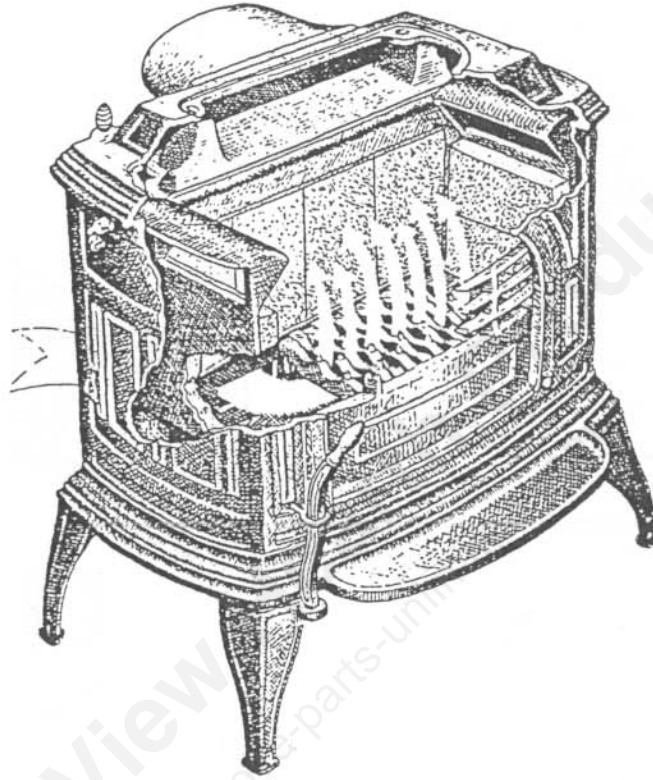
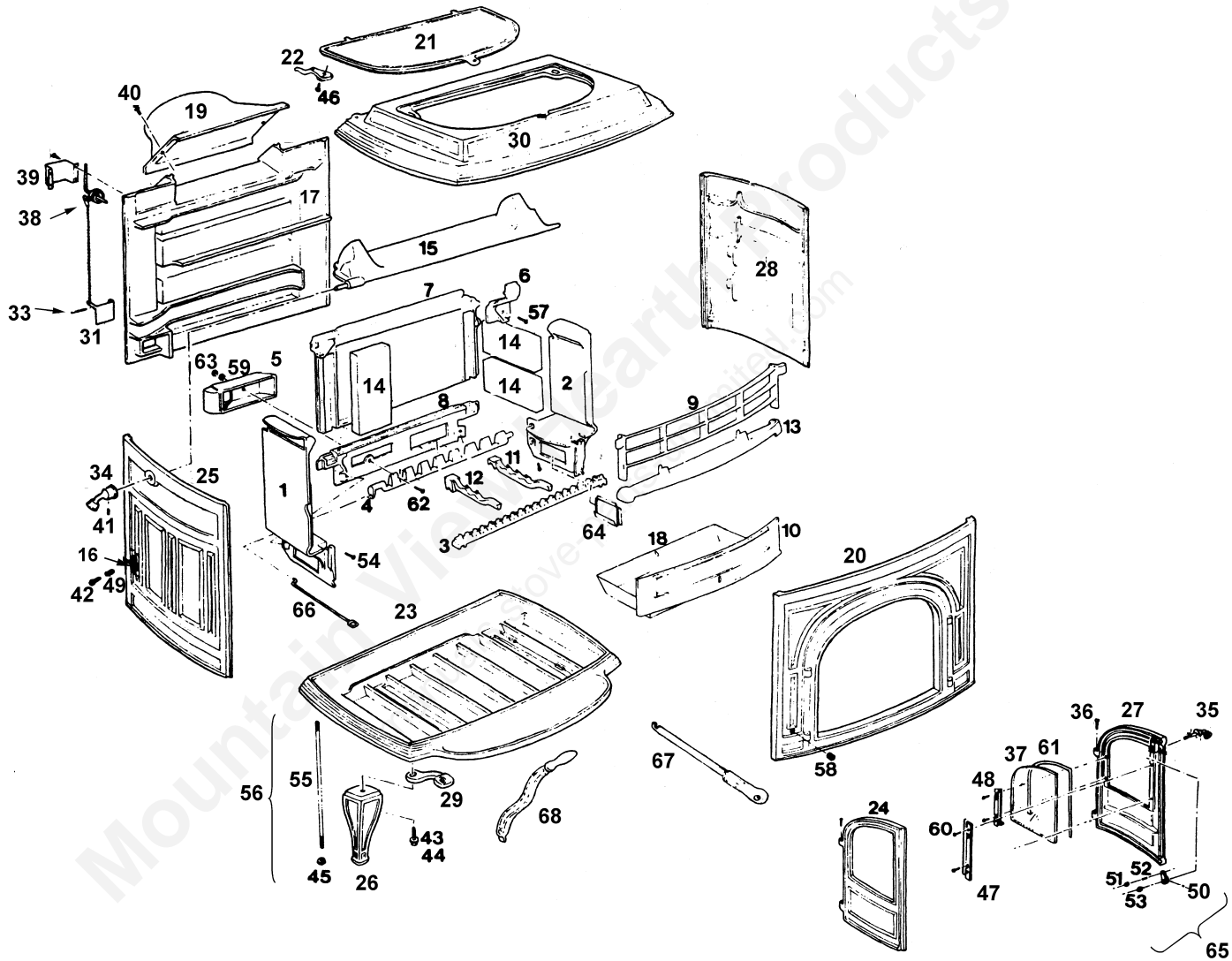


