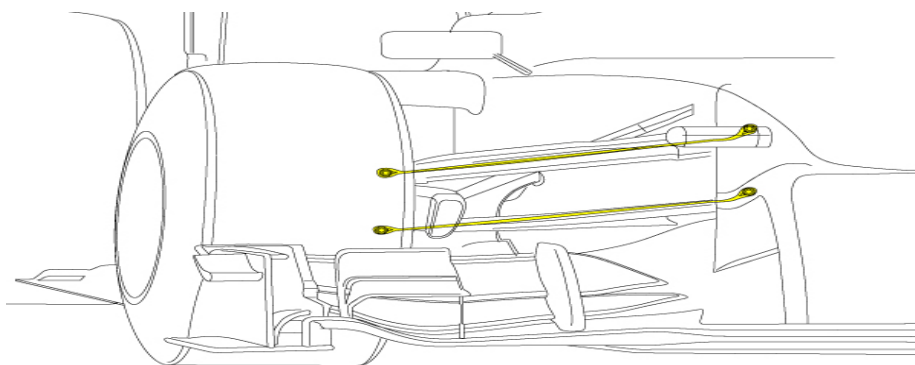


Wheel Restraint Cables

FIA 8864-2013

DTCAG is a test institut recognised by the FIA for carrying out dynamic tests on wheel restraint cables, so-called „tethrs“, for racing vehicles in accordance with FIA standard 8864-2013.

- ✓ **FORMULA 1**
- ✓ **LE MANS PROTOTYP (LMP)**
- ✓ **SPORT PROTOTYPES**
- ✓ **TETHER**
- ✓ **DEVELOPMENT**
- ✓ **CERTIFICATION**



Tether (yellow) installed in Formel 1 car

Both Formula and LMP cars must have wheel tethers installed in accordance with FIA standard 8864-2013. We have the test facility for dynamic testing to determine the energy absorption capacity of tethers. DTC is a FIA accredited test lab for the performance of tests in accordance with the FIA standard 8864-2013.

YOUR BENEFITS

Development tests

Extended measurement equipment and high-speed video recordings possible.

Certification tests

Globally recognised reports for product certification by the FIA.

Flexible

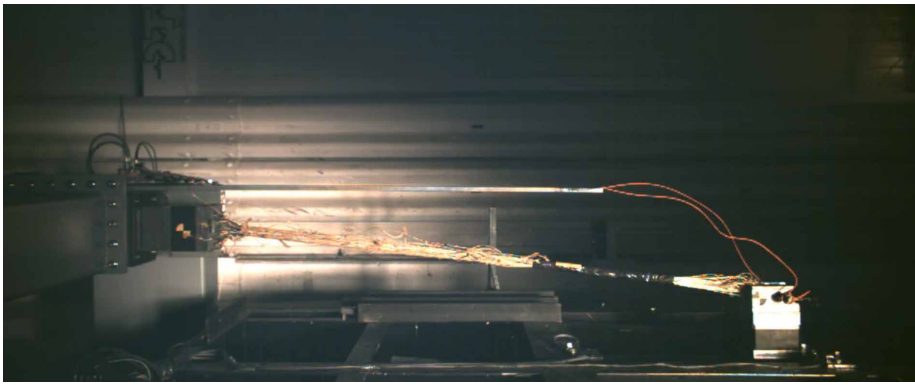
Tests can be carried out at short term.

Test capacity

Up to 15 tests per day possible.

Individual

Test facilities can be modified to customer requirements.



Test 0° arrangement

We perform straight (0°) and redirected (90°) tests.

We may adjust the pull angle within the guidelines for optimal results.



Raised test rig for angle adjustment and high-speed video setup

For development tests, high-speed video recordings or special test constellations with extended analyses can be used on request. For example, sharp edges as deflection points to investigate the behaviour of the tethers.



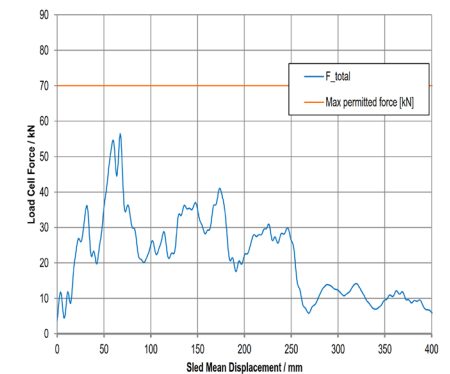
Development test 90° arrangement with redirection at a sharp edge



Test 0° arrangement



Test 90° arrangement



Graph with force over displacement



FIA seal

