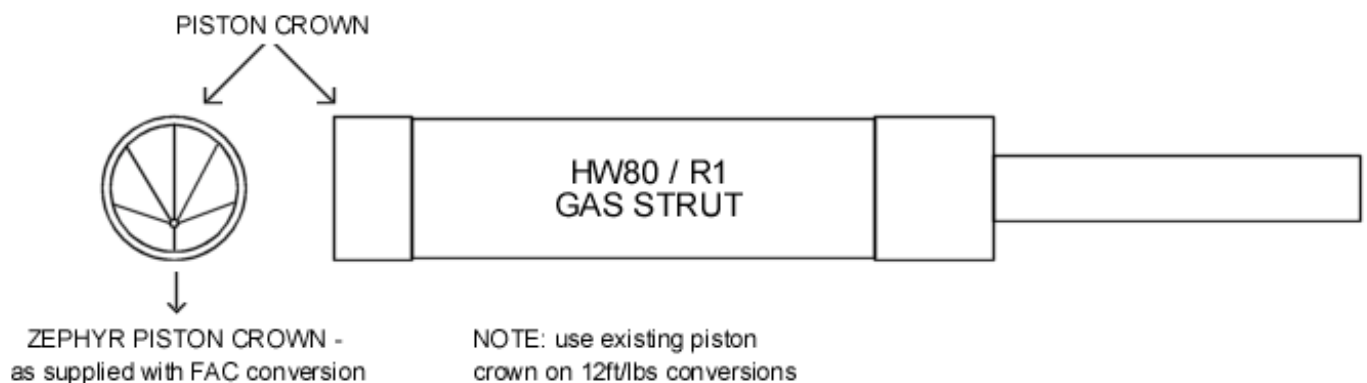


# THEOBEN GAS SPRING CONVERSION FOR WEIHRAUCH HW80 / BEEMAN R1

This conversion is a precision-made complete piston/gas spring unit for the HW80 or R1.

It is available in FAC/Export form 20-22ft/lbs and a 12ft/lbs/UK legal limit version.

The 12ft/lbs version has been set for pressure and tested using a UK LEGAL HW80, however after completing the conversion you must always check with a chronograph that the rifle is inside the UK legal limit of 12ft/lbs. Every effort is made by Theoben to conform to the UK law on all products including our conversions, however each rifle can perform slightly differently with the same power unit because of manufacturing tolerances in the rifle itself.



## FITTING INSTRUCTIONS

1. Ensure that the rifle is **not** cocked.
2. Remove fore-end stock screws and both trigger guard screws. Remove action from stock.
3. Unscrew complete rear trigger block from rear of receiver.  
**CAUTION:** This block is under main spring tension and can be dangerous, take care.
4. Remove main spring and guide.
5. With a suitable pin punch drive front cocking lever pin out of the breech block. Lift out lever from breech block and unhook from piston shoe. Lift shoe out of keyhole in forward end of cocking slot.
6. Push piston out of receiver tube (all parts removed from inside receiver are now redundant).
7. Clean out receiver tube of oil and grease residue ready for reassembly.
8. Lightly grease around (not in front of) piston crown (12ft/lbs conversion remove HW80 crown and fit to conversion), cocking shoe slot and rear raised piston diameter. Slide back into receiver tube aligning cocking slot in piston with slot in receiver. Fit replacement shoe provided. Screw trigger block in tightly.
9. Reverse strip down procedure, use Loctite 221 on all stock screws and conversion is finished.

**\* \* \* \* \* There are no detrimental effects from prolonged cocking. \* \* \* \* \***

No responsibility can be accepted for any damage caused by misfitting of gas spring.

### Patent Warning Notice for Gas Strut

This Gas Strut Spring Kit is protected by the following patents; UK 2.084.704 USA 4.707.686 Belgium 897.043  
Further patents pending.



**THEOBEN ENGINEERING, WEST NEWLANDS, SOMERSHAM, CAMBS. PE28 3EB. ENGLAND**  
**Tel : 01487 740744 - Fax : 01487 740040 - <http://www.theoben.co.uk> - [theoben@zetnet.co.uk](mailto:theoben@zetnet.co.uk)**