

TECHNICAL BULLETIN



Camshaft and Valve Clearance - Revisions

MODEL All 6.0L V12 1995 MY

DATE 5/95

12-56
Amended
5/95

Remove and destroy Bulletin 12-56, dated 5/95.
Replace with this Bulletin.
Revisions are marked with a bar and in **bold text**.

ISSUE:

The camshafts of all 1995 MY V12 engines have been revised from the following engine numbers.

XJ12 Sedan From engine number 8E 11129
XJS (6.0L) Range From engine number 8D 12334

The camshaft lobe base circle has been increased in diameter by 0.002 in (0.05 mm). The revised camshaft lobe profile does not change valve lift or overlap.

Valve clearance for engines with the revised camshafts must be set to 0.010 in - **0.012 in (0.25 mm - 0.35 mm)**.

ACTION:

If valve adjustment is required on a 6.0L V12 engine, use the following procedure to positively identify the correct valve clearance.

VALVE CLEARANCE IDENTIFICATION PROCEDURE

- 1 Identify the camshaft by the part number on the camshaft front face.
- 2 Refer to the table on page 2 of this bulletin to identify the required valve clearance specification.
- 3 Adjust the valve clearance only to the values specified in the table.

NOTE: Do not use the revised valve clearance settings on engines produced before the engine numbers listed above.
Do not fit revised camshafts to engines produced before the engine numbers listed above. Camshafts for these engines will continue to be available.

XJ12 SEDAN VALVE CLEARANCE SPECIFICATIONS

ENGINE NUMBER	CAMSHAFT NUMBER	VALVE CLEARANCE
UP TO 8E 11128	A Bank - EBC 11415 B Bank - EBC 10907	0.012 in - 0.014 in (0.30 mm - 0.35 mm) 0.012 in - 0.014 in (0.30 mm - 0.35 mm)
FROM 8E 11129	A Bank - NAC 2652AA B Bank - NAC 2653AA	0.010 in - 0.012 in (0.25 mm - 0.30 mm) 0.010 in - 0.012 in (0.25 mm - 0.30 mm)

XJS(6.0L) RANGE VALVE CLEARANCE SPECIFICATIONS

ENGINE NUMBER	CAMSHAFT NUMBER	VALVE CLEARANCE
UP TO 8D 12333	A Bank - EBC 10906 or NAB 2548AA B Bank - EBC 10907	0.012 in - 0.014 in (0.30 mm - 0.35 mm) 0.012 in - 0.014 in (0.30 mm - 0.35 mm)
FROM 8E 11129	A Bank - NAB 2652AA B Bank - NAC 2653AA	0.010 in - 0.012 in (0.25 mm - 0.30 mm) 0.010 in - 0.012 in (0.25 mm - 0.30 mm)