



TRAVIS INDUSTRIES
HOUSE OF FIRE

Leyden / Arbor Glass Clip Installation

(sku 250-01217)



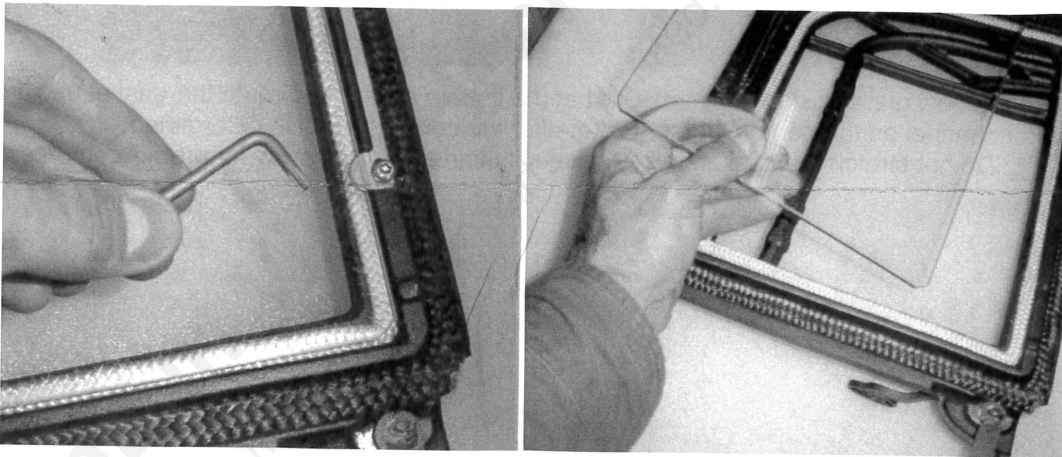
The glass clips must not be over-tightened. This may lead to the glass breaking. Use of a power drill to tighten the glass clip screws may lead to the glass breaking.

Packing List

- (4) Glass Clips (with gasket attached)
- (4) Glass Spacers
- 11/64" Drill Bit
- (8) 10-24 x 1/2" Swaging Screws
- Glass Gasket (80")

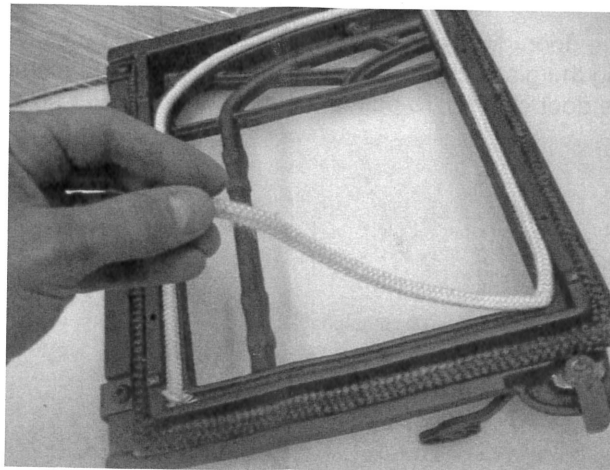
Glass Clip Installation

1. Remove the door(s) from the stove and place on a suitable non-scratching surface.
2. Remove and discard the glass clips and screws (most clips require a torx T-20 torx wrench). Remove the glass and place it aside.



3. Remove and discard the glass gaskets.

NOTE: The old gasket, especially if burned, may become compressed and less pliable. By replacing the gasket you are insuring a proper seal for the glass and providing a flexible channel for it to rest in.

