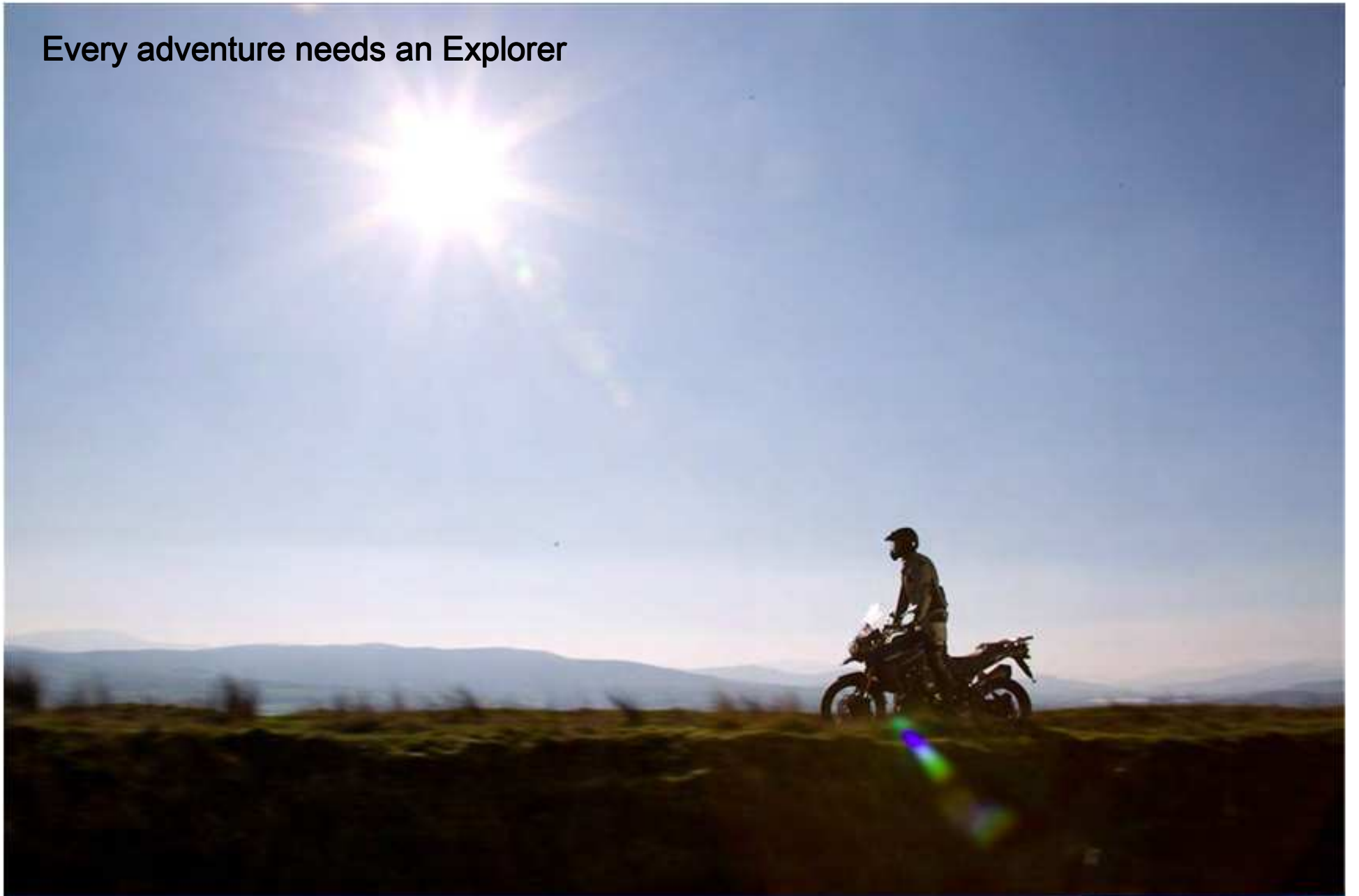


Every adventure needs an Explorer



TIGER EXPLORER - Project Objectives

- **Attractive alternative to the R1200GS**
- **Basic Requirements:**
 - Comfort for two
 - Robust and reliable
 - Fully equipped
 - Off-road characteristics
- **Key Benefits:**
 - Performance
 - Sophistication
 - Alternate Character and Sound
 - Vehicle Dynamics

