



Variable Valve Timing System allows the classic RB26 to become a new generation engine. "V CAM SYSTEM" & "VALCON type RB26"

## Renewal Details

- Change of Control System & Price
  - VALCON Type RB26 is designed exclusively for this V CAM SYSTEM.
  - Parts specifications and control system were carefully reviewed.
  - Available as a package set at more affordable price.



## Kit Parts

- V Cam Camshaft
- Variable Valve Timing Unit (High Torque capacity vein type / Nickel plated pulley)
- Intake Head Cover (HKS Original cast/Unpainted/Logo Badge Included)
- NEW VALCON Type RB26(Base Map Included) + V CAM Sensor Harness
- Oil Control Valve (Electromagnetic Type)
- Cam Angle Sensor (High Sensitivity Type)
- Oil Line (Engine side oil pressure outlet ~ cam cover)
- Other Short Parts



## Required Parts

- Exhaust Camshaft  
STEP 1 - Recommended : GT-SS/STEP1 256° GT2530/STEP1 264°  
STEP 2 - Recommended : STEP1 272°  
STEP Pro - Recommended : STEP2 272° or above
- Valve Spring  
STEP 2 - HKS Uprated Valve springs (for increasing maximum RPM, Sold separately)  
STEP Pro - HKS Uprated Valve springs required (Sold separately)
- Piston  
STEP 1 - Stock  
STEP 2, Pro - HKS Piston for valve⇔Piston Clearance
- Oil Pump  
HKS Oil Pump recommended
- Head Modification  
STEP Pro required some machining to allow for cam lobe movement



NEW VALCON TYPE-RB26

## Precautions for Use

[Maximum RPM]

- STEP 1 - 8,000rpm (Stock Rev Limiter)
- STEP 2 - 8,000rpm (With Stock Valve Springs)  
8,500rpm (With HKS Valve springs, Sold separately)
- STEP Pro - 8,800rpm (With HKS Valve springs, Sold separately)

[Oil Temperature, Water Temperature]

If oil viscosity is low, oil pressure may not reach adequate levels resulting in valve timing not reaching desired values. Valve timing will not increase when water temperature is under 60°C

[Recommended Oil]

SUPER OIL (RB), Racing Pro Oil 10W-50

[Timing Belt]

Check every 10,000km for wear and tension. Adjust or replace if necessary.

V CAM SYSTEM											
Vehicle	Model	Engine	Model Year		Duration	Valve Lift			Code No.	Price	Remarks
NISSAN											
SKYLINE GT-R	BNR34 BCNR33 BNR32	RB26DETT	89/08-02/08	STEP1	IN 248°	8.6mm	90°~120°	φ32	22007-AN017		Maximum variance 30°, compatible with stock pistons (※) cylinder head facing or thin head gasket could cause contact with valve and piston
				STEP2	IN 264°	8.7mm	75°~125°	φ32	22007-AN018	Variance 50°C HKS Forged Pistons Required	
				STEP Pro	IN 264°	10.0mm	80°~130°	φ31	22007-AN019	Machining hollow camshaft, Variance 50°C, HKS Pistons require.	