VIGILANT 1400 COAL STOVE



SERVICE MANUAL

VIGILANT COAL STOVE MODEL #1400



VIGILANT COAL STOVE

MODEL# 1400 VIGILANT COAL STOVE
ALSO CALLED MULTIFUEL STOVE

FEATURES MANUFACTURED FROM 1982 THROUGH 1992
(1982 TO 1988 MULTIFUEL; 1988 TO 1992 COAL ONLY)

| ITEM # | PART # | DESCRIPTION | ITEM # | PART # | DESCRIPTION |
|--------|----------|--------------------------|--------|---------------------|----------------------------------------------|
| 1 | 130-5000 | Left Side Plate (Inner) | 35 | 500-4237 | Door Faucet Stub c/w Shaft |
| 2 | 130-5004 | Right Side Plate (Inner) | 36 | 160-0546 | Door Pin |
| 3 | 130-5009 | Front Grate Support | 37 | 140-1119 | Door Glass Panel |
| 4 | 130-5011 | Rear Grate Support | 38 | 000-4320 | Thermostat Assembly |
| 5 | 130-5015 | Air Tube | | 120-1846 | Thermostat Spring |
| 6 | 130-5018 | Damper Retainer | 39 | 160-1487 | Thermostat Cover |
| 7 | 130-5022 | Upper Fireback | 40 | 120-0907 | 1/4-20 x 1" Phillips Round Head Screw |
| 8 | 130-5025 | Lower Fireback | 41 | 120-0563 | 5/16-18 x 5/16" Allen Screw |
| 9 | 130-5029 | Front Grill | 42 | 120-1007 | 10-24 x 3/4" Slotted Truss Head Screw |
| 10 | 130-5033 | Ash Pan Front | 43 | 120-1468 | 3/8-16 x 1 3/4" Hex Hd Sc (Left Front Leg) |
| 11 | 130-5041 | High Grate Bar | 44 | 120-1443 | 3/8-16 x 1 1/4" Hex Hd Sc (Other Three Legs) |
| 12 | 130-5038 | Low Grate Bar | 45 | 120-3213 | Nut, Hex Head 1/4-20 Flex Lock |
| 13 | 130-5047 | Fettle | 46 | 120-1338 | 1/4-20 x 1/2" Hex Head Screw |
| 14 | 160-1103 | Firebrick Split | 47 | 160-1392 | Glass Clip (Long) |
| 15 | 500-0992 | Damper with Pin | 48 | 160-1391 | Glass Clip (Short) |
| 16 | 130-0671 | Secondary Air Control | 49 | 120-1846 | Compression Spring |
| 17 | 130-4277 | Back | 50 | 120-0417 | 1/4-20 x 1/4" Allen Set Screw |
| 18 | 140-0928 | Ashpan | 51 | 120-3210 | 1/4-20 Hex Nut |
| 19 | 130-4280 | Flue Collar | 52 | 120-0436 | 1/4-20 x 1" Striker Screw |
| 20 | 130-4273 | Front | 53 | 120-3290 | 3/8-16 Lock Nut |
| | 500-0945 | Front with Doors Ass'y | 54 | 120-0896 | 1/4-20 x 5/8" Phillips Round Head Screw |
| 21 | 130-0797 | Griddle | 55 | 160-1629 | Tie Rod (1) |
| 22 | 130-0809 | Griddle Quad | 56 | 500-7498 | Tie Rod Set (4) with Nuts |
| 23 | 130-4258 | Bottom | 57 | 120-1374 | 1/4-20 x 3/4" Round Head Screw |
| 24 | 130-4224 | Left Door | 58 | 120-1903 | Bushing |
| 25 | 130-4269 | Left End | 59 | 120-2446 | Washer |
| 26 | 130-3552 | Leg | 60 | 120-0983 | 10-24 x 3/8" Phillips Pan Head Screw |
| 27 | 130-4216 | Right Door | 61 | 120-3556 | Glass Gasket (2.5' per Glass Panel) |
| 28 | 130-4262 | Right End | 62 | 120-0848 | 1/4-20 x 2" Phillips Flat Head Screw |
| 29 | 130-1935 | Shaker Handle Support | 63 | 120-3229 | 1/4-20 Square Nut |
| 30 | 130-4251 | Top | 64 | 160-2202 | Clean-out Access Panel |
| 31 | 000-5800 | Thermostat Flap Assembly | 65 | 000-4384 | Latch Pawl Assembly |
| 32 | 000-4342 | Ceramic Handle Assembly | 66 | 160-0904 | Shaker Rod |
| 33 | 160-1555 | T-Stat Flap Wire | 67 | 500-5708 | Slicer/Poker |
| 34 | 500-4265 | Damper Handle Assembly | 68 | 160-0903 | Shaker Handle Sub 130-1931 |

