



Camshaft Cap Identification on Nissan 3.5L VQ35HR Engines

The AERA Technical Committee offers the following information to assist with proper identification and placement of camshaft caps on Nissan 3.5L (VQ35HR) engines.

Members have reported receiving cylinder heads in a disassembled state, with camshaft caps loose and unmarked. This creates a challenge for shops attempting to reassemble the heads correctly.

To properly ID the camshaft caps and properly install them in the correct locations, please refer to the following information.

- Each camshaft cap is marked with a letter on the top surface.
- Left Bank (Bank 1): Camshaft caps are labeled A through F.
- Right Bank (Bank 2): Camshaft caps are labeled G through M.

Refer to Figure 1 for visual and tabular guidance on correct cap placement.

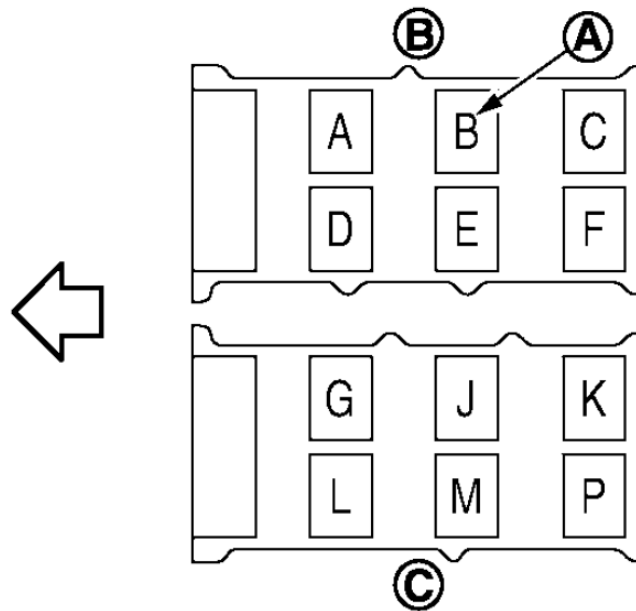


FIGURE 1: Camshaft Location & Identification Marks

(A)	Cam Cap Letter
(B)	Left Bank
(C)	Right Bank
Arrow Logo	Front of Engine