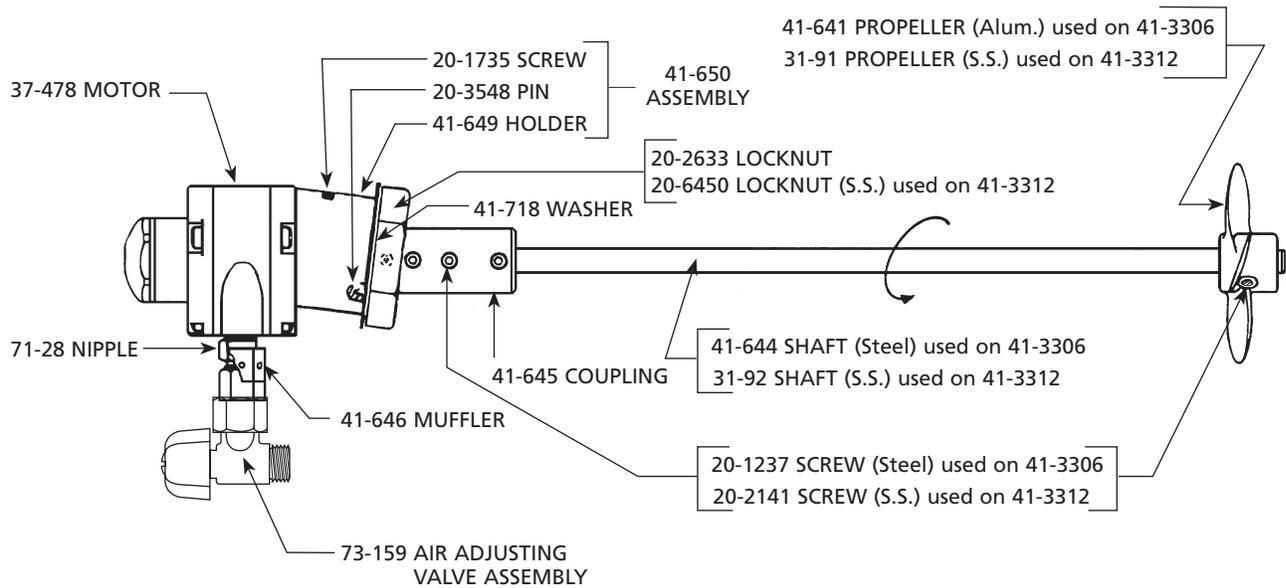


Binks Models 41-3306 and 41-3312 AGITATOR ASSEMBLIES



PARTS LIST

(When ordering, please specify Part No.)

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
20-1237	SOC. HD. SET SCREW..... 5 1/4-20 x 1/4" Long (41-3306 Steel)	5	41-644	SHAFT (41-3306 Steel)	1
20-1735	SOC. HD. SET SCREW 1/4-20 x 3/8" Long	1	41-645	COUPLING	1
20-2002	HEX WRENCH 1/8 (Not Shown)	1	41-646	MUFFLER.....	1
20-2141	SOC. HD. SET SCREW..... 5 1/4-20 x 1/4" Long (41-3312 Stainless Steel)	5	41-649	HOLDER.....	1
20-2633	LOCK NUT 1 NPS.....	1	41-650	HOLDER ASSEMBLY	1
20-3548	PIN	1	41-718	REDUCING WASHER.....	1
31-91	PROPELLER..... 1 3-1/8" Dia. (41-3312 Stainless Steel)	1	71-28	D.M. NIPPLE	1
31-92	SHAFT (41-3312 Stainless Steel).....	1	71-1109	HOSE ASSEMBLY..... 1 (41-3312 Only) (Not Shown)	1
37-478	AIR MOTOR.....	1	73-159	AIR ADJUSTING VALVE ASSEMBLY	1
41-641	PROPELLER 3-1/8" Dia. (41-3306 Aluminum) ...	1			

NOTE: See page 3 for Model 37-478 Air Motor.

In this part sheet, the words **WARNING**, **CAUTION** and **NOTE** are used to emphasize important safety information as follows:

⚠ WARNING
 Hazards or unsafe practices which could result in severe personal injury, death or substantial property damage.

⚠ CAUTION
 Hazards or unsafe practices which could result in minor personal injury, product or property damage.

NOTE
 Important installation, operation or maintenance information.

⚠ WARNING

Read the following warnings before using this equipment.



READ THE MANUAL
 Before operating finishing equipment, read and understand all safety, operation and maintenance information provided in the operation manual.



WEAR SAFETY GLASSES
 Failure to wear safety glasses with side shields could result in serious eye injury or blindness.



DE-ENERGIZE, DEPRESSURIZE, DISCONNECT AND LOCK OUT ALL POWER SOURCES DURING MAINTENANCE
 Failure to De-energize, disconnect and lock out all power supplies before performing equipment maintenance could cause serious injury or death.



OPERATOR TRAINING
 All personnel must be trained before operating finishing equipment.



EQUIPMENT MISUSE HAZARD
 Equipment misuse can cause the equipment to rupture, malfunction, or start unexpectedly and result in serious injury.



KEEP EQUIPMENT GUARDS IN PLACE
 Do not operate the equipment if the safety devices have been removed.



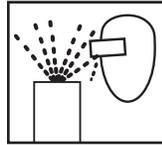
HIGH PRESSURE CONSIDERATION
 High pressure can cause serious injury. Relieve all pressure before servicing. Spray from the spray gun, hose leaks, or ruptured components can inject fluid into your body and cause extremely serious injury.