VIGILANT COAL STOVE

INTERIOR PARTS ASSEMBLY AND DISASSEMBLY

1) Remove the Griddle and Front Doors.

The primary air tube directs incoming air from the air inlet in the back of the stove to the opening in the left side of the lower fireback. Furnace cement is used to seal the joints where the air tube meets the lower fireback.

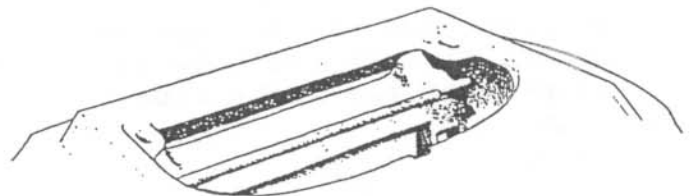
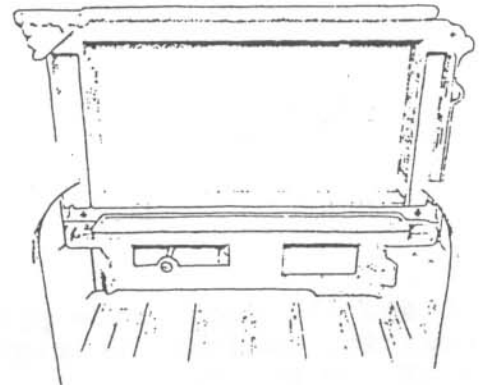
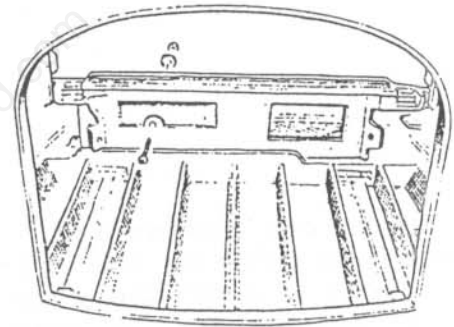
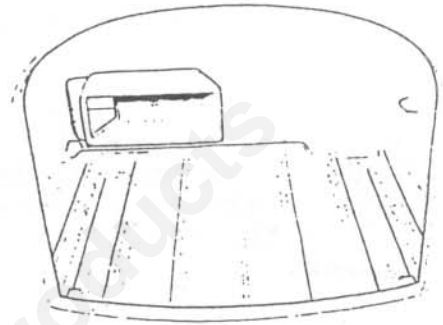
Put a generous bead of furnace cement on the back of the air tube where it will meet the back of the stove. Place the air tube in position in the back, left corner of the stove, aligning the back of the air tube with the air inlet in the back of the stove.

2) Put a generous bead of furnace cement on the back of the lower fireback where it will meet the air tube.

