly on the outer panel and may allow the damper linkage to twist slightly, causing the damper to jam or not close properly.

Also check (through the flue collar opening) to make sure the damper tabs and the torsion bar clip are not bent and that the mounting bolts are snug. If bent, see the second page for a procedure to "beef up" the attachment.



SUGGESTED FIX FOR BENT DAMPER CLIPS ENCORE 0028/2140/2190

DIAGRAM KEY	PART NUMBER	QUANTITY	DESCRIPTION
A	160-1036	1	TORSION BAR CLIP
B	120-2474	2	1/4" STUD FLAT WASHER
C	120-3210	2	1/4-20 PLAIN NUT
D	120-0446	1	1/4-20 X 1 1/4 SOC SS
E	160-1488	1	DAMPER TAB

