

**Retrofit Safety Device for TPW Slimline woolpresses fitted with Cross control valves.
July 2004**

Read instructions fully before fitting this safety device.

Parts list.

1 x Safety bar	2 x 3/8" x 1 1/4" bolts
1 x Left hand bracket	6 x 3/8" x 1" bolts
1 x Right hand bracket	8 x 3/8" nyloc nuts
1 x Linkage	10 x 10mm flat washers
1 x Linkage guide bracket	2 x 4mm split pins
1 x Safety sticker	

Fitting Instructions.

1. Position the left hand bracket hard up against the underside of the top left hand side of the bin, locating lug to the front. The holes have to be on the side of the bin. (illus 1)
 2. Mark and drill the holes to 10mm (3/8").
 3. Bolt the bracket to the bin using 3/8" x 1" bolts, put the bolt heads on the inside of the bin.
 4. Position the right hand bracket hard up against the underside of the top right hand side of the bin, locating lug to the front. The holes have to be on the side of the bin. (illus 1)
 5. Repeat steps 2 & 3.
 6. Using 3/8" x 1 1/4" bolts, nyloc nuts and flat washers, bolt the safety bar to the brackets. The longer arm on the safety bar goes on the right hand bracket.
 7. Mark and drill the control valve bracket to take the linkage guide bracket. (illus 2)
 8. Using the 3/8" x 1" bolts, mount the linkage guide bracket onto the front of the control valve bracket.
 9. Slide the linkage into position, first through the linkage guide and then through the hole in the safety bar at the right hand end, secure this end with a washer and split pin.
 10. With the control valve handle in the up position (press switched off) check that the safety bar moves freely.
 11. With the control valve handle in the down position, extend the linkage so that the safety bar is pushed up as far as it can go.
 12. Check that when pressure is applied to the safety bar that the control valve handle is pushed to the up position.
- Note: Ensure that the packlock clamp in any position does not interfere with the correct operation of the safety bar.
13. With the control valve handle in the down position and the safety bar in the up position, using a 4mm (9/64") drill bit, drill through both the adjustment sleeve of the linkage and the top section of linkage. Use the hole in the adjustable sleeve as a guide. Place a 4mm split pin through this hole.
 14. Check the operation of the safety bar again.
 15. Attach the safety sticker to the front of the press.

Safety during use.

To minimise the risk to the health and safety of operators and other persons arising out of the use of a hydraulic woolpress, at least the following requirements should be met.

- A person shall not be permitted to operate or work on a press until that person has received instruction and training on the safe use of a press.
- The person should be able to demonstrate an understanding of the press controls and the hazards associated with its use.
- The continued effectiveness of the safety bar shall be tested prior to each shift, and at any time the operator has reason to suspect failure of any component.
- Any failure shall be reported to the employer immediately who shall take appropriate steps to effect repairs.
- Any damage to the press which may constitute a risk to the health or safety of any person shall be reported to the employer immediately, who shall take appropriate action.

Examples of the type of damage that would constitute a risk include but are not limited to:

- Frayed or damage to insulation on electrical components.
- Cracked, perished or damaged hydraulic hoses, pipes or fittings.
- Overheating of motor or pump.
- Failure or wear in any control or component.
- Wear or incorrect setting of any part of the safety device.

Illustration 1. Left hand bracket, right hand bracket & safety bar assembled onto the press.