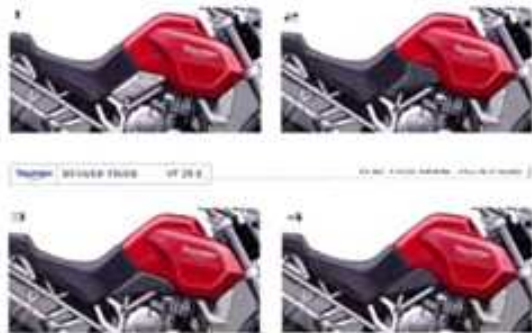
Most Important Decisions

- Triple (of course!)
- Shaft Drive and Swing-arm
- 1215cc
- 130PS Minimum Goal
- Ride by wire + Cruise Control
- High-Performance Alternator
"Piggyback"

Project-Schedule

- Concept Start: July 2006
- Start of the Project Team: January 2007
- Styling Adopted: September 2007
- Frame Geometry Set: June 2009
- First Engine Runs: January 2010
- First Propelled Prototype Ready: May 2010
- Revised Styling Adopted: January 2011 (Tank Modified)
- Rear Shock Adopted: July 2011
- Volume Production: January 2012

Styling - Original-Concept



Styling - Original-Concept

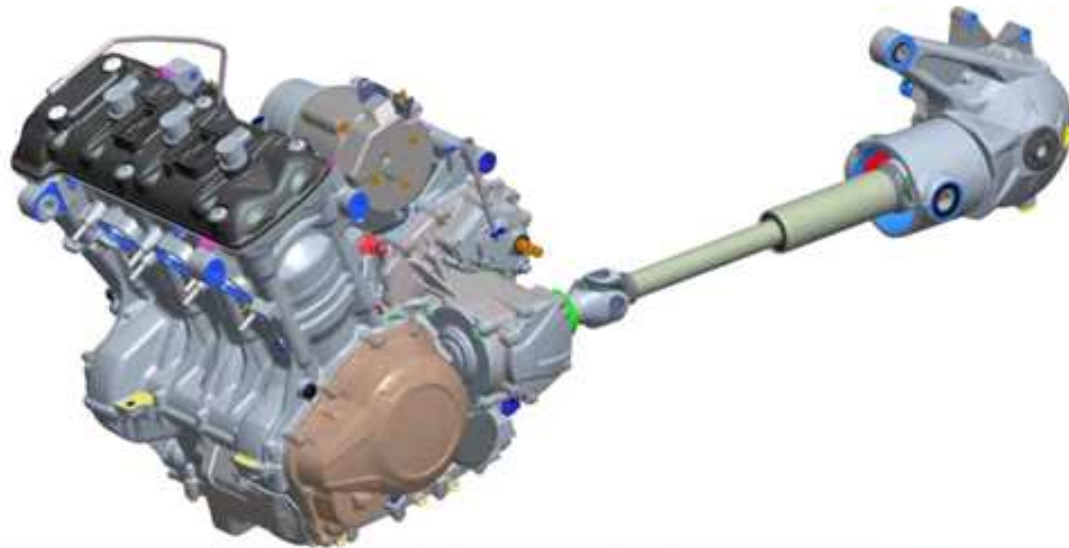


Styling – Why Change?

