

# Surviving the ups and downs of Monaco

Formula 1 teams preparing for the unique challenge of Monaco's street circuit strive for a suspension set-up balancing flexibility and strength to give their cars every chance of surviving the close confines, tight turns and uneven surfaces of the racing year's most prestigious event

**TACKLING BUMPS:** "Soft" set-up makes suspension as independent as possible, allowing one wheel to ride over change of surface with minimal effect on other three

## Wishbones:

Join wheel to chassis

## Anti-roll bar

Springs/  
damper

Rocker arm

Torsion bar

## Push-rod

Transfers wheel movement to damper via rocker arm

Wider upper wishbone\*

Notch

Wheel hub

**TIGHTER CORNERING:** Steering angle increased by cutting notch in wishbones to stop wheel rims touching them

*Cutaway view shows general rather than actual layout of components*