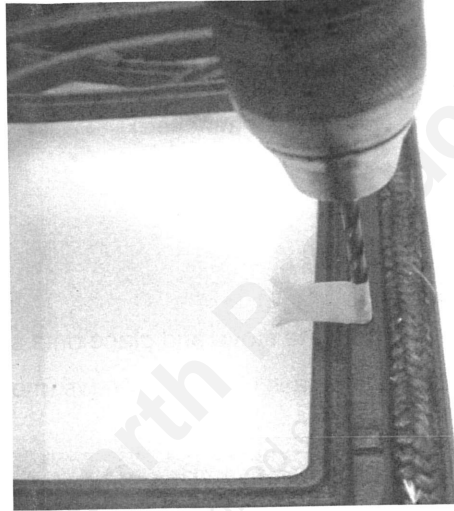




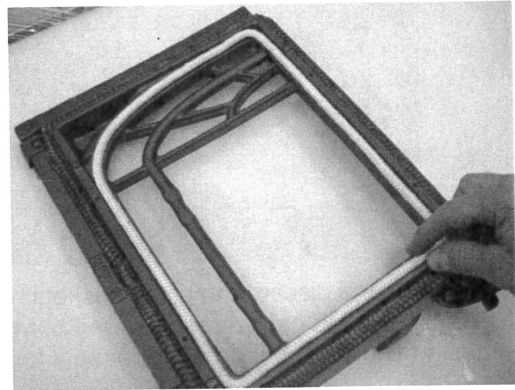
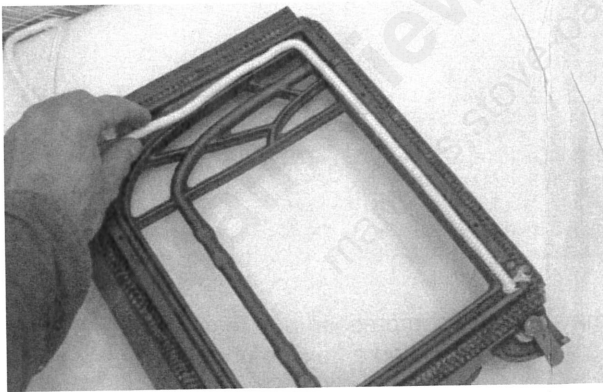
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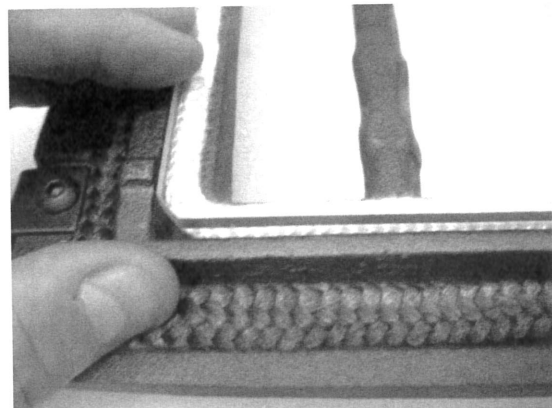
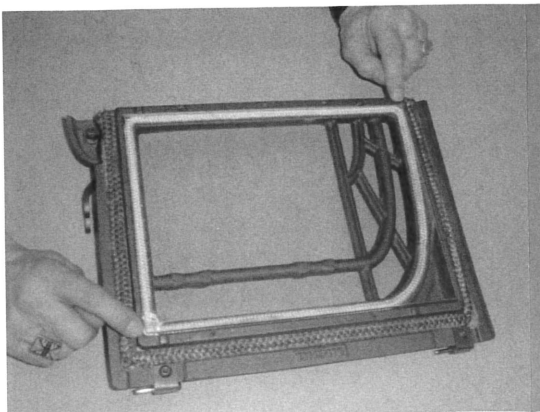
4. The next step is to drill out the existing screw holes to allow installation of the new 10-24 swaging screws. It is very important to drill only 3/8" into the cast iron – no deeper. To do this, place a strip of tape over the drill bit 3/8" from the shoulder (not the tip) of the drill bit (see the illustration below to the left). Carefully drill out the existing holes to 11/64" diameter. Turn the door upside down to removal all drill shavings.



5. Place the new glass gasket in place. Start at the bottom corner and route the gasket upwards around the gasket channel on the door. Cut the gasket after the correct length is determined.
NOTE: Do not stretch the gasket, this will make it thinner and not allow for proper compression.



6. Place the glass into the door. Make sure the edge of the glass is evenly spaced from the door edge.
NOTE: While attaching the glass clips, pay attention to the glass placement. If it becomes out of center, or starts to contact the door casting, re-position the glass to provide proper alignment.