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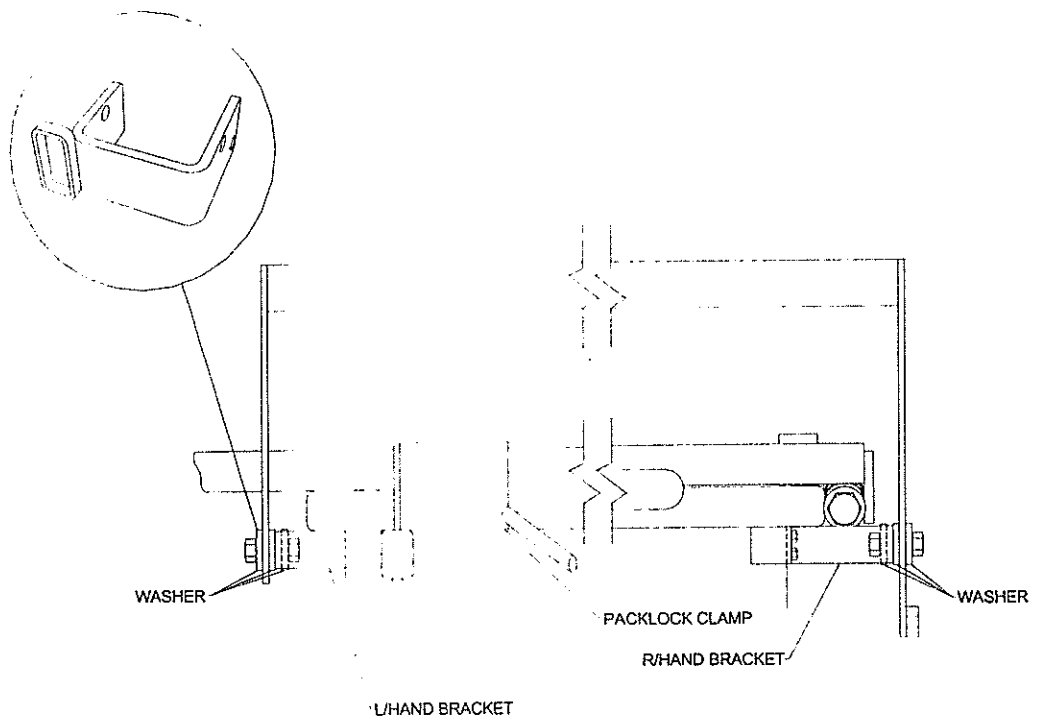
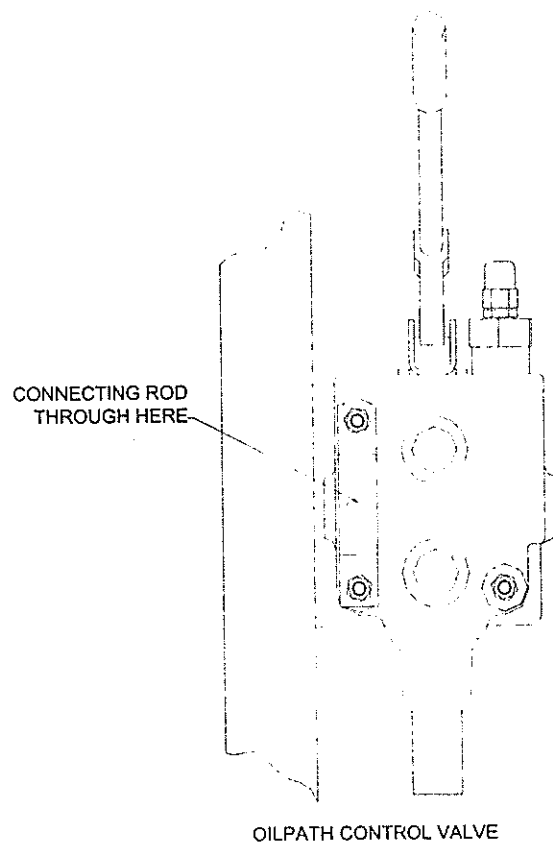


Illustration 2. Linkage guide bracket assembled onto the control valve.



Retrofit Safety Device for TPW Slimline woolpresses fitted with Vickers control valves. July 2004

Read instructions fully before fitting this safety device.

Parts list.

1 x Safety bar	4 x 3/8" x 1" bolts
1 x Left hand bracket	6 x 3/8" nyloc nuts
1 x Right hand bracket	10 x 10mm flat washers
1 x Linkage	2 x 5/16" x 2 1/2" bolt & nut
1 x Linkage guide bracket	2 x 5/16" spring washers
1 x Safety sticker	2 x 4mm split pins
2 x 3/8" x 1 1/4" bolts	

Fitting Instructions.

