

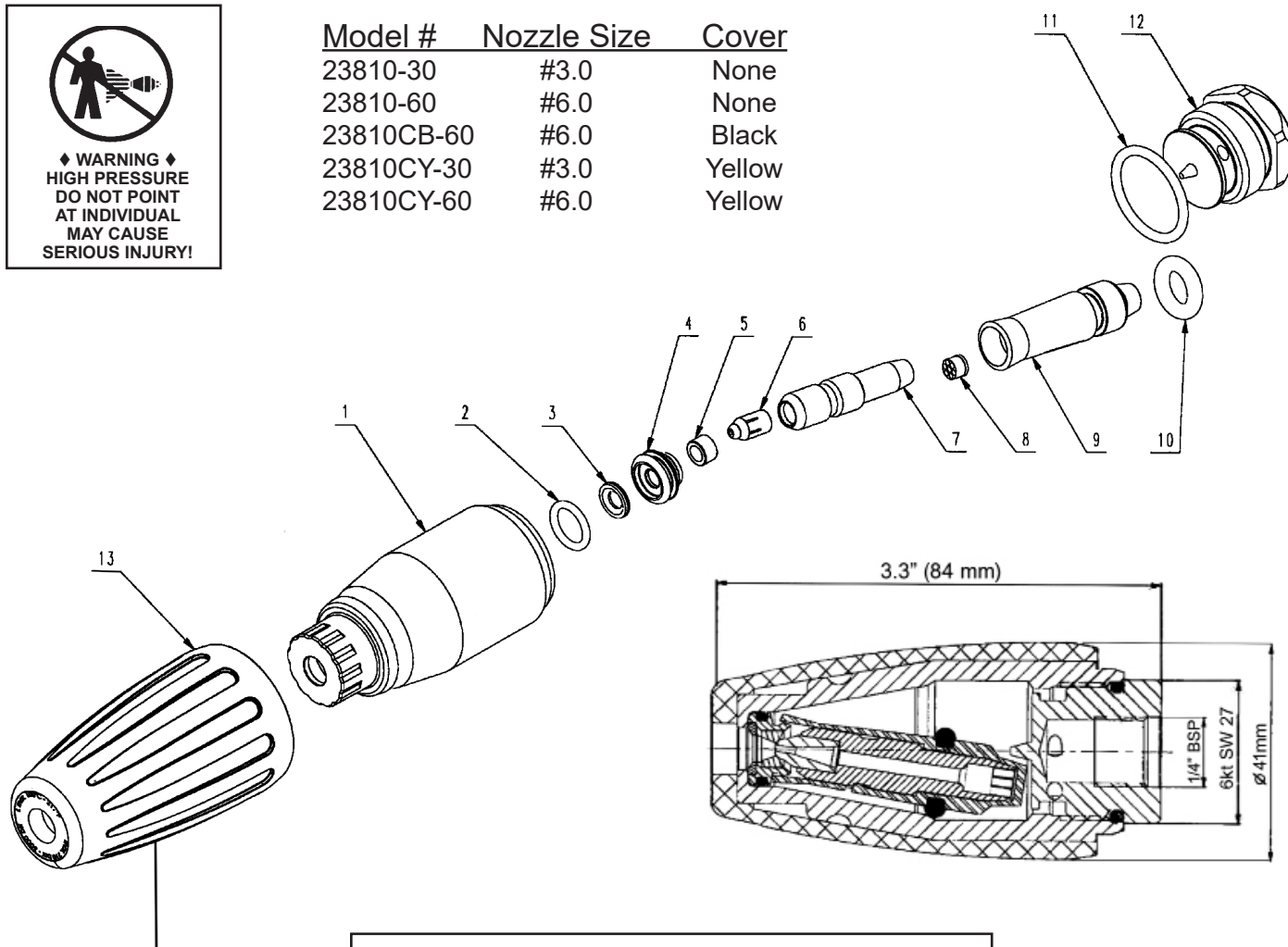
Series 23810

Turbo Nozzle



◆ WARNING ◆
HIGH PRESSURE
DO NOT POINT
AT INDIVIDUAL
MAY CAUSE
SERIOUS INJURY!

Model #	Nozzle Size	Cover
23810-30	#3.0	None
23810-60	#6.0	None
23810CB-60	#6.0	Black
23810CY-30	#3.0	Yellow
23810CY-60	#6.0	Yellow



Optional - Add "C"
to the part number

Operating Conditions

Maximum Pressure:	3000 PSI (200 Bar)
Maximum Temperature:	195 °F (90 °C)
Angle:	20°
Weight:	0.7 lbs. (0.3 kg)
Inlet:	1/4" BSP

Maintenance Notice

If turbo will not spin, take unit apart and clean the nozzle. If turbo still will not spin, have an authorized distributor repair nozzle.

Repair Kits

Kit #	Model #	Nozzle	Includes
09730-30	23810-30	3.0	2-11
09730-60	23810-60	6.0	2-11

SERIES 23810 TURBO LASER REPAIR INSTRUCTIONS

Before repairing the turbo laser, please note that item number (2) is not interchangeable with different size nozzles. Part #09730-XX corresponds to a specific nozzle size (see information on front page).

- 1) Secure casing (1) and remove drive plug (12) with a 24mm wrench. Check O-ring (11) for damage and replace if necessary.
- 2) Remove rotor assembly (5-10). Make sure strainer (8), rotor (6), and "jet-hole" in drive plug (12) are free of obstructions. If necessary, replace with new assembly from kit.
- 3) Using a 5/16" wooden dowel rod, press out seat assembly (2-4). If cracked or worn, replace with items found in kit.
- 4) To reassemble, press seat assembly (2-4) into the top of the casing (1). Make sure it is firmly seated at the top. Replace rotor assembly (5-10) and drive plug (12) with O-ring (9). Tighten securely.
- 5) Gently shake the nozzle to ensure movement of rotor assembly (5-10).



WARNING: This product might contain a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm.
For more information go to www.P65Warnings.ca.gov



GIANT INDUSTRIES, INC., 900 N. Westwood Ave., P.O. Box 3187, Toledo, Ohio 43607
PHONE (419) 531-4600, FAX (419) 531-6836, www.giantpumps.com
© Copyright 2012 Giant Industries, Inc.

05/12 23810.INDD