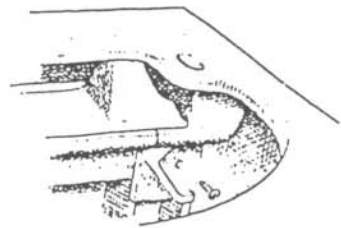
Place the lower fireback in the stove with bottom of the fireback in the groove to the rear of the bottom of the stove. Bolt the air tube to the lower fireback with a 1/4-20x2" phillips flat head machine screw, 7/8" washer and hex nut.

3. Place the upper fireback in position on top of the lower fireback.

4. Lift the damper over the fireback and pass shaft on the left end of the damper through the hole in the left end of the stove.

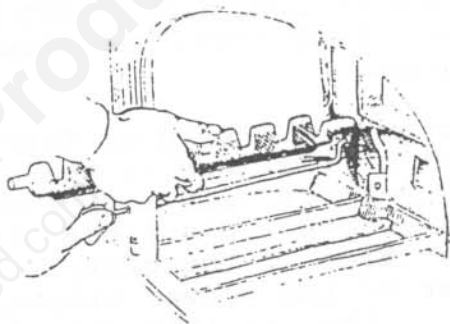


5. The damper retainer will hold the right end of the damper in position. Bolt the damper retainer to the upper fireback with a 1/4-20x5/8" phillips round head machine screw.

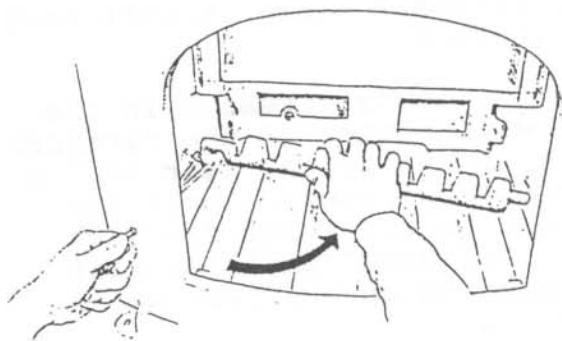


Install the damper handle.

6. Connect the hole in the left end of the rear grate support to the end of the shaker rod.

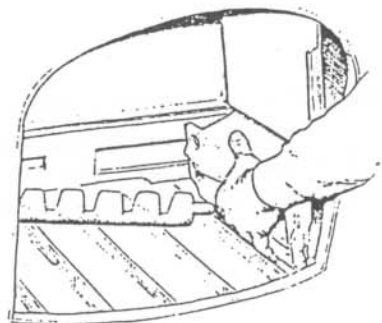


7. Turn the shaker rod counter-clockwise and swing the right end of the rear grate support to the rear of the stove.

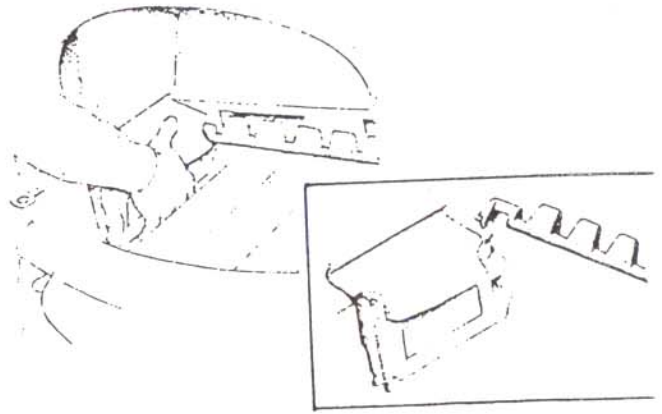


8. Place the right side plate in position against the right side of the stove.

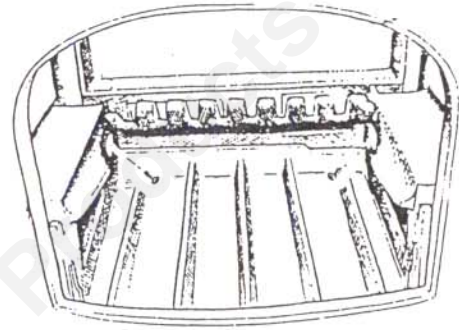
The right end of the rear gate support fits in the hole to the rear of the right side plate.



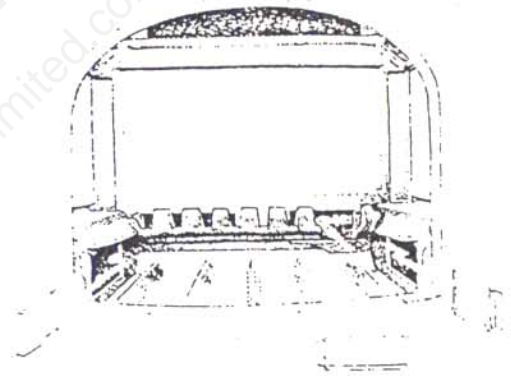
9. Place the left side inside the stove next to the left end of the stove. Put the left end of the rear grate support in the slot in the rear edge of the left side plate (see detail). Slide the left side plate the rest of the way against the left end of the stove.