1. Position the left hand bracket hard up against the underside of the top left hand side of the bin, locating lug to the front. The holes have to be on the side of the bin. (illus 1)
 2. Mark and drill the holes to 10mm (3/8").
 3. Bolt the bracket to the bin using 3/8" x 1" bolts, put the bolt heads on the inside of the bin.
 4. Position the right hand bracket hard up against the underside of the top right hand side of the bin, locating lug to the front. The holes have to be on the side of the bin. (illus1)
 5. Repeat steps 2 & 3.
 6. Using 3/8" x 1 1/4" bolts, nyloc nuts and flat washers, bolt the safety bar to the brackets. The longer arm on the safety bar goes on the right hand bracket.
 7. Remove the two left hand bolts from the control valve.
 8. Using the 5/16" x 2 1/2" bolts, mount the linkage guide bracket onto the front of the control valve. The bracket is built up on the back so that when it is mounted on the valve it will sit vertically. (illus 2)
 9. Slide the linkage into position, first through the linkage guide and then through the hole in the safety bar at the right hand end, secure this end with a washer and split pin.
 10. With the control valve handle in the up position (press switched off) check that the safety bar moves freely.
 11. With the control valve handle in the down position, extend the linkage so that the safety bar is pushed up as far as it can go.
 12. Check that when pressure is applied to the safety bar that the control valve handle is pushed to the up position.
- Note: Ensure that the packlock clamp in any position does not interfere with the correct operation of the safety bar.
13. With the control valve handle in the down position and the safety bar in the up position, using a 4mm (9/64") drill bit, drill through both the adjustment sleeve of the linkage and the top section of linkage. Use the hole in the adjustable sleeve as a guide. Place a 4mm split pin through this hole.
 14. Check the operation of the safety bar again.
 15. Attach the safety sticker to the front of the press.

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Illustration 1. Left hand bracket, right hand bracket & safety bar assembled onto the press.

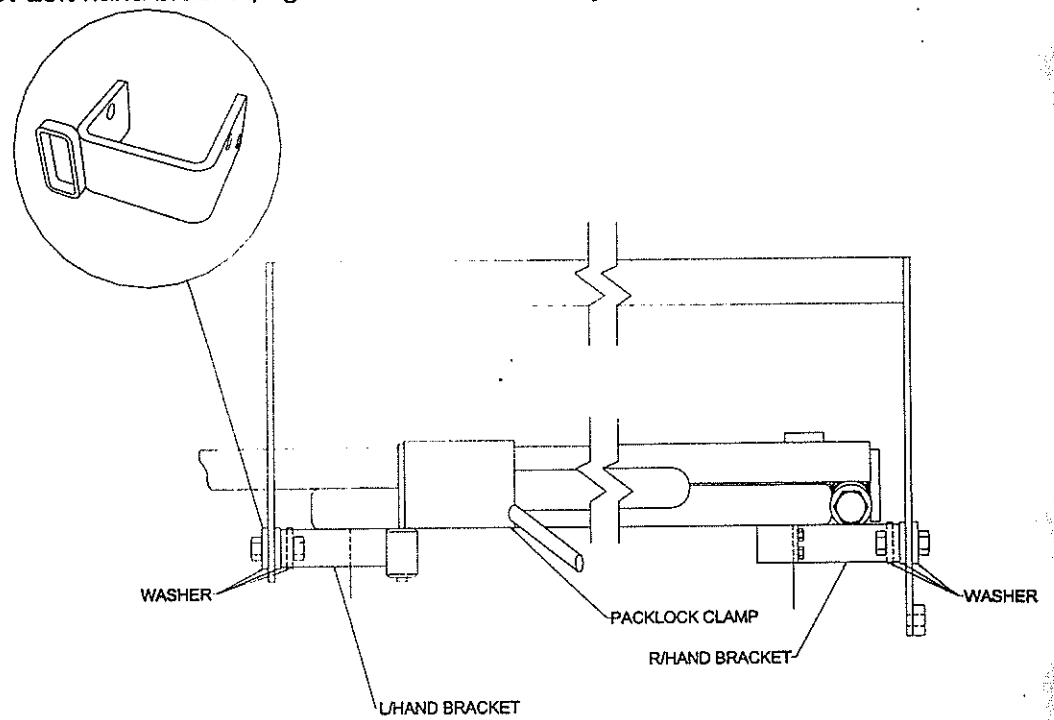
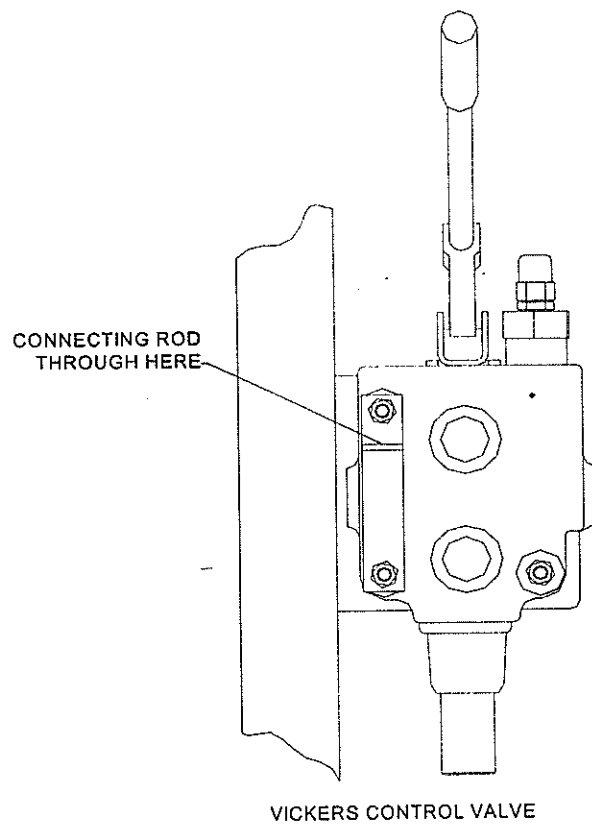


