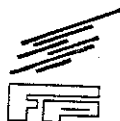


ASL 150

7 PLACE MIXING MACHINE

SERVICE MANUAL

4 1 1 0 7 2 / 4 U S A



FILLON PICHON

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FILLON PICHON USA INC.
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East Providence, RI 02920
1-800-777-1583



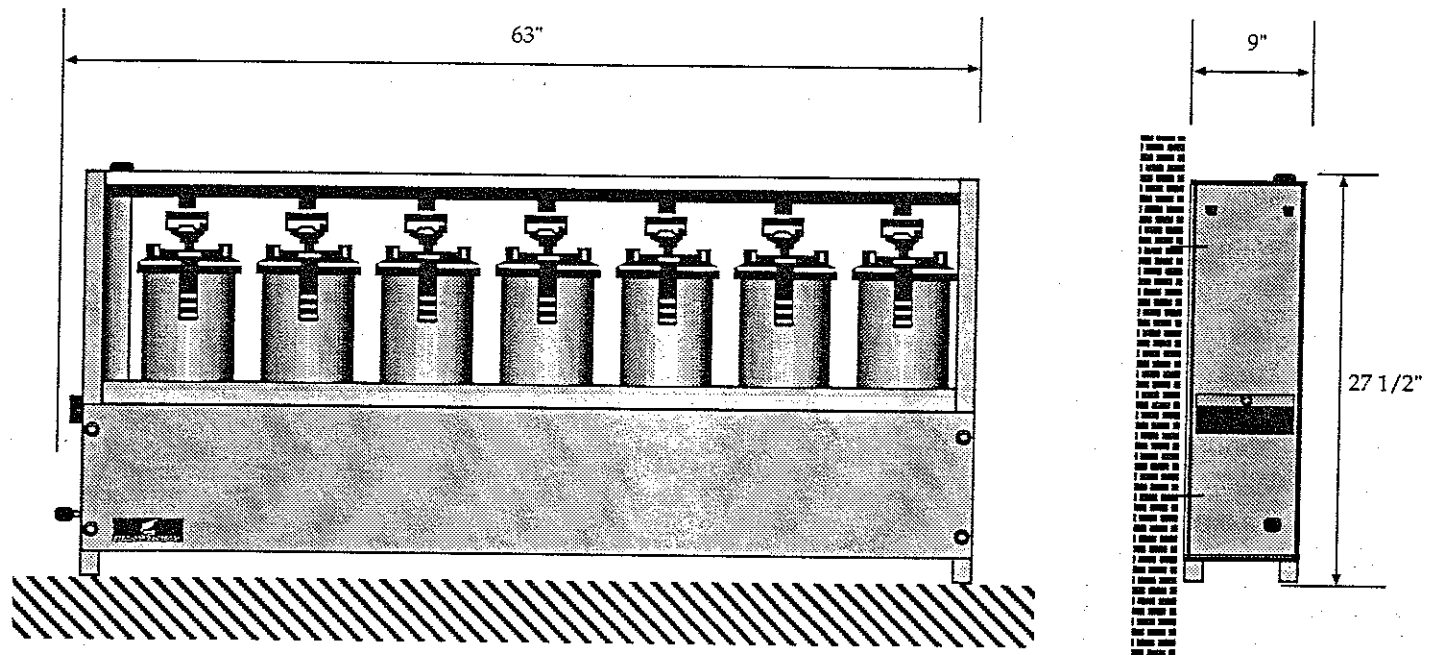
ASL150

7 PLACE MIXING MACHINE

-1-

The mix-unit should not be installed in a damp place or close to any source of heat.

Your ASL150 can be mounted on an existing work surface, or on a wall (bolt holes provided), or on the optional support module.



