

DESIGNED TO PERFORM

### F25R, THE "CLASSIC" HYDRAULIC CARTRIDGE

It is aimed at sport bikes and maxi naked for track and fast-road use.

Hydraulic cartridge kit that completely replace all the existing original fork internals allowing a full adjustment of **Compression, Rebound, Preload**.

Normally provided as symmetric system with compression valve units on the bottom.

In case of asymmetric system the cartridge is provided using the innovative "quad-valve system".

In any case it allows a great range of adjustment as required under racing conditions.

Performance, handling, stability and damping sensivity are significantly increased.

Each adjustment click makes a difference to the damping and can be felt.

All components are made from Alu alloy with oxidation surface treatment with the focus to ensure long wear life. The kit is supplied with specific high sliding fluid.

It is fully and easily overhaul for proper and regular maintenance.

#### Plug & Play

The cartridge kit is supplied ready to fit and no modification to the original fork is required for the assembly.



Fork cap with the easy adjustment units:  
 ■ **Preload** unit assembled on axial roller bearings with reference clicks (range: 15 mm)  
 ■ **Rebound** unit with reference clicks (range: 38 clicks)

Technopolymer spring guide

Linear spring in Si-Cr alloy Steel, available in different rates, based on the bike model and rider weight  
 The springs can be changed quickly without removing the forks from the bike

12 mm diameter pumping-rod made from Alu alloy with anti-friction lapping and hard oxidation surface treatment

Cartridge cylinder made from Alu alloy  
 Lapped finish to grant an effectively "zero" friction and oxidation surface treatment  
 25 mm diameter Compression and Rebound valves, supported by oilless slide bearings, machined from Alu alloy billet, with its own dedicated shims set and flow dynamics specially designed for better control of the damping

Specific size bottom spacers to fit correctly on each front fork

Compression valve set in place of the original one (when provided) with reference clicks (range: 28 clicks)



### F25R LA CARTUCCIA IDRAULICA "CLASSICA"

Ideale per moto supersportive e maxi-naked per uso su pista e strada.

Il kit cartuccia sostituisce completamente tutti i componenti interni originali della forcella consentendo una regolazione completa della **Compressione, Estensione e Precarico**.

Normalmente è fornito come sistema simmetrico completo di set valvole per regolazione della compressione sul piedino.

Nel caso di kit asimmetrico, la cartuccia viene fornita utilizzando l'innovativo sistema "quad-valve".

In ogni caso consente una ampia gamma di regolazioni: prestazioni, maneggevolezza, stabilità e sensibilità allo smorzamento sono notevolmente aumentate.

Ogni clic di regolazione viene facilmente percepito dal pilota.

Tutti i componenti sono realizzati in lega di alluminio con trattamento superficiale di ossidazione per garantire una lunga durata dei componenti soggetti a maggiore usura.

Il kit è fornito con fluido specifico ad alto scorrimento.

Completamente e facilmente revisionabile per una corretta e regolare manutenzione.

#### Plug & Play

Il kit viene fornito pronto per il montaggio e non richiede modifiche alla forcella originale.

### symmetric system

**Rebound** unit with reference clicks (range: 38 clicks)

**Preload** unit assembled on axial roller bearings, with reference clicks (range: 15 mm)

**Compression** unit with reference clicks (range: 38 clicks)



In case of symmetric fork cartridge system: at the top of the fork cap: the Rebound adjuster at the bottom of the fork: the Compression adjuster

### asymmetric system

**Compression** unit with reference clicks (range: 38 clicks)

**Preload** unit assembled on axial roller bearings, with reference clicks (range: 15 mm)

**Rebound** unit with reference clicks (range: 38 clicks)



In case of asymmetric fork cartridge system: both adjusters, Compression & Rebound are at the top of the fork cap



On demand the technopolymer fork cap tools are available

**TF2** fork cap tool 36 (8 sides)

**TF3** fork cap tool 28 (6 sides)

