

VALVE, VALVE SPRING, VALVE SEAL, VALVE GUIDE CONSTRUCTION [LF]

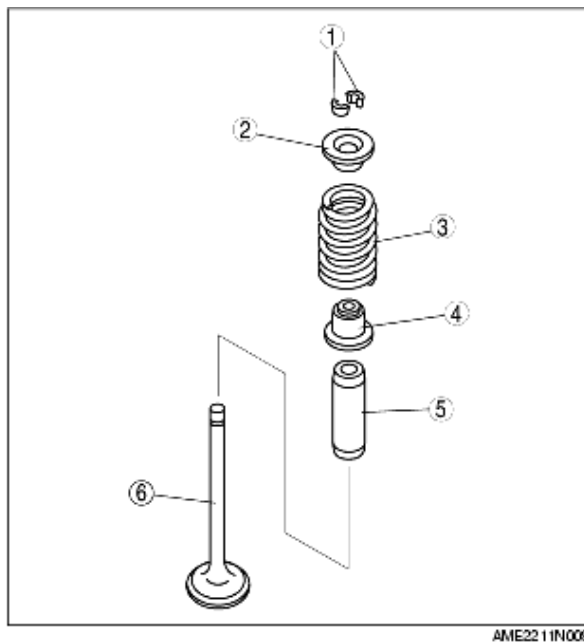
B3E011012111T13

- The valves are made of heat-resistant steel. There are two intake valves and two exhaust valves per cylinder.

VALVE SPEC.

| | | |
|---------------------------------|-----------|-----------------------------------------------------------------------------|
| valve full length | (mm {in}) | Intake valve: Approx. 103.4 {4.070} Exhaust valve: Approx. 104.7 {4.120} |
| Intake valve umbrella diameter | (mm {in}) | Approx. 35 {1.38} |
| Exhaust valve umbrella diameter | (mm {in}) | Approx. 30 {1.18} |
| Stem diameter | (mm {in}) | Intake valve: Approx. 5.5 {0.22} Exhaust valve: Approx. 5.5 {0.22} |

- The intake valve and the exhaust valve are tufftride processed to improve adhesion resistance.
- The valve spring is an beehive type. It has been improved by reducing the size of the upper seat.
- The valve guide is made of sintered alloy to improve abrasion resistance.
- The valve seal is integrated with the lower spring seat to simplify the unit and improve serviceability.



AME22 11N008

| | |
|---|-------------------------|
| 1 | Valve keeper |
| 2 | Upper valve spring seat |
| 3 | Valve spring |
| 4 | Valve seal |
| 5 | Valve guide |
| 6 | Valve |