

# RACE TECH GOLD VALVE CARTRIDGE EMULATOR

## FEGV STANDARD

<IPM FEGV STD web.doc> © 3-25-21

Go to [racetech.com](http://racetech.com)...

**DVS Custom Setup Sheet** – see DVS Valving Search

Set your Emulator Valving to the DVS Setup Sheet

**Instructions** Anti-Dive, Rebound Adjust, other stock Valving – see Product Search

**Fork Springs** – Most will need new springs – see Product Search

**Fork Spring Preload** – It is critical to set preload.

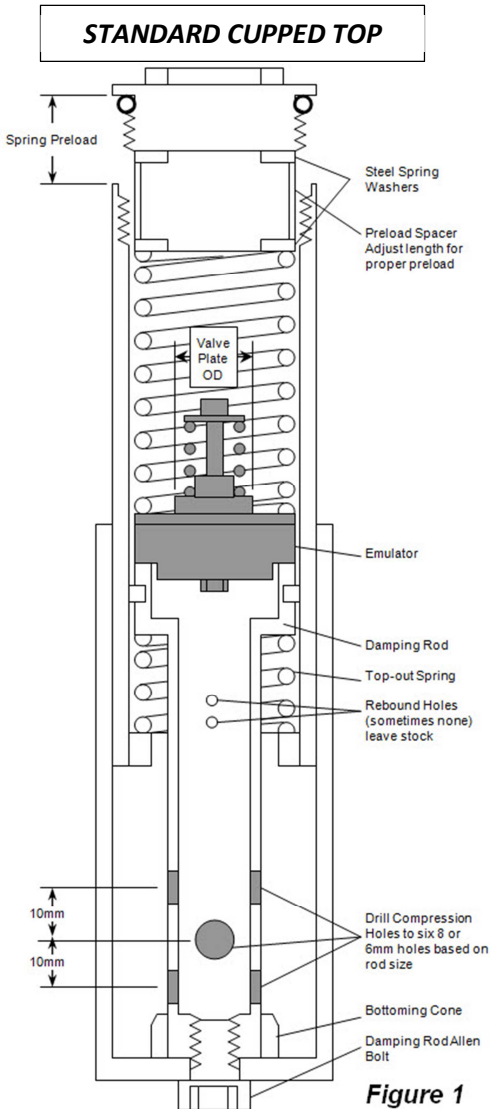
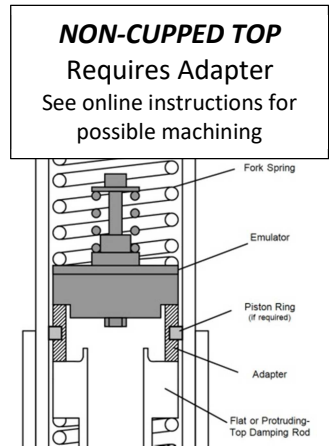


Figure 1



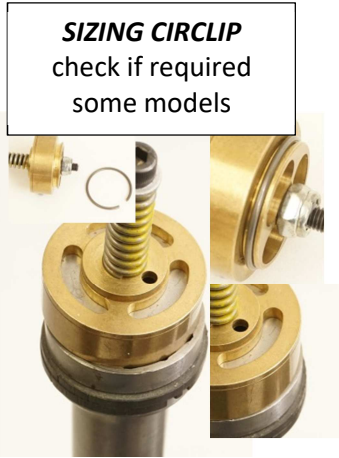
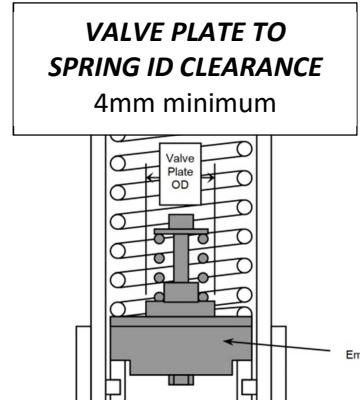
**NON-CUPPED TOP**  
Requires Adapter  
See online instructions for possible machining

**EMULATOR VALVING**  
From DVS Setup Sheet

**BLEED HOLES**  
Drill to the correct number

**VALVING SPRINGS**  
26 lb – Silver  
40 lb - Blue  
64 lb - Yellow  
101 lb - Red

**VALVE SPRING PRELOAD**  
Turns from zero preload  
**Tighten jam nut before use.**



**ADD COMPRESSION FEED HOLES**

Enlarge existing compression holes and add holes if necessary so you end up with six holes (3 sets of 2 holes).

Damping Rods 17mm or larger - drill 8mm (5/16") holes.  
Damping Rods smaller than 17mm - drill 6mm (1/4") holes.

New holes should be spaced lengthwise above the existing holes at 10 mm (7/16") increments. Place each set of two holes 90 degrees from the last set so the strength of the rod is maintained.

See online instructions for Anti-Dive forks. The holes will be above the bottoming cone.

**FORK SPRING PRELOAD**  
In this example: 18 – 11 = 7mm  
Adjust with spacer length or washers  
Details online