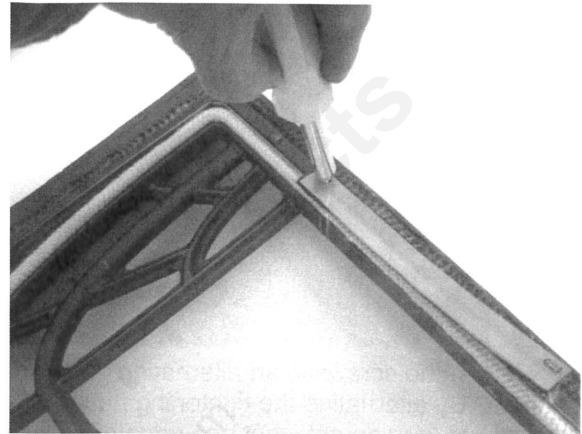
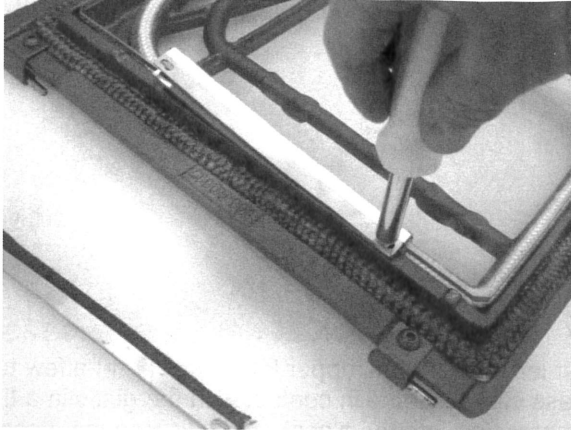




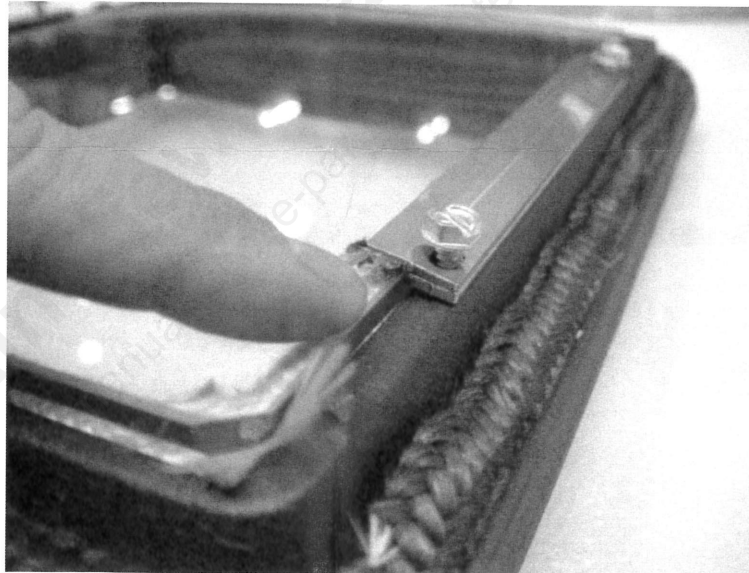
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- Place the glass clips and spacers in place (the spacer fits between the clip and door, the glass clip is placed so the gasket contacts the glass). Insert one screw into the glass clip and tighten a few turns (do not fully tighten at this time). Repeat this step with the screw on the opposite corner. **DO NOT USE POWER TOOLS.**



NOTE: Make sure the glass spacer does not contact or overlap the glass (see the photo below). If the spacer contacts the glass, it may crack the glass during installation.



NOTE: If the screw strips out the hole in the cast iron door, move the clip and re-drill a hole $\frac{1}{4}$ " above the current hole location (use the clip to locate the holes and a center-punch to mark hole location).

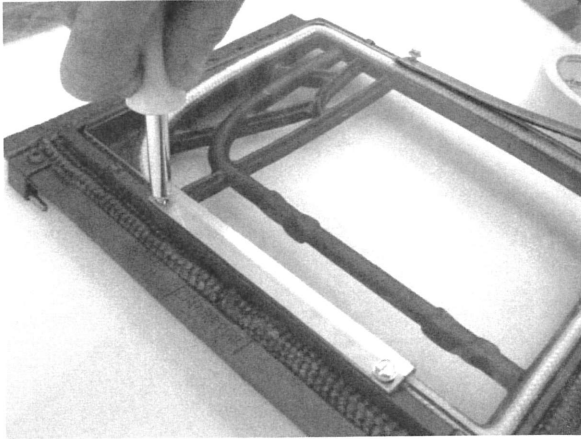


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8. Install the two remaining screws into the glass clip a few turns (do not fully tighten at this time).



9. Tighten the screws in an alternating pattern (lower left, upper right, upper left, lower right) a few turns at a time. By alternating the tightening pattern, the glass clip will come in contact with the glass in a flat manner (you do not want one edge of a glass clip pressing into the glass). Fully tighten the glass clips using the alternating pattern (the heads of the screws will bottom out on the glass clips).
10. Replace the doors on the stove to finalize the installation.

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