



SERVICE BULLETIN

Classification:

EM13-005a

Reference:

NTB13-081a

Date:

February 19, 2014

CHANGE OF INTAKE AND EXHAUST VALVES AND VALVE LIFTER SPECIFICATIONS

This bulletin has been amended to include additional models to the Applied Vehicles and a table on page 2. Please discard previous version.

APPLIED VEHICLES:

2004 – 2013 Titan (A60)
2004 – 2013 Armada (TA60)
2012 – 2013 NV1500/2500/3500 (F80)
2008 – 2012 Pathfinder (R51)
2005 – 2014 Frontier (D40)
2005 – 2014 Xterra (N50)

APPLIED ENGINES:

VK56 and VQ40

SERVICE INFORMATION

The specifications for the intake and exhaust valves and valve lifter service parts have been changed.

- The valve stem length of both intake and exhaust valve has been increased (Figure 1, page 2) and are a direct replacement for the shorter style valve.
- The related valve lifter cup has been shortened (Figure 2, page 2) and the point at which the valve lifter contacts the valve stem has been shortened (not shown).

These service parts will require that the valve and valve lifter be replaced at the same time.

IMPORTANT: If the correct valve lifter is not used with the longer valve, the valve will not close. Refer to the Electronic Service Manual (ESM) for the procedure to replace and adjust the valves.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

The difference in the original parts and the new service parts are shown in Figure 1 and Figure 2 below.

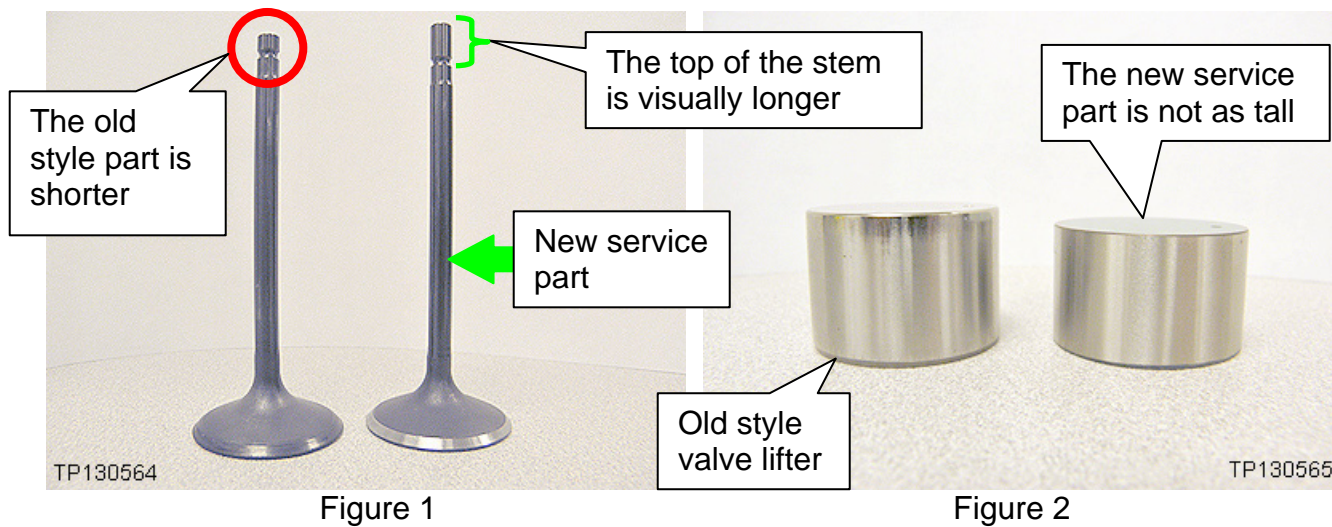


Table "A" below is a list of the new lifter service parts shown in Figure 2, and includes the thickness with corresponding identification number and part number.

Table A

| Nissan Part Number | Thickness "a" | Identification |
|--------------------|---------------|----------------|
| 13231-9HP0A | 3.00 | 300 |
| 13231-9HP0B | 3.02 | 302 |
| 13231-9HP0C | 3.04 | 304 |
| 13231-9HP0D | 3.06 | 306 |
| 13231-9HP0E | 3.08 | 308 |
| 13231-9HP1A | 3.10 | 310 |
| 13231-9HP1B | 3.12 | 312 |
| 13231-9HP1C | 3.14 | 314 |
| 13231-9HP1D | 3.16 | 316 |
| 13231-9HP1E | 3.18 | 318 |
| 13231-9HP2A | 3.20 | 320 |
| 13231-9HP2B | 3.22 | 322 |
| 13231-9HP2C | 3.24 | 324 |
| 13231-9HP2D | 3.26 | 326 |
| 13231-9HP2E | 3.28 | 328 |
| 13231-9HP3A | 3.30 | 330 |
| 13231-9HP3B | 3.32 | 332 |
| 13231-9HP3C | 3.34 | 334 |
| 13231-9HP3D | 3.36 | 336 |
| 13231-9HP3E | 3.38 | 338 |
| 13231-9HP4A | 3.40 | 340 |
| 13231-9HP4B | 3.42 | 342 |
| 13231-9HP4C | 3.44 | 344 |
| 13231-9HP4D | 3.46 | 346 |
| 13231-9HP4E | 3.48 | 348 |
| 13231-9HP5A | 3.50 | 350 |