



NEW PRODUCT

Jan. 22, 2019



Manufacturing Valvetrain For 80-Years & 2-Generations

AVAILABLE NOW

| | |
|--------------|------------|
| Applications | Suzuki® |
| Years | 2009-2016 |
| Models | GSX-R 1000 |

Valve Spring Only Kit • "Performance Rebuild" Beehive

| | KPMI P/N | Type | Max Valve Lift | Installed Height | Seat Pressure | Open Pressure | @ Lift |
|--------------|----------|---------|----------------|--------------------|---------------|-------------------------|--------|
| | 60-61700 | Intake | .425" | 1.335" | 60# | 181# | .425" |
| | | Exhaust | | | | | |
| Kit Includes | | | 16 | CrSi Valve Springs | 16 | H. T. Steel Basewashers | |

- These high quality replacement springs have been designed to exceed the OEM specifications by fitting precisely on the spring shoulder diameter of both the OEM retainers, and KPMI H.T. Steel retainers (P/N 60-61701)
- This kit also includes H.T. Steel basewashers in order to achieve a precision fitment on the large end of our beehive spring which, better controls the lateral motion of the spring, ensuring longer life and less wear on the valvetrain components
- KPMI® has gone a step further and specified the latest in spring materials and processing, for an extremely robust design that will last longer than anything currently on the market
- Unique features of this spring include a beehive variable rate wind to reduce the chances of spring surge due to cam harmonics, Super-Clean Chrome Silicon wire with additional Vanadium and Nickel added for increased strength, and a gas nitrided and double shot peened finish for greater fatigue life

Retainer Set • O. E. M. Replacement • H. T. Steel

| | KPMI P/N | Type | Material | Quantity |
|--|----------|---------|------------|------------|
| | 60-61701 | Intake | H.T. Steel | Pkg. of 16 |
| | | Exhaust | | |

- By utilizing FEA software, it was possible to take advantage of the increased strength and wear resistance of a heat treated steel retainer, while reducing its mass to within grams of a comparable titanium retainer
- These retainers are intended as an OEM replacement and are completely compatible with the OEM springs, keepers, and shims
- The spring shoulder diameter has been designed to match the OEM retainer and spring as well as KPMI's beehive spring (P/N 60-61700), making this retainer your high performance OEM alternative

Valve Spring Kit • Lightweight Racing

| | KPMI P/N | Type | Max Valve Lift | Installed Height | Seat Pressure | Open Pressure | @ Lift | |
|--------------|----------|---------|----------------|--------------------|---------------|--------------------|--------|-------------------------|
| | 60-61650 | Intake | .445" | 1.330" | 43# | 152# | .445" | |
| | | Exhaust | | | | | | |
| Kit Includes | | | 16 | Titanium Retainers | 16 | CrSi Valve Springs | 16 | H. T. Steel Basewashers |

Valve • Titanium • Tensilite® • Intake

| | KPMI P/N | Type | Head Diameter | Stem Diameter | Tulip | O. L. | Remarks |
|--|-----------|--------|---------------|---------------|---------|-------|---------|
| | 60-61662T | Intake | 31.00mm | 1.220" | 0.1765" | 25° | 3.755" |

Cam Tower Bolt • H.T. Steel

| | KPMI P/N | Thread | Hex | T. L. -A- | O. L. -B- | Flange Ø -C- | Quantity | Kit Quantity | Rep. OEM P/N |
|--------|----------|----------|------|-----------|-----------|--------------|----------|--------------|--------------|
| | 60-61690 | M6 x 1.0 | 10mm | 18mm | 40mm | 12.57mm | 20ea. | Pkg. of 20 | 09103-06266 |
| | | | | | | 0.495" | | | 09103-06026 |
| | 41005-4 | M6 x 1.0 | 10mm | 18mm | 40mm | 12.57mm | 4ea. | Pkg. of 4 | 09103-06266 |
| 0.495" | | | | | | 09103-06026 | | | |

Works with other applications (see dimensions for compatibility)

For the remaining products, please see the following page.

ORDER 650-557-2046



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Valve Guide • C630 Bronze

| | | | | | | | | | |
|--|--------|--------|--------|--------|--------|---------|----------------|--------|-----------------|
| | A | B | C | D | E | F | G | Intake | Exhaust |
| | 0.520" | 0.545" | 0.730" | 0.945" | 0.410" | 0.1760" | 0.3773" / Std. | | 60-61670 |
| | | | | | | | +0.001" | | 60-61671 |
| | | | | | | | +0.002" | | 60-61672 |
| | | | | | | | +0.010" | | 60-61679 |

Valve Guide Seal • Viton®

| Stem Diameter | O.L. | Seal O.D. | Seal Style | Designed for these guide specs | | | | Type |
|------------------|-----------------|-------------|------------|--------------------------------|-------------------|--------|--------|---------|
| 4.5mm | 0.331" | 0.370" | 4 | A | B | C | D | Intake |
| | | | | 0.321"±0.005" | 0.281" | 0.120" | 0.240" | Exhaust |
| | Part Number | | Quantity | | Quantity Discount | | | |
| | 71014-4 | | Pkg. of 4 | | 0% | | | |
| | 71014-8 | | Pkg. of 8 | | 0% | | | |
| | 71014-16 | | Pkg. of 16 | | Less- 10% | | | |
| | 71014-50 | | Pkg. of 50 | | Less- 15% | | | |
| 71014-100 | | Pkg. of 100 | | Less- 20% | | | | |

Retail Price List

| KPMI P/N | Description | Retail |
|------------------|--|----------|
| 60-61700 | Lightweight Racing Spring kit , 0.425" lift w/ H.T. Steel Retainers | \$143.50 |
| 60-61701 | H.T. Steel Retainers, O. E. M. Replacement | \$151.09 |
| 60-61650 | Lightweight Racing Spring kit , 0.425" lift w/ Titanium Retainers | \$588.15 |
| 60-61662T | Titanium Tensilite® Valve, Intake, Standard | \$75.69 |
| 60-61670 | C630 Guide, Intake / Exhaust, Standard | \$16.44 |
| 60-61671 | C630 Guide, Intake / Exhaust, +0.001 | \$16.44 |
| 60-61672 | C630 Guide, Intake / Exhaust, +0.002 | \$16.44 |
| 60-61679 | C630 Guide, Intake / Exhaust, +0.010 | \$16.44 |
| 60-61690 | H.T. Steel Cam Tower Bolt (Pkg. of 20) | \$55.76 |
| 41005-4 | H.T. Steel Cam Tower Bolt (Pkg. of 4) | \$11.14 |
| 71014-4 | Red Viton® Seal, 4.5mm Stem x 0.321" Guide Seal Detail (Pkg. of 4) | \$13.96 |
| 71014-8 | Red Viton® Seal, 4.5mm Stem x 0.321" Guide Seal Detail (Pkg. of 8) | \$27.92 |
| 71014-16 | Red Viton® Seal, 4.5mm Stem x 0.321" Guide Seal Detail (Pkg. of 16) | \$50.25 |
| 71014-50 | Red Viton® Seal, 4.5mm Stem x 0.321" Guide Seal Detail (Pkg. of 50) | \$148.33 |
| 71014-100 | Red Viton® Seal, 4.5mm Stem x 0.321" Guide Seal Detail (Pkg. of 100) | \$279.21 |

Contact a KPMI® Sales Representative Today!

(650) 650-557-2046, Ext. 802

VISIT US AT WWW.KPMI.US