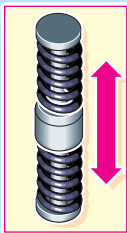
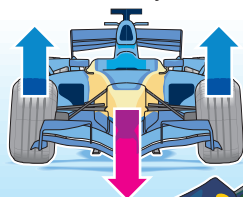


Renault system contravenes regulations

Renault's hopes of holding off Ferrari to retain the Formula 1 title received a setback after the sport's governing body, the FIA, ruled that the team's "mass damper" system was illegal. Renault will now have to contest the remaining five races of the season without the component

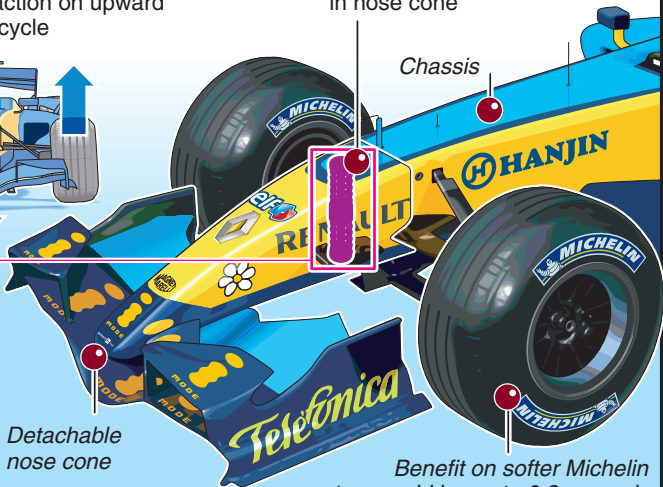
Vibration: When tyre hits bump or kerb, car "bounces" at frequency of 8-9Hz, losing road traction on upward movement of cycle

Mass damper: 9kg weight suspended between springs in nose cone



Detachable nose cone

When car bounces, weight moves with same frequency in opposite direction, dampening vibration to maintain grip



Benefit on softer Michelin tyre could be up to 0.3 seconds per lap on tracks with heavy braking and high kerbs