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## Why Purchase Fletcher Replacement Components?

J. H. Fletcher & Co. is concerned about the perception by some of its customers that they can save a little money if they use non-OEM parts to maintain their Fletcher machines. The pennies saved today are meaningless when compared with the safety risk, lost productivity and increased maintenance costs. The use of non-OEM components can jeopardize the safety of the product and its operator by increasing the risk of serious injury and death. Parts that are not OEM may not be adjusted or specified correctly, resulting in unexpected or irregular movement and failure of primary components, such as support posts or ATRS cylinders. Use of non-OEM parts can cause reduced protection from environmental hazards for the operators and compromise of designed in equipment safeguards.

Basically, the roof drill provides the operator a machine to install roof

bolts into the roof. To perform this task, the operator must utilize the entire machine in a work environment that can be hostile to the machine and operator. In order to protect the operator, the machine designer analyzes those factors and manufactures components on the machine to withstand the harsh environment. For instance, a registered professional engineer must certify the ATRS and

canopy. If the manufacturer does not repair or replace the components with quality OEM parts, the operation and safety factors of the machine are jeopardized. The dust system consists of numerous specific parts but if one non-OEM component is substituted for another, such as the drill head or the dust hose, the effectiveness of the entire system may be

jeopardized and the MSHA certification is voided.

MSHA requires the manufacturer to produce a machine that meets specific mining regulations for the canopies, ATRS, electrical, dust collection systems,

*J.H. Fletcher & Co.  
is the only company  
that can provide you  
with Original Equip-  
ment Manufacturer  
answers and safety  
engineering for its  
products.*

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braking and other operational requirements. However, in order to operate these components properly, other components, such as the valve chest which allows the operator to raise or lower the ATRS and even the 40 hp motors must be OEM to assure the whole system operates as the designer intended. Compromising the system with non-OEM parts can jeopardize the efficiency and integrity of the system.

J. H. Fletcher & Co. recognizes that some OEM parts are more expensive. In some instances they may be more expensive due to the cost of special materials or specific design requirements of the purchaser. J. H. Fletcher & Co. also provides its customers with free service and engineering support. Therefore, the next time you are offered non-OEM parts or "reverse engineered parts" first evaluate how the component will affect the safety of each operator, how that part will work with the entire system and what field support you will be provided if you have machine "down" time. Then ask the seller the following questions:

1. **Is this the latest design or update to the component?**
2. **What engineering documentation do you have to confirm these components will meet the operation requirements of the system?**
3. **Does the component, when added to the machine, adversely affect the original OEM and MSHA approvals and/or certifications?**
4. **Do you have engineering and service support for me if I have a problem**

**with the Fletcher machine after installation of your parts?**

5. **If the non-OEM parts are associated with a certified system, who are the professional engineers employed by you who can assure my operators that the operational safety of the Fletcher machine has not been diminished by the addition of your non-OEM part(s)?**

The answers to the questions will likely be unsatisfactory or nonexistent. J.H. Fletcher & Co. is the only company that can provide you with Original Equipment Manufacturer answers and safety engineering for its products.

With OEM components, you get J. H. Fletcher & Co.'s 60 years of experience in mining equipment. You also get a dedicated Fletcher service department along with a list of authorized parts distributors that can provide you, in most cases, immediate parts distribution in your area. With J. H. Fletcher & Co. and our authorized parts distributors, you get documentation and a specified warranty program that is in place. You will get a trained, experienced staff of field representatives that provide FREE on-site consultation.

J. H. Fletcher & Co. values your business and is constantly RAISING THE QUALITY BAR to meet your needs and the specified operational characteristics of your machinery. **Non-OEM component manufacturers cannot and will not do it.**

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## TIPS ON MAINTAINING HYDRAULIC OIL.

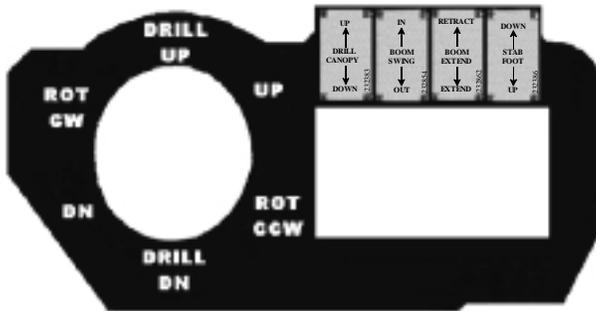
One of the keys to maintaining a good running roof drill is to keep clean hydraulic oil in the system. Hydraulic oil is the lifeblood of the roof drill. Without proper oil levels, contamination of your system can overheat the machine resulting in premature breakdown of other 'in-line' components. To prevent this from happening, the operator should make sure that dirt, metal particles, water, chemicals, etc. do not enter the system at any time. J. H. Fletcher & Co. utilized Unocal Unax AW68 oil to run its hydraulic

systems. This oil has been specifically evaluated to ensure that it is compatible with components on the machine and is identified on your machine by P/N 159258. To prevent contamination, the operator should always:

1. Use a clean hose when transferring oil from the oil storage container to the oil reservoir on the machine. Wipe away all dirt and

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# OPERATOR FEEDBACK RESPONSE: JOYSTICK CONTROL PANEL TAG



Through J. H. Fletcher & Co.'s operator feedback program, Fletcher has developed a new instruction plate for the operation of the hydraulic joystick and associated drill control levers. This tag is currently being installed on some RRII dual-head roof drills. The panel, located below the joystick handle, provides specific instructions on where the joystick should be placed to activate the rotation and feed control (see illustration). The purpose of this plate is to clearly show new operators and infrequent users of the machine concise, specific procedures for operating the drill control handles. If you are ordering a new machine or want to

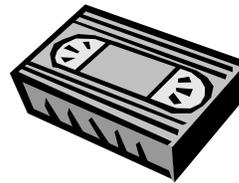
retrofit an existing machine, you may want to make sure this plate is on your machine. For additional information on this tag, call J. H. Fletcher & Co.'s Service Department or one of our authorized distributors and request Part Number 360847 for the right hand boom with outside controls and Part Number 360848 for the left hand boom with outside controls.

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- debris from the oil cap (breather cap) before placing oil in the system.
2. Use only the specified oil J. H. Fletcher & Co. has identified in the Service Manual. A Material Safety Data Sheet for the oil is available from J. H. Fletcher & Co.'s Risk Management Department.
  3. J. H. Fletcher & Co. recommends the normal operating range should be around 150° F and the maximum temperature should not exceed 180° F. If your machine is having heat problems, there may not be enough oil in the system or the oil viscosity has broken down. Tip: A change in the viscosity of more than 10% usually indicates a problem.
  4. Regularly change the hydraulic oil filters (see Service Manual) to prevent oil contaminants from entering the system.
  5. Use an approved breather cap on the oil tank.
  6. Make sure all fittings, hoses and components are not leaking, to reduce the overall loss of oil in the system.

These are only a few recommendations regarding the use of hydraulic oil in your roof drill. For additional information about the care and use of your machine, review your Service Manual or contact your J. H. Fletcher & Co. Service Representative.

## HDDR Video Program



J. H. Fletcher & Co. is now distributing the HDDR Orientation Video. This program, available on VHS tape or CD, provides the instructor specific information about the correct operation of the HDDR roof drill.

The HDDR Orientation Video program provides the instructor a complete machine orientation package. Once the entire program has been completed by your employees in an in-house training program, their tests are sent to our Risk Management Department for grading. Each instructor or operator who completes the test and returns it to Fletcher will receive a one time Fletcher hat offer.

To order this free program, call J. H. Fletcher & Co.'s Risk Management Department. Inform them of the serial number(s) of your machine(s) along with the number of mines for which you will need the program.

J. H. Fletcher & Co. is committed to continued training support for our new and modernized machine customers.

# INFORMATION BULLETIN NO. 85

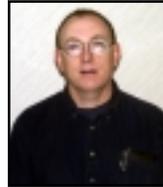
J. H. Fletcher & Co. is now offering a free deflector guard for specifically designed DR roof drills. The guard will prevent small nuisance rocks from hitting the operator during operation of the drill.

The guard attaches to the ATRS turkey foot canopy arrangement. A copy of the bulletin and a list of the DR roof drills that are affected by this recall are now available. If you have this type of roof drill, you may contact the Risk Management Department at Fletcher to see if your machine is affected by this retrofit notice.

# NEW EMPLOYEES



John E. Reckard recently joined J. H. Fletcher & Co. as design engineer. John came to Fletcher after being employed by the Dana Corporation. John will be working on engineering projects in our Huntington office.



David J. Tate recently joined J. H. Fletcher & Co. as a service representative. David previously worked for Long-Airdox and, most recently, with Morgantown-National. David will be working as a field representative in the Midwest Territory with Grover Fischbeck.

To reach David, call 618-253-8385 or leave a message on his voice mail at 304-525-7811, Ext. 419.

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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