PRESSURE RELIEF PROCEDURE
 Always follow the pressure relief procedure in the equipment instruction manual.



ELECTRIC SHOCK/GROUNDING
 Improper grounding or sparks can cause a hazardous condition and result in fire, explosion or electric shock and other serious injury.



PROJECTILE HAZARD
 You may be injured by venting liquids or gases that are released under pressure, or flying debris.



INSPECT THE EQUIPMENT DAILY
 Inspect the equipment for worn or broken parts on a daily basis. Do not operate the equipment if you are uncertain about its condition.



NEVER MODIFY THE EQUIPMENT
 Do not modify the equipment unless the manufacturer provides written approval.



FIRE AND EXPLOSION HAZARD
 Improper equipment grounding, poor ventilation, open flame or sparks can cause hazardous conditions and result in fire or explosion and serious injury.



KNOW WHERE AND HOW TO SHUT OFF THE EQUIPMENT IN CASE OF AN EMERGENCY



STATIC CHARGE
 Fluid may develop a static charge that must be dissipated through proper grounding of the equipment, objects to be sprayed and all other electrically conductive objects in the dispensing area. Improper grounding or sparks can cause a hazardous condition and result in fire, explosion or electric shock and other serious injury.



PROP 65 WARNING
 WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

FOR FURTHER SAFETY INFORMATION REGARDING BINKS AND DEVILBISS EQUIPMENT, SEE THE GENERAL EQUIPMENT SAFETY BOOKLET (77-5300).

Binks Model 37-478 VERTICAL AIR MOTOR

SPEED

The speed of the air motor is regulated by the 73-159 air adjusting valve. The speed of the propeller shaft will be determined by the fluid, but it should never be run faster than 3,000 RPM.

AIR SUPPLY

The air supply leading to the motor should have a minimum of 60 and a maximum of 100 PSI gauge pressure for best results. Use air filter and moisture trap.

PREVENTIVE MAINTENANCE AIR MOTOR LUBRICATION

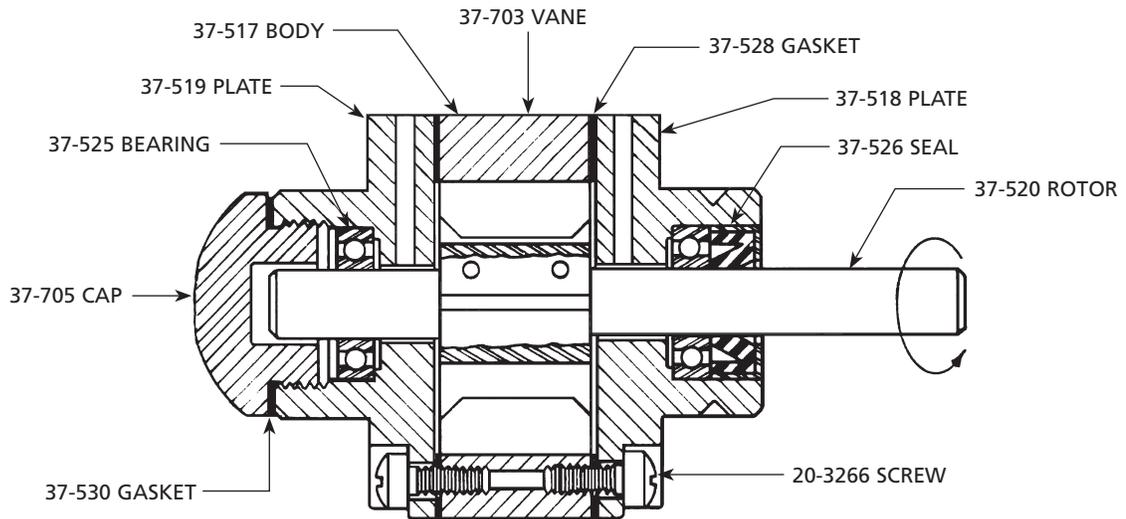
⚠ CAUTION

Failure to properly lubricate the air motor will result in premature motor failure and will void warranty.

Lubricate air motor daily by adding 4 or 5 drops of SAE 10 weight oil into **air inlet fitting**. For convenience, an automatic oiler may be connected to the air inlet.

⚠ CAUTION

Avoid any end or side thrust on the shaft when coupling the motor to a driven member. Especially, do not hammer on shaft itself or on the coupling. This can cause internal damage to vanes, bearings and housing surfaces.



PARTS LIST

(When ordering, please specify Part No.)

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
20-3266	FIL. HD. MACHINE SCREW..... 10-32 x 3/8" Long	10	37-528*	END PLATE GASKET	2
37-517	BODY	1	37-705	DEAD END CAP	1
37-518	DRIVE END PLATE	1	37-519	DEAD END PLATE.....	1
37-520	ROTOR ASSEMBLY	1	37-530*	END CAP GASKET	1
37-525*	BEARING.....	2	37-703*	VANE	4
37-526*	SHAFT SEAL.....	1			

*Also available in 6-196 Repair Kit.

WARRANTY

This product is covered by Binks' 1 Year Limited Warranty.

Binks Sales and Service: www.binks.com



U.S.A./Canada Customer Service
195 Internationale Blvd.
Glendale Heights, IL 60139
630-237-5000

Toll Free Customer Service
and Technical Support
800-992-4657
Toll Free Fax
888-246-5732

77-1474R-16 Revisions: (P4) Updated
contact information.