

RACE TECH

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RT HI-PERFORMANCE FORK SPRINGS – V-ROD

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1 pg

INCLUDES: (2) Springs, (4) Preload Washers, Spacer material - **Cutting Preload Spacers is required.**

Thank you for choosing RT Hi-Performance Fork Springs. These Progressive Rate Springs are manufactured from "suspension" quality chrome silicon wire, shot peened, heat treated and 100% tested. They are the finest available.

Please read the instructions completely before proceeding. If you have questions please call Race Tech 951.279.6655. If you are unfamiliar with this process, stop and have a qualified mechanic assist you.

STEP 1 - Remove the fork cap. Use caution as stock springs are preloaded heavily and the cap can be released with a lot of force. Remove the spring and spacer. Dump your old oil.

STEP 2 - Calculate the required Spacer Length and cut the spacer. Remember to include spring washers and Emulator if used. The Preload will be set to 1" (25 mm).

- Assemble the forks without the springs and spacers. Install the Emulator (if used).
- Extend the fork all the way. Drop the spring and spring washer into the fork tube. Use a tape measure to record the distance from the top of the fork tube down to the top of the spring washer (DISTANCE 'A' – see drawing).
- Measure the Fork Cap Height (DISTANCE 'B' - see drawing).
- Calculate the spacer length **Spacer Length = A – B + 1"**
- Cut and deburr the spacers
- Be sure to put spring washers on both ends of the preload spacer during final assembly and include them in your calculations.

STEP 3 - Install 10 wt oil and bleed the fork by pumping the fork slowly. Set the oil level to 5.1" (130 mm) with the springs out, the forks collapsed.

STEP 4 - Install the springs (tight coils up), spacers and washers. You must have washers on both ends of the spacer. **A steel washer must always be between the cap and the spring.**

STEP 5 - Install the cap.

STEP 6 - Enjoy!

