



### Inside

**Page 2**  
*Cylinder  
Replacement  
Pocket Guide*

**Page 3**  
*Adjustment  
Lock*

**TRAM/TOW**  
*Tag Error*

**ATTENTION:**  
*Western  
Customers*

**Page 4**  
*Meet Our  
Employees  
Your E-Mail*

*Website*

### **IMPORTANT NOTICE**

We are currently compiling a list of those who would prefer to receive the Fletcher Product Newsletter by E-Mail. If you are interested, please email [krowe@jhfletcher.com](mailto:krowe@jhfletcher.com). Include your name, address, phone number, company and job title..

## Technology at Work Worldwide



J. H. Fletcher & Co. rolled out an impressive display of underground mining equipment, showcasing product development and new technology at MinExpo 04.

For our coal mining customers, we featured several new advancements and options on our venerable model RR-II. Everyone took note of the material handling system with pre-loaded supply trays that can be quickly changed with the installed winch system. Radio tram allows extra chassis space and access to rear load both trays while giving the operator better visibility when place changing. With four years

of favorable experience using the material handling system on the HDDR, this will be the standard for bolting machines in years to come. A new crawler design, manual control interlocks, feedback semi-automated control, TRS improvements and more were all on display.

Thanks so much to our customers who came by and talked with us. If you didn't get the chance to visit our display, please contact us and we will be glad to show you what J. H. Fletcher & Co. has to offer for your roof control and drilling equipment needs. J. H. Fletcher & Co. is excited to be growing in and growing with the mining industry. We enjoyed sharing our excitement with you at MinExpo 04.



## The National Mining Association (NMA)

### **Fewest Fatalities in Four Years Comes Amid Record-Breaking Demand**

In a recent press release, the National Mining Association reported: "In 2004 the U.S. coal and mineral/metals industry achieved a new safety record for the fewest fatalities and injuries in modern history, according to the Mine Safety and Health Administration (MSHA). The 53 fatalities bested the previous record in 2003, making 2004 the fourth consecutive year of declining fatalities in the nation's coal and mineral mines."

"A single fatality is one too many, but we continue to be encouraged by the trend of steadily safer conditions, especially as demand for coal and minerals peaked last year," said National Mining Association (NMA) president and CEO Jack Gerard. "We enter the New Year determined to improve our performance and confident we will do so."

Several reasons were cited for the reduced number of accidents including better safety technology, a strong commitment to safety, and improved workplace training.

As in the past, J. H. Fletcher & Co. continues it's commitment to safety as well as operator and maintenance training.

If you would like to read the complete NMA press release, go to [www.nma.org](http://www.nma.org) and click on the "Newsroom" link.

# POCKET GUIDE FOR FOOT JACK CYLINDER REPLACEMENT

PART NO. 359293

PUBLISH DATE: NOVEMBER 2004

## **DANGER**

**MACHINE ADJUSTMENTS ARE TO BE MADE BY PROPERLY TRAINED AND AUTHORIZED PERSONNEL ONLY. IMPROPER MACHINE ADJUSTMENTS CAN CREATE SERIOUS SAFETY HAZARDS. REFER TO THE MAINTENANCE MANUAL PROVIDED WITH YOUR MACHINE FOR COMPLETE MAINTENANCE INSTRUCTIONS.**

<b><u>OLD PART NO: EXTERNAL THROTTLE</u></b>	<b><u>CYLINDERS AFFECTED</u></b>	<b><u>NEW PART NO: INTERNAL THROTTLE</u></b>
56478 and 152378	Replaced by	152687
56648 and 152379	Replaced by	152730
152049 and 152380	Replaced by	152756
152103 and 152382	Replaced by	152729
152116	Replaced by	152729

J.H. Fletcher & Co. (Fletcher) issued a bulletin (Important Safety Bulletin No. 67) in May 1997, notifying owners, operators and authorized rebuilders of Fletcher roof bolters that they must install an external throttle valve in the foot cylinder to prevent excessive retract speed of the foot jack. The external valve is located on the old foot jack or in the hydraulic line that goes to the foot jack section of the driller's control valve.