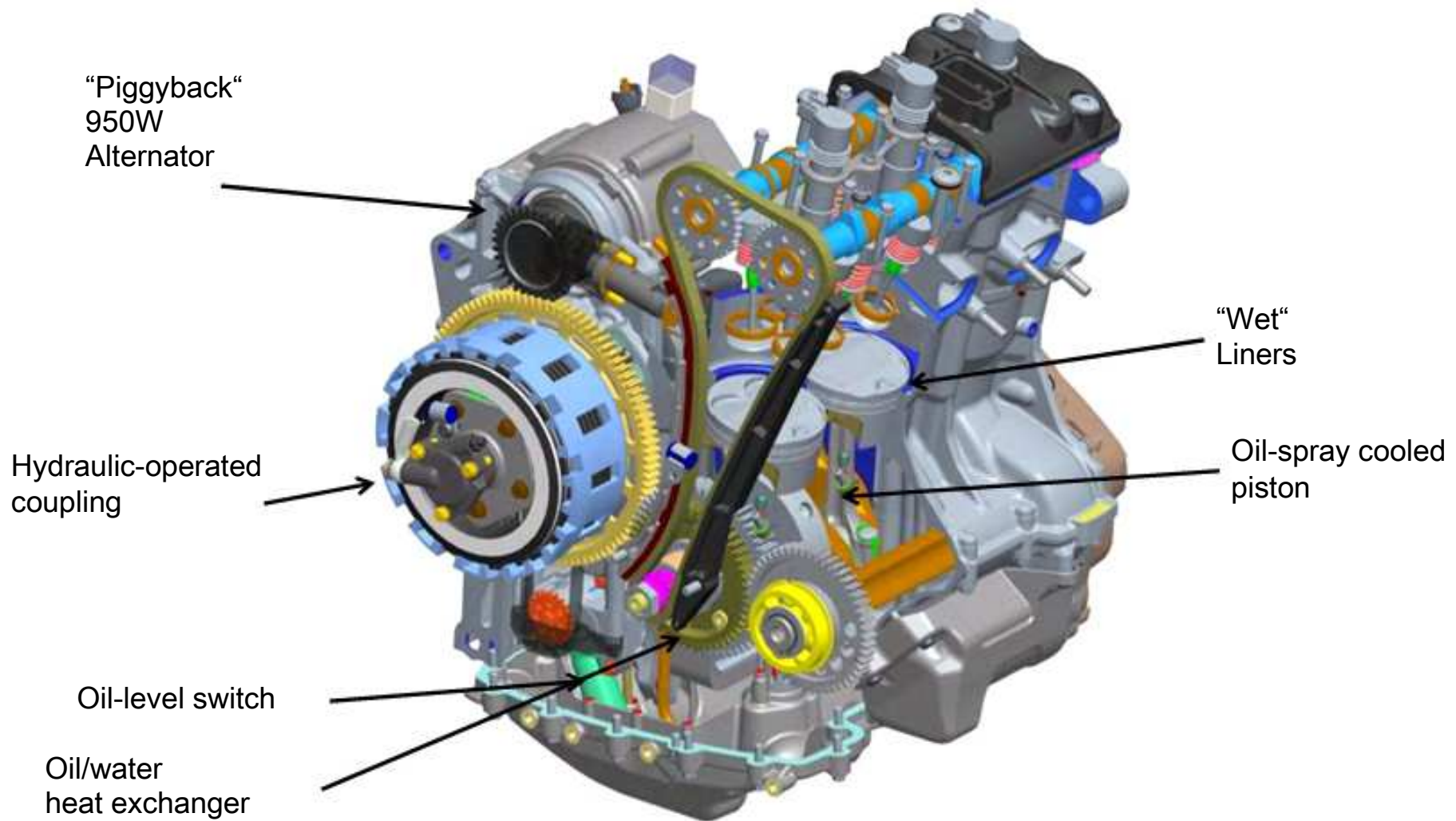
- Original concept had a 25-litre tank volume
- Tank sides grew as-per design requirements
- Appearance dominated by large tank volume
- Therefore styling decision made to reduce tank volume to 20-litres
- Decision in September 2010

TIGER EXPLORER – Engine Overview

- All-new 1215cc Triple
- 137PS @ 9000rpm, 121Nm @ 6400 rpm
- Rated engine speed 9500rpm
- High-performance alternator (950W)
- Durable shaft-drive
- Electronically-controlled throttle - "ride by wire"
- Hidden water & oil lines
- Long service intervals – 10000miles / 16000km

