

CF-HDVR/ CF-HDVR-3 INSTRUCTIONS

GOODSON

Tools and Supplies for Engine Builders

156 Galewski Drive • P.O. Box 847 • Winona, MN 55987-0847
Toll-Free 1-800-533-8010 • Local 507-452-1830 • www.goodson.com

CF-HDVR/ CF-HDVR-3

**Please read instructions
before using.**

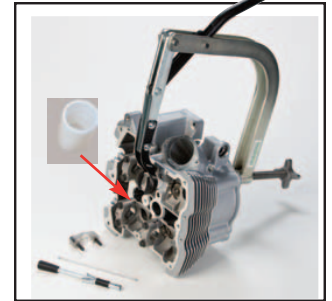
**This kit will allow you to remove and
install the deepest springs on the Harley
V-rod cylinder head**

© 2009 Goodson Shop Supplies

1/09/09

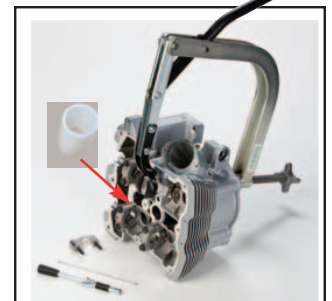
REMOVAL OF VALVE SPRINGS

1. Take the KE-6831 valve spring adaptor sleeve and place it over the center of the valve spring & retainer, this will allow the valve spring compressor to compress the valve spring without damage to the head.
2. Once spring is compressed take the VKM-17 magnetic stick and remove the keepers. After keepers are removed release spring compressor and now the valve spring is ready to be removed.



REMOVAL OF VALVE SPRINGS

1. Take the KE-6831 valve spring adaptor sleeve and place it over the center of the valve spring & retainer, this will allow the valve spring compressor to compress the valve spring without damage to the head.
2. Once spring is compressed take the VKM-17 magnetic stick and remove the keepers. After keepers are removed release spring compressor and now the valve spring is ready to be removed.



CF-HDVR/ CF-HDVR-3 INSTRUCTIONS

GOODSON

Tools and Supplies for Engine Builders

156 Galewski Drive • P.O. Box 847 • Winona, MN 55987-0847
Toll-Free 1-800-533-8010 • Local 507-452-1830 • www.goodson.com

CF-HDVR/ CF-HDVR-3

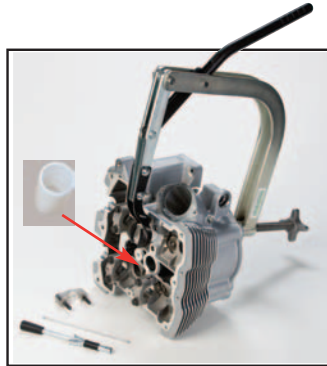
**Please read instructions
before using.**

**This kit will allow you to remove and
install the deepest springs on the Harley
V-rod cylinder head**

© 2009 Goodson Shop Supplies

1/09/09

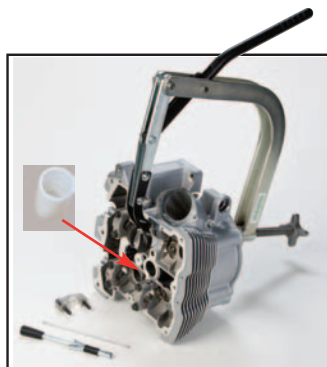
CF-HDVR/ CF-HDVR-3 INSTRUCTIONS Continued



INSTALLATION OF VALVE SPRINGS

1. Install valve spring & retainer on cylinder head.
2. Place KE-6831 valve spring adaptor sleeve over the center of the valve spring & retainer.
3. Install valve spring compressor with the jaws over the KE-6831 adaptor.
4. Compress the valve spring.
5. Place the keepers in the VKI-6 keeper installer, place over the center of valve stem.
6. Push down the VKI-6 at the same time you release the spring compressor.
7. Now you have an assembled valve spring assembly.

CF-HDVR/ CF-HDVR-3 INSTRUCTIONS Continued



INSTALLATION OF VALVE SPRINGS

1. Install valve spring & retainer on cylinder head.
2. Place KE-6831 valve spring adaptor sleeve over the center of the valve spring & retainer.
3. Install valve spring compressor with the jaws over the KE-6831 adaptor.
4. Compress the valve spring.
5. Place the keepers in the VKI-6 keeper installer, place over the center of valve stem.
6. Push down the VKI-6 at the same time you release the spring compressor.
7. Now you have an assembled valve spring assembly.