To ensure the throttle valve is in the circuit, test the foot jack function. With the throttle valve in place, the foot jack retract speed should be less than the extend speed.

Since October of 2000, Fletcher has been distributing new foot jacks that have internal throttle valves.

When you order a new foot jack cylinder from Fletcher, or one of its authorized distributors, the cylinder will have an internal throttle valve. If you received one of the new cylinders, you will no longer need the external valve on the circuit. Using both throttle valves will cause the foot jack to retract very slowly.

To ensure there is only one throttle valve in the foot cylinder circuit and that it is working properly, test this control when the foot jack is replaced. Remember, there is no operational function that requires the lifting of the drill boom and canopy by the foot assembly. The foot jack should never be capable of raising the boom structure and front end of the roof bolter, and if it does, the pressure setting is too high or the boom fit needs repaired.

**If you have a rebuilt foot cylinder from Fletcher or one of our distributors, it may still be the old style that uses the external throttle valve. Make sure it is in the circuit.**

The old style foot cylinder part number has been changed to a new number that incorporates an external throttle valve piped to the cylinder shell valve block.

Fletcher recommends that you contact our Parts Book Department and request a parts sheet if you did not receive one. When you receive the new parts sheet, place it in the machine parts book.

Fletcher also recommends that you consider replacing your older style cylinders with the newer design using the internal throttle valve. This will reduce the likelihood of leakage from the external parts and eliminate the throttle valve being left out of the assembly during maintenance.

Fletcher requests that you make this information available to all maintenance personnel, operators and rebuild shops that may be affected by this notice. If you are having any problems with the machine foot jack, or any other component on the machine, shut the machine down and contact your supervisor.

Fletcher has made every attempt to present accurate information in catalogs, brochures and other printed material. Fletcher can accept no responsibility for errors from unintentional oversights that may exist. Due to a program of continuous product improvement, both materials and specifications are subject without notice or obligation.

Fletcher currently has available, free of charge, a variety of training programs on videotape as well as other service bulletins. To obtain a copy of this pocket guide, or any other information, please contact our Risk Management Department between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, at 304-525-7811.

**FOR COMPLETE INFORMATION, PLEASE SEE YOUR SERVICE MANUAL OR CONTACT YOUR DISTRICT SALES REPRESENTATIVE.**

### ARE YOU HAVING PROBLEMS WITH OPERATORS ADJUSTING PRESSURES?

The drill feed package is a complicated valve that restricts or increase hydraulic flow to the drill head. Depending on the needs of the individual mine and the roof strata you are drilling, the valve must be adjusted by trained personnel. Failure to follow the recommended guidelines of the J. H. Fletcher & Co. can expose the operator to: a bent drill steel, a broken drill steel, bit life reduction, and/or inefficient drilling. To prevent untrained personnel from adjusting this valve, J.H. Fletcher & Co. is now offering a key lock kit. The key lock kit (*see photo*) can be installed on the valve to prevent tampering.

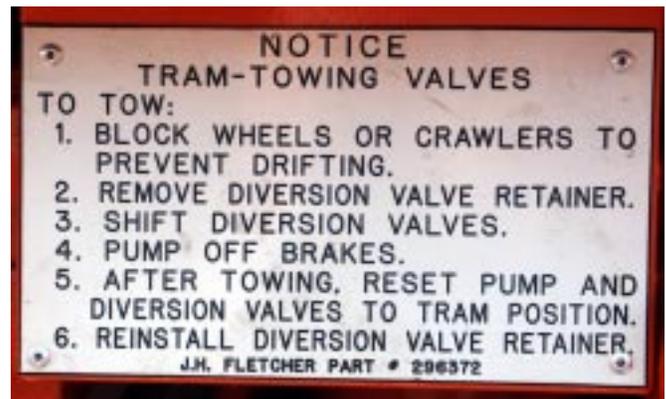
The valve lock kit can be ordered from J.H. Fletcher & Co. or one of our authorized distributors (P/N: 129385). If you are having this problem, J.H. Fletcher & Co. encourages you to purchase one of these kits today.



