504BD, 504BDT
Diesel Engine

Service Manual

8-38270

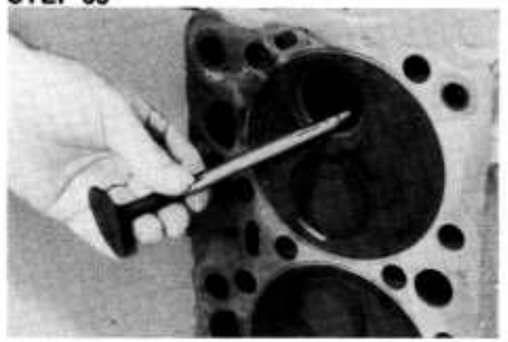
CASE CONSTRUCTION

MidWestTech | Case 504BD, 504BDT Diesel Engine Service Manual | Publication 8-38270

Order the manual at mid-west-tech.com >

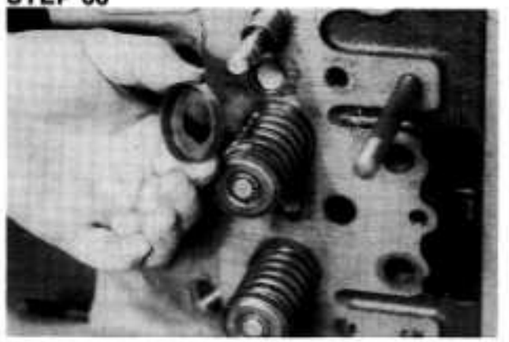
CYLINDER HEAD ASSEMBLY AND INSTALLATION

STEP 65



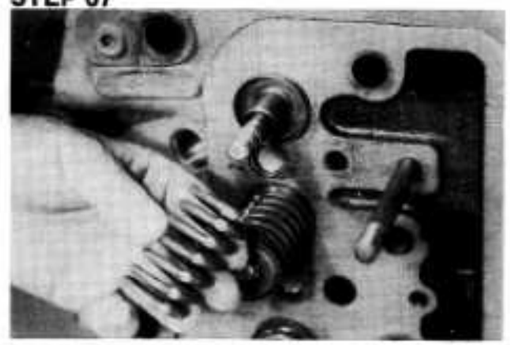
Apply lubrication to the valves using clean engine oil and install the valves in the cylinder head.

STEP 66



Install the valve spring seat (flat side down).

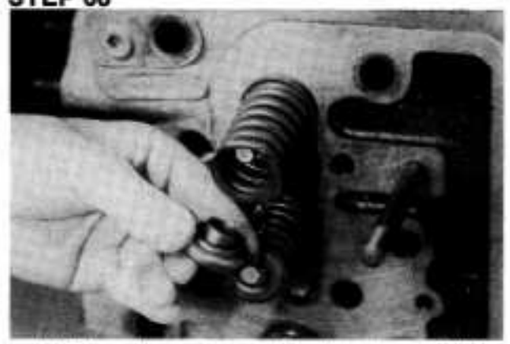
STEP 67



Install the valve spring. Either end of the valve spring can be installed in the valve spring seat because both ends of the spring are closed and ground.

NOTE: *See specification details section in this Service Manual for spring specifications.*

STEP 68



Install the valve rotators (flat side up). Install the valve rotators with the original valves because these parts are worn as counterparts of each other.

IMPORTANT: *Always install new rotators and valve keepers when new valves are installed.*

MidWestTech | Case 504BD, 504BDT Diesel Engine Service Manual | Publication 8-38270

Order the manual at mid-west-tech.com >