Illustration 2. Linkage guide bracket assembled onto the control valve.



Retrofit Safety Device for TPW Slimline woolpresses fitted with Oilpath control valves. July 2004

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Parts list.

1 x Safety bar	4 x 3/8" x 1" bolts
1 x Left hand bracket	6 x 3/8" nyloc nuts
1 x Right hand bracket	10 x 10mm flat washers
1 x Linkage	2 x 5/16" x 3" bolt & nut
1 x Linkage guide bracket	2 x 5/16" spring washers
1 x Safety sticker	2 x 4mm split pins
2 x 3/8" x 1 1/4" bolts	

Fitting Instructions.

1. Position the left hand bracket hard up against the underside of the top left hand side of the bin, locating lug to the front. The holes have to be on the side of the bin. (illus 1)
 2. Mark and drill the holes to 10mm (3/8").
 3. Bolt the bracket to the bin using 3/8" x 1" bolts, put the bolt heads on the inside of the bin.
 4. Position the right hand bracket hard up against the underside of the top right hand side of the bin, locating lug to the front. The holes have to be on the side of the bin. (illus 1)
 5. Repeat steps 2 & 3.
 6. Using 3/8" x 1 1/4" bolts, nyloc nuts and flat washers, bolt the safety bar to the brackets. The longer arm on the safety bar goes on the right hand bracket. (illus 1)
 7. Remove the two left hand bolts from the control valve.
 8. Using the 5/16" x 3" bolts, mount the linkage guide bracket onto the front of the control valve. (illus 2)
 9. Slide the linkage into position, first through the linkage guide and then through the hole in the safety bar at the right hand end, secure this end with a washer and split pin.
 10. With the control valve handle in the up position (press switched off) check that the safety bar moves freely.
 11. With the control valve handle in the down position, extend the linkage so that the safety bar is pushed up as far as it can go.
 12. Check that when pressure is applied to the safety bar that the control valve handle is pushed to the up position.
- Note: Ensure that the packlock clamp in any position does not interfere with the correct operation of the safety bar.
13. With the control valve handle in the down position and the safety bar in the up position, using a 4mm (9/64") drill bit, drill through both the adjustment sleeve of the linkage and the top section of linkage. Use the hole in the adjustable sleeve as a guide. Place a 4mm split pin through this hole.
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- Failure or wear in any control or component.
- Wear or incorrect setting of any part of the safety device.

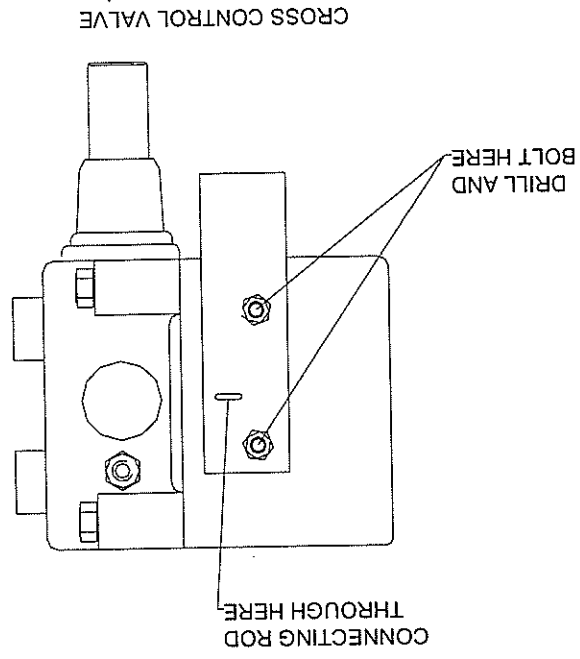


Illustration 2. Linkage guide bracket assembled onto the control valve bracket.