10. Screw the left and right side plates to the lower fireback with 1/4-20x5/8" phillips round head machine screws.

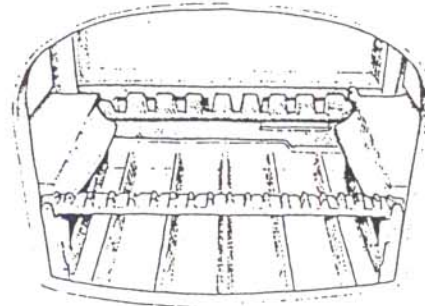


11. Install the three clean-out access covers. The three covers are identical. The end of the cover with the longer offset will go into the opening first. The cover will then be moved so the end with the shorter offset catches behind the iron.

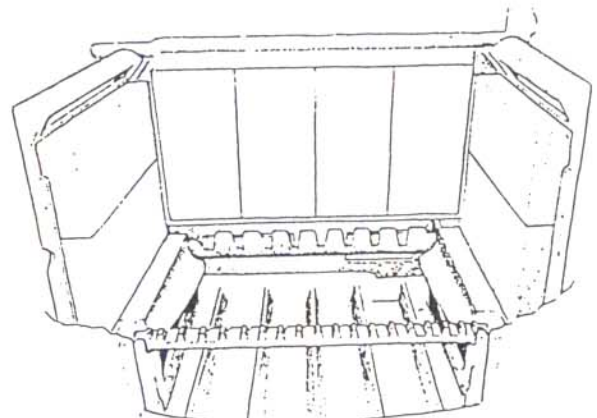


In the left side plate, first put the end of the cover with the longer offset to the rear of the opening and then slide the cover forward. In the lower fireback, the longer end is put in the right end of the opening and the cover pushed to the left.

In the right side plate, the longer end is put in the front of the opening and the cover pushed to the rear.

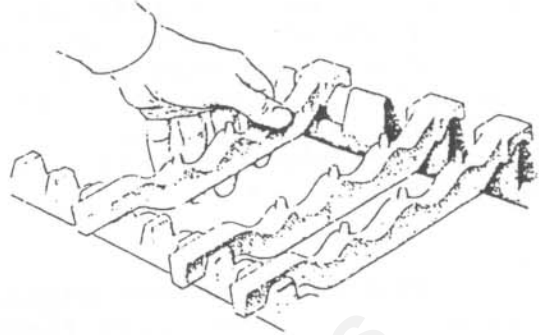


12. The ends of the front grate support rest in pockets at the front of the left and right side plates. Viewed from the top, the flat surface of the front grate support should be toward the front, and the edge with "teeth" should be toward the rear.



13. Install the eight firebricks.

14. Push the shaker rod in toward the stove and put the high grates on the front and rear grate supports.



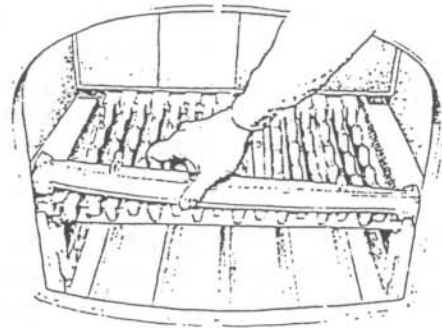
15. Pull the shaker rod away from the stove and put the low grates on the front and rear grate supports.



16. Install the ash fettle.

17. Install the front grill. Put the grill into the stove through the top of the stove with the left end down and to the rear, and the right end up and to the front.

Put the tab on the right end of the grill in the exhaust port in the right side plate. Lift the left end of the grill and slide the tab on the left end into the exhaust port in the left side plate. The bottom of the grill should be toward the front of the stove.



Move the grill toward the front of the stove. Slide the grill down at the front of the stove. The bottom of the grill will rest in the supports on the ash fettle. The ends of the grill will be in front of the side firebricks.

TO DISASSEMBLE THE INTERIOR PARTS, FOLLOW THE STEPS OF THE ASSEMBLY PROCEDURE IN THE REVERSE ORDER.

