

MCH

Moore's Cylinder Heads, LLC

Installation Information

Chrysler 2.0L & 2.4L 4 Cylinder DOHC Camshafts

The Chrysler 2.0L and 2.4L 4 cylinder Double Overhead Cam (DOHC) cylinder head is built by Chrysler with a number of variations and combinations of the intake cam and the exhaust cam. It is extremely important to compare the intake cam and the exhaust cam in the cylinder head removed from the vehicle with the intake cam and the exhaust cam that are in the remanufactured cylinder head you have received from Moore's Cylinder Heads.

In order to verify that the intake and exhaust cams in the head that has been taken off the vehicle are identical to those in the Moore's remanufactured cylinder head, you place the dowel pins in both cams at the 12:00 position. You then compare the cam lobe positions.

You must also remove the cam sensor magnet on the back side of the exhaust cam. Note the positions of the holes drilled in the exhaust cam that locks the magnet in position on the cam. Next compare the holes on the exhaust cam that you removed from the head taken off the vehicle to the exhaust cam that came in the Moore's cylinder head. Make sure the holes in both of the cams are drilled in the exact same position.

If the holes drilled for the magnet are not in the same positions in both of the cams, the engine will not run correctly as the cam sensor device will be reading the magnet position incorrectly and the engine will not fire in the proper sequence. If you install the wrong cam, the engine problem can only be corrected by changing the engine computer settings. This procedure can only be done with a Chrysler DRB III scan tool. MCH does not recommend that procedure be done by anyone that has not had the appropriate training.

Failure to correctly match the camshafts as described above will result in misalignment of the camshaft and crank sensor causing poor engine performance, a high probability of bent valves, and possible piston and engine damage.

If you believe you have a wrong cam, please call Moore's Cylinder Heads at 1-800-331-7220, Ext. 1, and describe your problem to a MCH representative.

If you have questions or need assistance, please call 1-800-331-7220, Ext. 1.

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