



SERVICE
BULLETIN
406
4 CYCLE

ISSUED: October 1998

SUBJECT: Smoking Out of Muffler on Initial Start Up

MODELS OR TYPES AFFECTED: VLV 50 through 66

SERIAL NO'S AFFECTED: 7002 through 7128

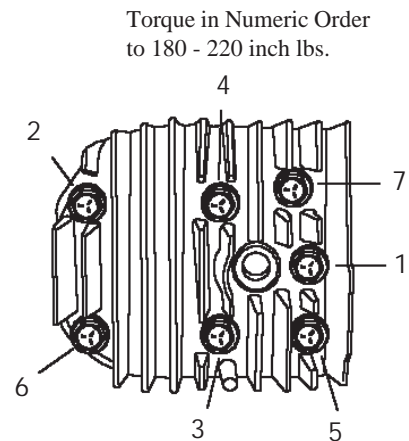
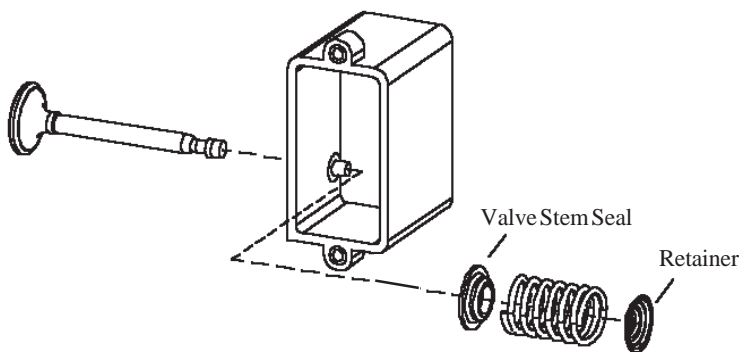
We have received comments from the service system regarding instances of NEW VLV model engines exhibiting smoke from the muffler during initial engine operation. These instances of smoke from the muffler in a new engine may be caused by storage or shipment with the spark plug pointing down.

BEFORE performing the procedure below please make sure the engine has been run for at least 30 minutes to burn out any oil residue inside the muffler. If the smoking continues after this time period proceed below.

After investigation we have determined the cause of the smoking. This is the result of an irregular casting surface in the valve spring box, which does not allow proper seating of the seal allowing oil to pass.

PROCEDURE:

1. Remove the muffler, cylinder head and valve box cover.
2. Remove the Intake valve spring, valve and seal.
3. Install the NEW valve stem seal part no. 40016A as shown (see illustration).
4. Replace the cylinder head gasket part no. 36061 and valve box cover gasket part no. 27234A.
5. Re-torque the cylinder head to 180-220 inch Lbs following the sequence below.
6. A kit containing all the above parts can be ordered under part no. **730617**.



The time to perform this repair procedure is typically 45 minutes. We thank you in advance for correcting this problem and request you submit a claim to us for reimbursement.