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ASL150

7 PLACE MIXING MACHINE

-2-

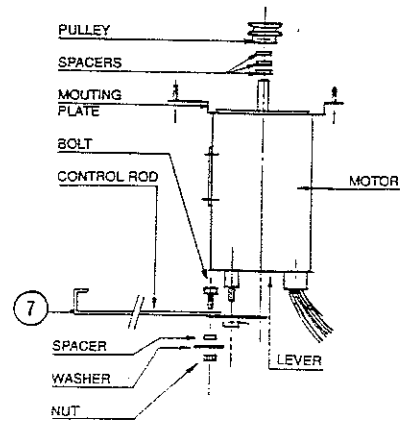
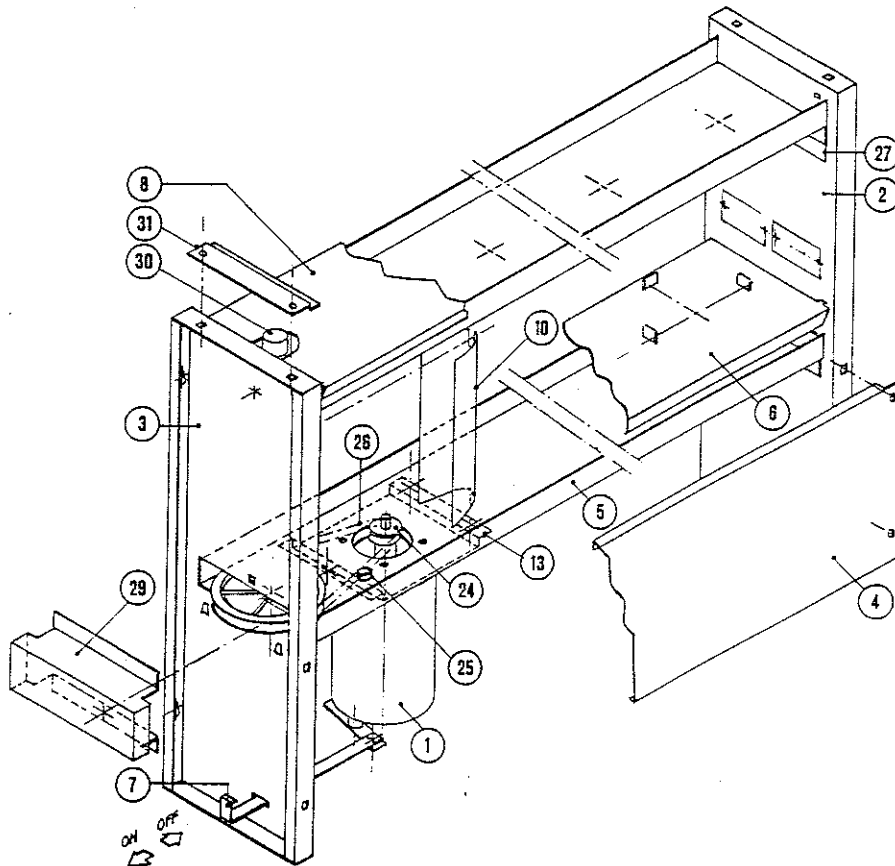


