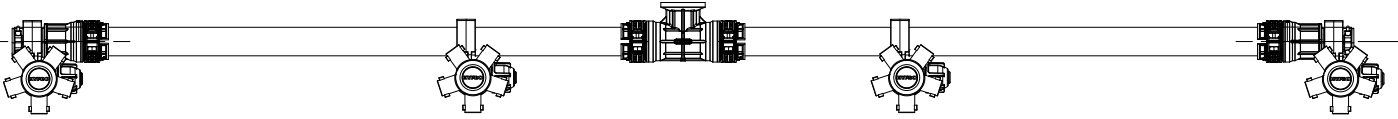

Original Instruction Manual

Hypro® Series 2410 Express Boom Assembly

Rev. A



Contents

Maintenance and Servicing.....	1
Information.....	1
Disposal.....	2
Cleaning.....	2
Maintenance, Routine Servicing, and Inspection.....	2
Replacement Parts.....	3
Warranty.....	4

Maintenance and Servicing

Information

- All maintenance should be done when machinery is stationary and has been isolated from its energy sources. It is dangerous to perform maintenance while machinery is still connected to its power source. Machinery should be isolated from its electrical, hydraulic or gas engine power source.
- Be sure to release all pressure from the system before performing any sort of maintenance on a Hypro spray boom assembly.

Any hazardous liquids should be disposed of in a manner which complies with local and national regulations. Never dump fluids onto the ground.

Pentair

375 5th Ave., New Brighton, MN 55112

Phone: (651)766-6300 -OR- 800-424-9776 Fax: 800-323-6496

www.hyprospraytips.com

Disposal

When disposing of a Hypro spray boom assembly be sure to remove all fluids before scrapping. These fluids should be disposed of in a manner which complies with local and national regulations. Never dump fluids onto the ground. Once the spray boom assembly is free of all fluids, it may be scrapped in accordance with local and national laws.

Cleaning

Spray boom assemblies will last longer and give best performance when properly taken care of. Proper spray boom assembly care depends on the liquid being used. After each use, flush spray boom assembly with a neutralizing solution for the liquid pumped. Follow with a clean water rinse. This is especially important for corrosive chemicals. It is good practice to clean the spray boom assembly after each use to prevent deposits from forming and damaging the assembly. For infrequent use and before long periods of storage, drain spray boom assembly thoroughly. Open any drain plugs, remove suction hose from liquid, and blow spray boom assembly dry with air.