### TRAM/TOW Tag May Be Incorrect

J.H. Fletcher has recently discovered that a notice tag (part no. 296372) was manufactured incorrectly. The tag, which gives information on tram-towing, was installed on machines with a towing package containing the 36845 diversion valves. Some of the tags read "TO TRAM", and should read "TO TOW". Fletcher believes only a small number of the incorrect tags were installed on machines.

If you have a Fletcher machine with a towing package that includes the 36845 diversion valve, please check the tag to make sure it is worded correctly. If it is not, Fletcher will replace the tag free of charge. Call the Risk Management Department to order a new tag.



Correct Tag

## ATTENTION: Western District Customers

### DTS Fluid Power Inc Partnering with J. H. Fletcher and DBT



J.H. Fletcher & Co. is proud to announce that we have added **DTS Fluid Power Inc. of Delta Colorado** as an authorized J.H. Fletcher & Co. hydraulic component repair center for the Western USA. Adding DTS as an authorized repair agent brings a very experienced company in as a partner with J.H. Fletcher and DBT to provide high quality repair services in the Western USA. Ultimately this partnership will result in more service exchange components available in the Western USA, and quicker turn around time on repairs for you.

Due to physical location, sourcing agreements, or other factors you may have a preference of working with DTS or DBT. Under our agreement, you now have the choice of working through DBT or directly with DTS. In either case the hydraulic repairs will be done by DTS to OEM standards using OEM parts. DBT will remain as the sole **NEW** parts distributor in the Western USA

DTS has a full-service hydraulic repair center with a 30,000 sq. ft. complex in Delta Colorado and has branches in Farmington, New Mexico and Fruita, Colorado. You can contact DTS at 970-874-7571. We hope you will join us in welcoming DTS to this new partnership.

# MEET OUR EMPLOYEES



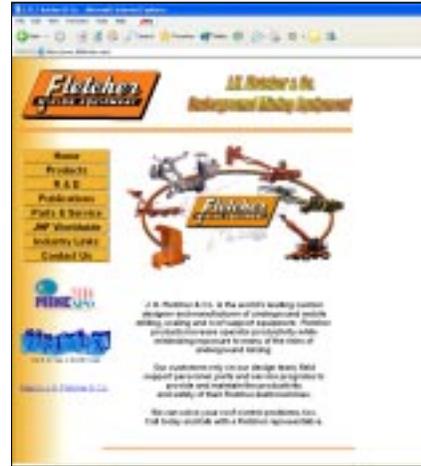
We are happy to welcome Tim Martin as our newest service representative in the Southern District. Tim brings with him 15 years of experience in surface and underground machine maintenance and has spent the last seven years as a maintenance foreman and chief electrician.

Tim Martin

Tim and his wife Paula live in Wise VA.

# www.jhfletcher.com

The Fletcher website has a new look and has been updated to provide you with the information you need. Browse through our pages, download product literature, find contacts, and take our web survey. We will continue to make regular updates so check back often.



## Your E-Mail

J.H. Fletcher & Co. appreciates you sending us E-mail and answering our web site survey. However, if you are sending in E-Mail requests, we ask that you provide us the following information: NAME , A FULL ADDRESS, PHONE NUMBER, AND YOUR E-MAIL ADDRESS. PLEASE ADDRESS YOUR E-MAIL TO: dcooper@jhfletcher.com

The information contained in this newsletter has been obtained from sources believed to be reliable, and the editors have exercised reasonable care to assure its accuracy. However, J. H. Fletcher & Co. does not guarantee that contents of this publication are correct and statements attributed to other sources do not necessarily reflect the opinion or position of J. H. Fletcher & Co.

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Currently we are only sending the Fletcher Newsletter to a select readership. If you know of someone in your company who wishes to be placed on our mailing, please let us know. Below is a form for a free subscription to the newsletter. Just fill out the form and return it to J. H. Fletcher & Co., Risk Management, Box 2187, Huntington WV 25722-2187.

### FREE SUBSCRIPTION FORM

Name \_\_\_\_\_ Job Title \_\_\_\_\_  
Company \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone \_\_\_\_\_

**J. H. Fletcher & Co.**  
Box 2187  
Huntington, WV 25722-2187  
(304) 525-7811