FIG 2

FIG 1

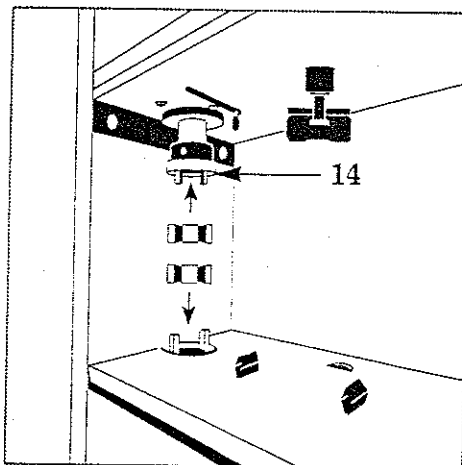


FIG 3

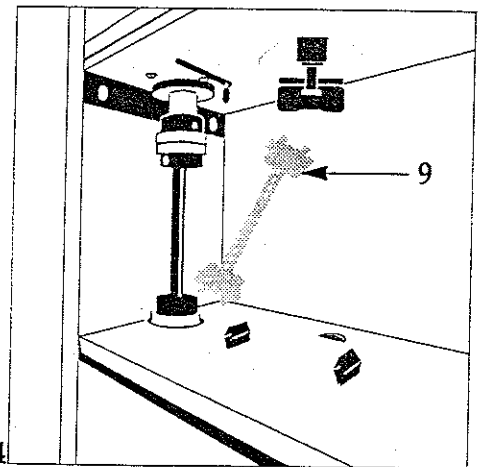
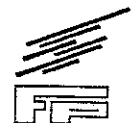
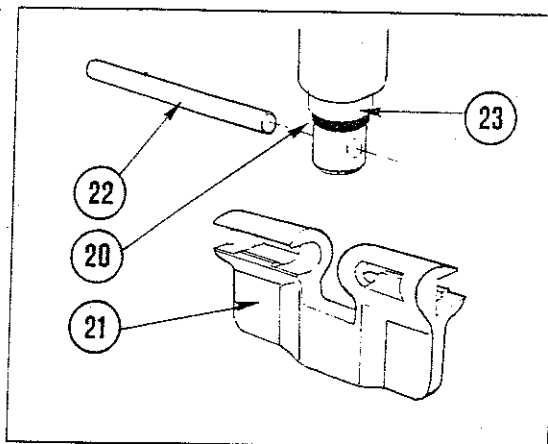
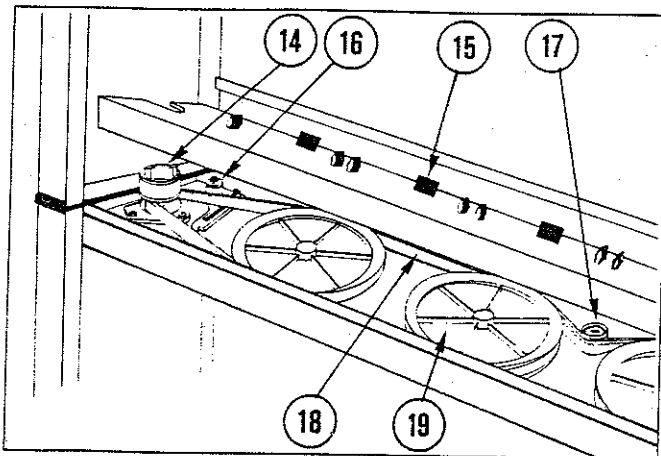


FIG 4



ELECTRICAL CONNECTIONS

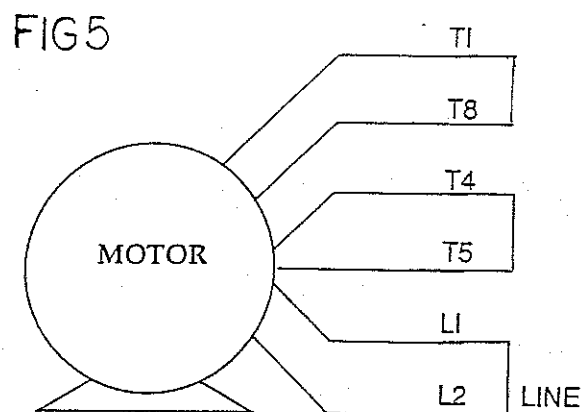
Your ASL150 is equipped with an **explosion-proof** 1/4 hp motor (115V/60Hz) which complies with UL and CSA standards (Class 1, Division I, Group D). For this reason, the motor must be installed by a **QUALIFIED ELECTRICIAN ONLY**. Installation should be in accordance with all federal, State and local regulations.

The unit must be fully grounded. A ground wire is supplied with the motor for this purpose.

The ASL150 motor has been pre-wired (connections insulated) and tested before leaving the factory. The wiring diagram (figure 5) is for use by a qualified electrician should any of the wires need to be reconnected.