Maintenance, Routine Servicing, and Inspection

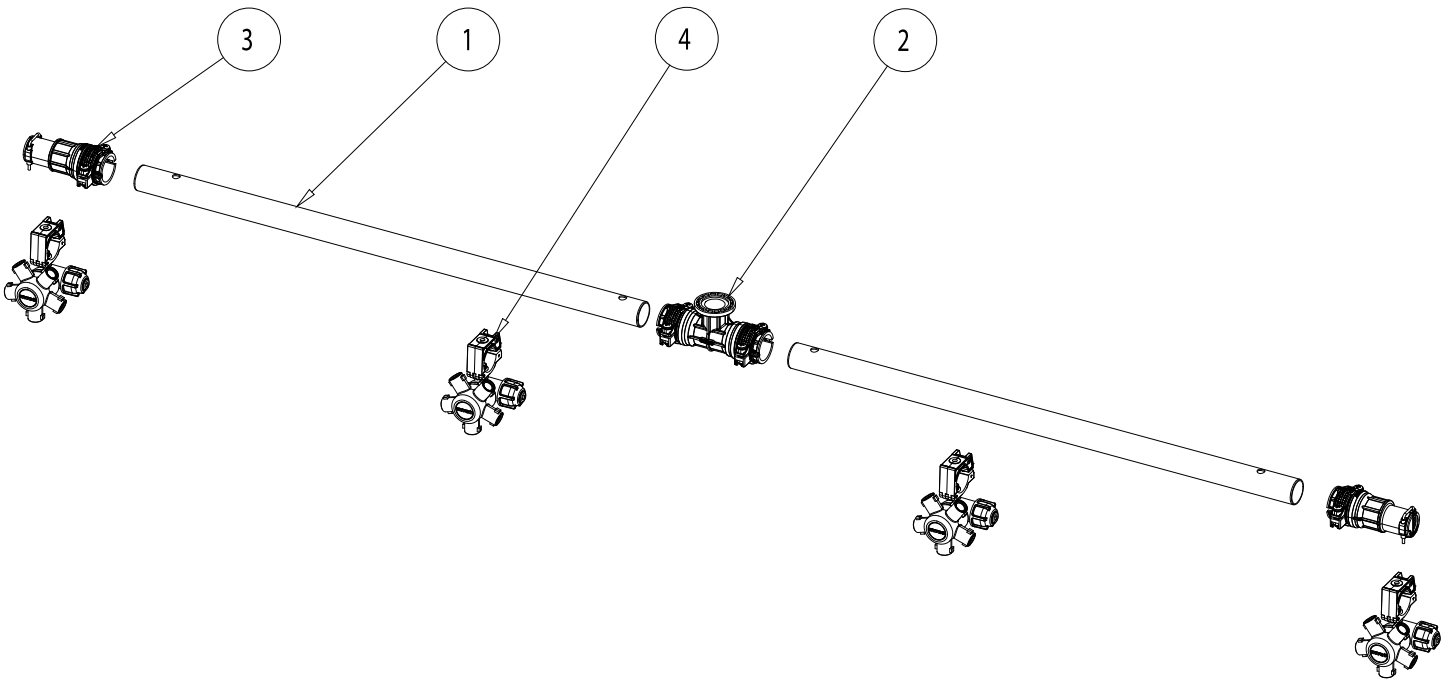
PREVENTATIVE MAINTENANCE CHECKLIST

Check	Daily	Weekly
Water Leaks	X	
Plumbing		X

- Each system's maintenance cycle will be exclusive. If system performance decreases, check immediately.
- Duty cycle, temperature, quality, type of fluid being pumped, and inlet feed conditions all affect the life of spray boom assemblies and service cycle.

Replacement Parts

The following drawing shows a spray boom assembly and replacement parts. Only genuine replacement parts should be used. Failure to follow this warning can result in damage to property, serious injury or death.



Ref No.	Qty. Req'd	Part Number	Description
1	2	N/A	PIPE 1 IN DIAMETER 20" SPACING
2	1	BG-7433-2503	EXPRESS TEE X 1" UNIVERSAL FLANGE
3	2	BG-7433-3316	EXPRESS NOZZLE BODY END CAP 1"
4	4*	4223N-B524-00	5-WAY PROFLO NOZZLE BODIES

*Nozzle body quantity will change depending on boom assembly length.

Limited Warranty on Hypro/Shurflo Agricultural Pumps & Accessories

Hypro/Shurflo (hereafter, "Hypro") agricultural products are warranted to be free of defects in material and workmanship under normal use for the time periods listed below, with proof of purchase.

- Pumps: one (1) year from the date of manufacture, or one (1) year of use. This limited warranty will not exceed two (2) years, in any event.
- Accessories: ninety (90) days of use.

This limited warranty will not apply to products that were improperly installed, misapplied, damaged, altered, or incompatible with fluids or components not manufactured by Hypro. All warranty considerations are governed by Hypro's written return policy.

Hypro's obligation under this limited warranty policy is limited to the repair or replacement of the product. All returns will be tested per Hypro's factory criteria. Products found not defective (under the terms of this limited warranty) are subject to charges paid by the returnee for the testing and packaging of "tested good" non-warranty returns.

No credit or labor allowances will be given for products returned as defective. Warranty replacement will be shipped on a freight allowed basis. Hypro reserves the right to choose the method of transportation.

This limited warranty is in lieu of all other warranties, expressed or implied, and no other person is authorized to give any other warranty or assume obligation or liability on Hypro's behalf. Hypro shall not be liable for any labor, damage or other expense, nor shall Hypro be liable for any indirect, incidental or consequential damages of any kind incurred by the reason of the use or sale of any defective product. This limited warranty covers agricultural products distributed within the United States of America. Other world market areas should consult with the actual distributor for any deviation from this document.

Return Procedures

All products must be flushed of any chemical (ref. OSHA section 1910.1200 (d) (e) (f) (g) (h)) and hazardous chemicals must be labeled/tagged before being shipped* to Hypro for service or warranty consideration. Hypro reserves the right to request a Material Safety Data Sheet from the returnee for any pump/product it deems necessary. Hypro reserves the right to "disposition as scrap" products returned which contain unknown fluids. Hypro reserves the right to charge the returnee for any and all costs incurred for chemical testing, and proper disposal of components containing unknown fluids. Hypro requests this in order to protect the environment and personnel from the hazards of handling unknown fluids.

Be prepared to give Hypro full details of the problem, including the model number, date of purchase, and from whom you purchased your product. Hypro may request additional information, and may require a sketch to illustrate the problem.

Contact Hypro Service Department at 800-468-3428 to receive a Return Merchandise Authorization number (RMA#). Returns are to be shipped with the RMA number clearly marked on the outside of the package. Hypro shall not be liable for freight damage incurred during shipping. Please package all returns carefully. All products returned for warranty work should be sent **shipping charges prepaid** to:

HYPRO / PENTAIR
Attention: Service Department
375 Fifth Avenue NW
New Brighton, MN 55112 USA

For technical or application assistance, call the **Hypro Technical/Application number: 800-445-8360**, or send an email to: **technical@hypropumps.com**. To obtain service or warranty assistance, call the **Hypro Service and Warranty number: 800-468-3428**; or send a fax to the **Hypro Service and Warranty FAX: 651-766-6618**.

*Carriers, including U.S.P.S., airlines, UPS, ground freight, etc., require specific identification of any hazardous material being shipped. Failure to do so may result in a substantial fine and/or prison term. Check with your shipping company for specific instructions.