The intrinsically safe digital timer is UL and CSA Approved (Class 1, Division I, Group D) for use in hazardous locations.

WIRING DIAGRAM
1/4 HP EXPLOSION-PROOF
RELIANCE ELECTRIC MOTOR
NON REVERSIBLE/ SF 1.0
115V AC/60HZ/4.4 AMPS.
CONNECTIONS SHOWN ARE
FOR A CLOCKWISE ROTATION.



External connection diagram
Single phase capacitor start with
ON/OFF switch.

COMMISSIONING

1. Before first using your mix-unit, check that:
The operator has read and understood all caution markings and text on the mix-unit and in the service manual.
2. The power supply is compatible with the power rating of the mix-unit (115V, 60Hz single phase).
3. The mains fuse/breaker is compatible with the power consumption of the machine (4.4 amps).
4. All drive shaft and slotted shelf covers are firmly in place.
5. All electrical connections are safely covered.
6. All nuts and bolts are tight. They may have worked loose in transport.
7. Belts are correctly adjusted with 3/8" total play. If they are too loose, they will slip; if too tight, you may overload the motor.
8. All belts are securely in place and running smoothly after 3 minutes of operation.
9. Can clamps are correctly mounted.
10. The unit is installed away from any source of heat (explosive vapors).
11. Do not use dented cans. Check manually that the agitator blades turn freely, before placing can in mix-unit.



OPERATION

1. Make sure that agitator lids are firmly locked in position before placing cans in mix-unit.
2. Paint cans may be safely placed in, or removed from the mix-unit during operation.

ROUTINE MAINTENANCE

CAUTIONS:

Before removing any protective covers, and prior to any maintenance or repair operation, make sure the mains power is off. (Disconnect the unit if possible).

Your mix-unit will serve you longer, and risk of accidents will be reduced, if regular maintenance is carried out.

DAILY:

Remove any spilled paint from the mix-shelves. Dried paint spills may make cans unstable and difficult to remove from the shelves. Use a standard, non-abrasive thinner. Never use water to wash down the mix-unit.

Be careful not to spill thinners on belts or pulleys.

MONTHLY:

Check condition and tension of the mix-shelf belts and the motor drive belt. Check drive shafts: tighten screws if necessary.

SHELF AND MOTOR BELT ADJUSTMENT:

To adjust mechanical shelf belt (figure 6) or motor belt.

1. Loosen wing nut A.
2. Tension belt by pulling (pushing for motor belt) slider B.
3. Hold slider and retighten nut A.

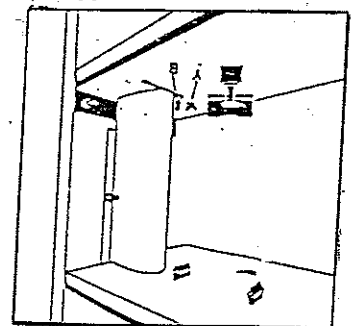
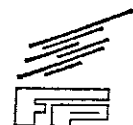


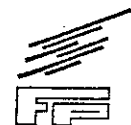
FIG 6

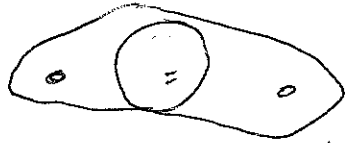


SUMMARY OF CAUTIONS

1. The mix-unit should be installed in a damp-free place, away from any source of heat.
2. Installation of the mix-unit, as well as any check, adjustment or repair of any electrical component (motor, connections, etc.) should be carried out only by a FULLY QUALIFIED ELECTRICIAN. Installation must be in accordance with all Federal, State and local regulations, and the mix unit should be fully grounded.
3. All electrical connections should be fully covered at all times.
4. Protective covers should always be in position. They are provided to protect you against any possible risk of injury.
5. Before removing any protective covers, and prior to any maintenance or repair operation, make sure the mains power is switched off (unit fully disconnected if possible).
6. Do not use dented cans. Check manually that the agitator blades turn freely before placing cans in mix-unit.
7. Make sure the agitator lids are firmly secured before placing cans in mix-unit.
8. Make sure that the cans are securely in place before switching the mix-unit on.
9. Do not over-extend when placing or removing cans from the mix-unit.
10. The mains fuse/breaker must be compatible with the power consumption of the machine (4.4 Amps).

The manufacturer cannot be held responsible for any accident resulting from non-compliance with the cautions contained in this manual or affixed to the mix-unit, nor in the case of a mix-unit modified without the prior knowledge and consent of the manufacturer.





CAST
ALUMINUM
2 Rivets
bottom of mech. shelf.
holds brass bushings

ASL150 BUSHING REPLACEMENT

The easiest way to approach changing the bushings is to (1) remove the driving device (plastic flapper) and pin, then (2) by using a screwdriver and a hammer- drive the bottom bushing out from the top (locate the lip then strike it), and the top bushing from the bottom.

If you have already removed the rivets, (1) remove the flapper and pin, then (2) by using a rubber mallet, pop the shaft upwards and the bushings and lock ring will fall out.

If you need more assistance, please call 1-800-777-1583 and ask for Carlos in the Technical Department or have him paged.

Thank you for choosing Fillon Pichon products.

ASL150

7 PLACE MIXING MACHINE

-7-

ITEM	DESCRIPTION	CODE
1	Explosion-proof 1/4 hp motor	06 01 80
2	Side panel (RH)	11 42 108
3	Side panel (LH)	11 42 109
4	Motor protection plate	19 53 01
5	Motor shelf	12 101 10
6	Slotted shelf 7x1 gallon	13 31 09
7	Control rod and fittings	20 41 42D
8	Top shelf cover	13 31 03
9	Driveshaft with sleeves (gal.)	08 50 65
10	Driveshaft cover gallon	19 09 204
11	Cross piece	04 20 01
12	Ground wire	06 50 04
-	Hardware	-
13	Motor support braket	20 56 10
14	Standard drive block	08 17 00
15	Bag of 25 can clamps	04 01 29E
16	Adjustable tension regulator	08 72 00
17	Fixed belt roller	08 71 00
18	Mechanical shelf belt	03 01 35
19	Mechanical shelf pulley (gal.)	04 20 03
20	Self-lubricating ring	03 04 01
21	Drive plate	04 20 07
22	Pin	04 01 39
23	Lock ring	09 90 17
24	Motor pulley	05 01 225
25	Motor belt regulator assembly	08 66 00
26	Motor belt	03 01 43
27	Plastic shelf belt	04 20 16
28	Tool kit	08 50 48
29	Driven pulley safety cover	19 55 00
30	yellow safety cap	03 09 15
31	Lock plate for top shelf cover	13 55 09



WARRANTY

FILLON PICHON USA, Inc. warrants its products to be free from defects in material and workmanship under normal use and service.

FILLON PICHON USA, Inc. will replace or repair any part of its product which it determines defective for a period of 18 months after shipment from our warehouse. Not included under the terms of this warranty are any parts which require replacement due to normal wear and tear (belts, fuses, etc...).

All warranty claims should be made by contacting Fillon Pichon USA, Inc. Under no circumstances should the product(s) or any part thereof be returned to the factory for inspection, replacement or repair without the express written consent of Fillon Pichon USA, Inc.

This warranty is expressly in lieu of all other warranties and representations expressed or implied, and all other obligations and liabilities on the part of FILLON PICHON USA, Inc.

This warranty shall be valid for the warranty period, as long as the equipment has been properly installed or repaired by a fully qualified electrician or mechanic. The warranty shall be void, if the equipment has been subjected to unauthorized modifications, misuse, neglect, accident, or non-compliance with instructions in this service manual.