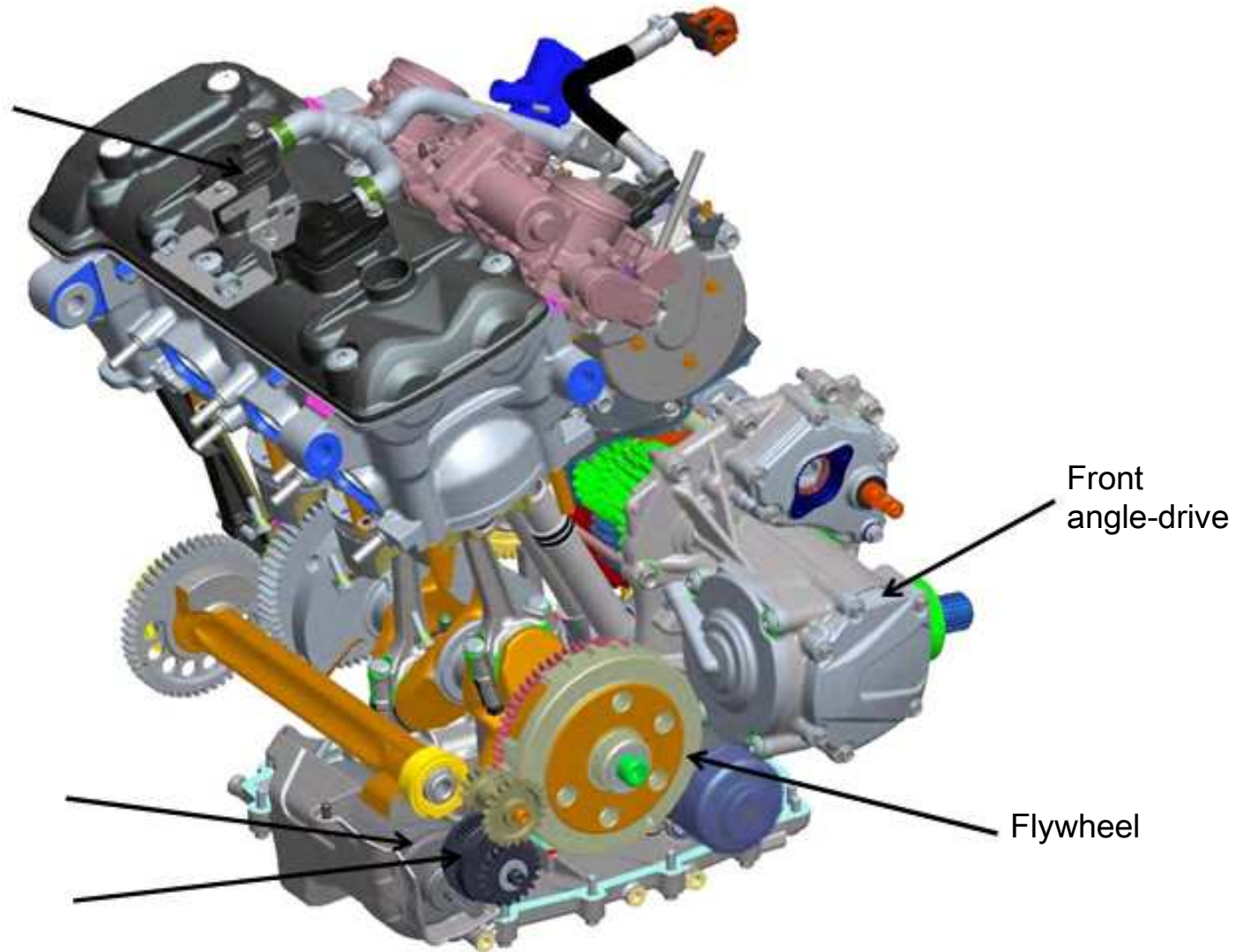


TIGER EXPLORER - Engine



TIGER EXPLORER - Engine

Secondary
air-valves



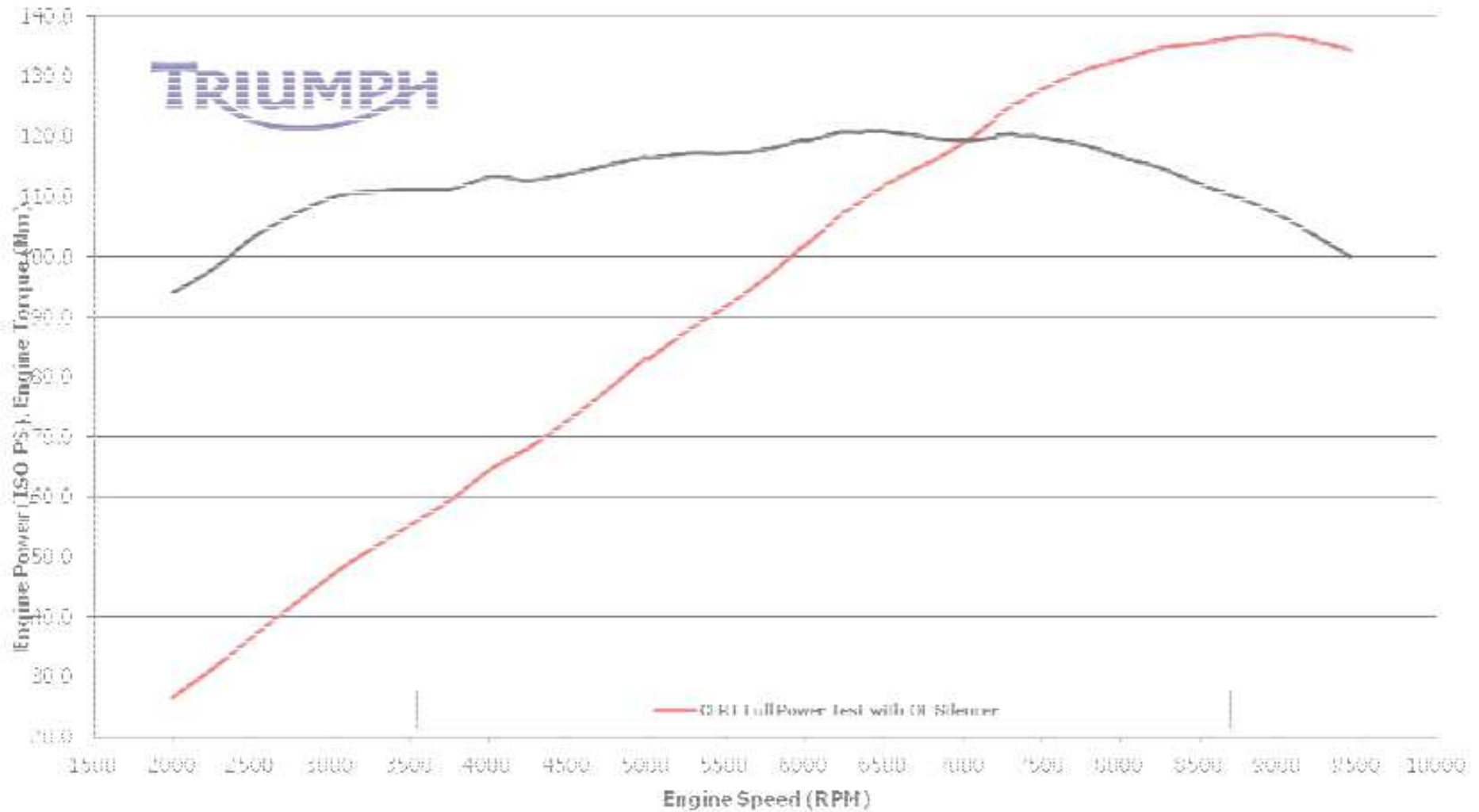
Starter motor

Starter clutch

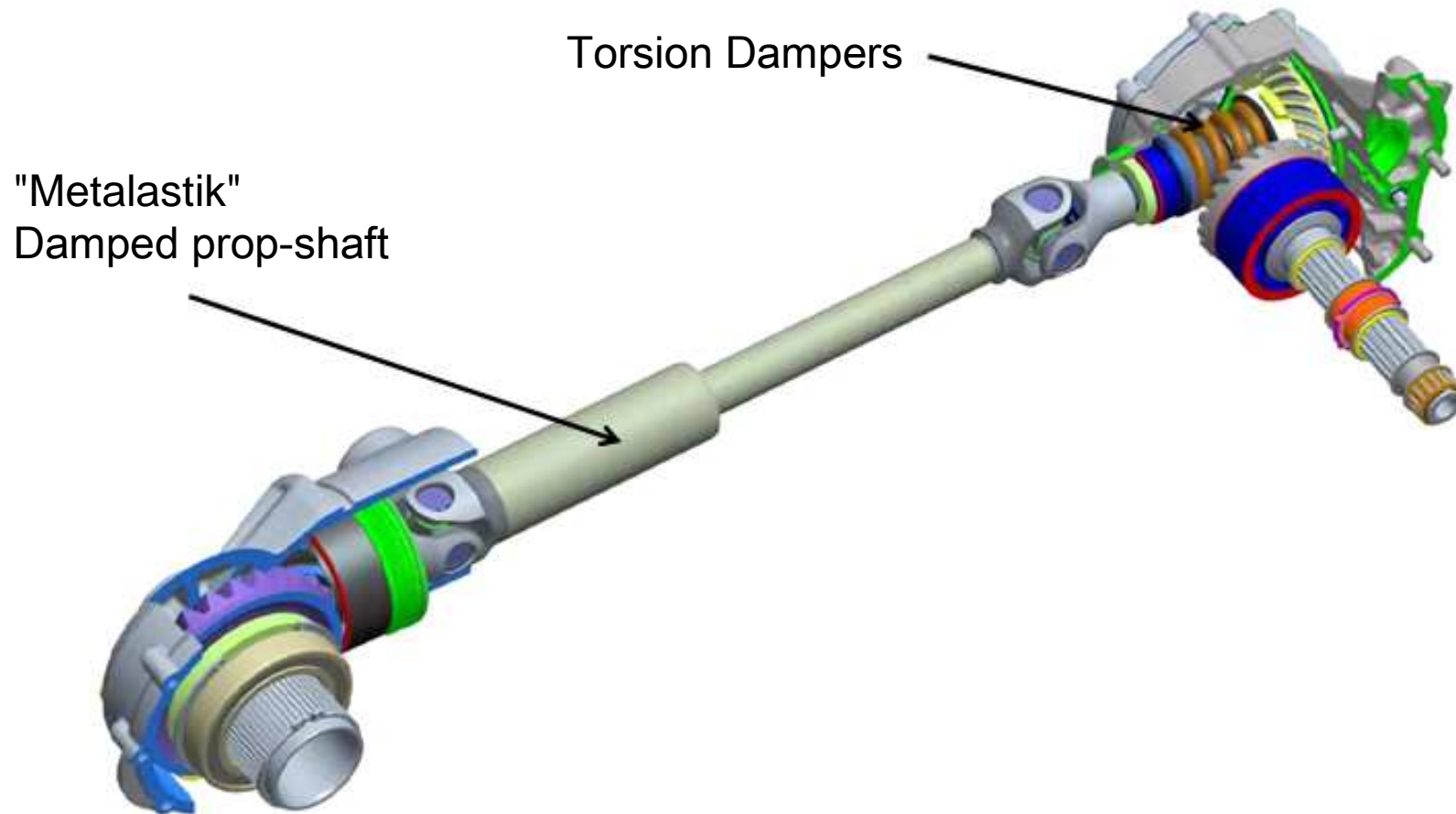
Front
angle-drive

Flywheel

Tiger Explorer – Power and Torque



TIGER EXPLORER – Shaft-Drive



New "Drive by Wire" System

- Benefits:
 - Easy throttle control
 - Maintenance-free
 - Reduced fuel consumption and exhaust emissions
 - Precise motion control
 - Increased security – for permanent system checks of hanging throttle valves and throttle
 - Proven millions of times (cars & aviation)
 - Advanced traction control & cruise control
- System Description:
 - Two hall-effect sensors in the throttle (no physical contact, no wear)
 - No trains
 - Throttle valve actuators driven by new ECU
 - Dual processors – one controls the other
 - New ECU with twice the speed and memory as the previous ECU



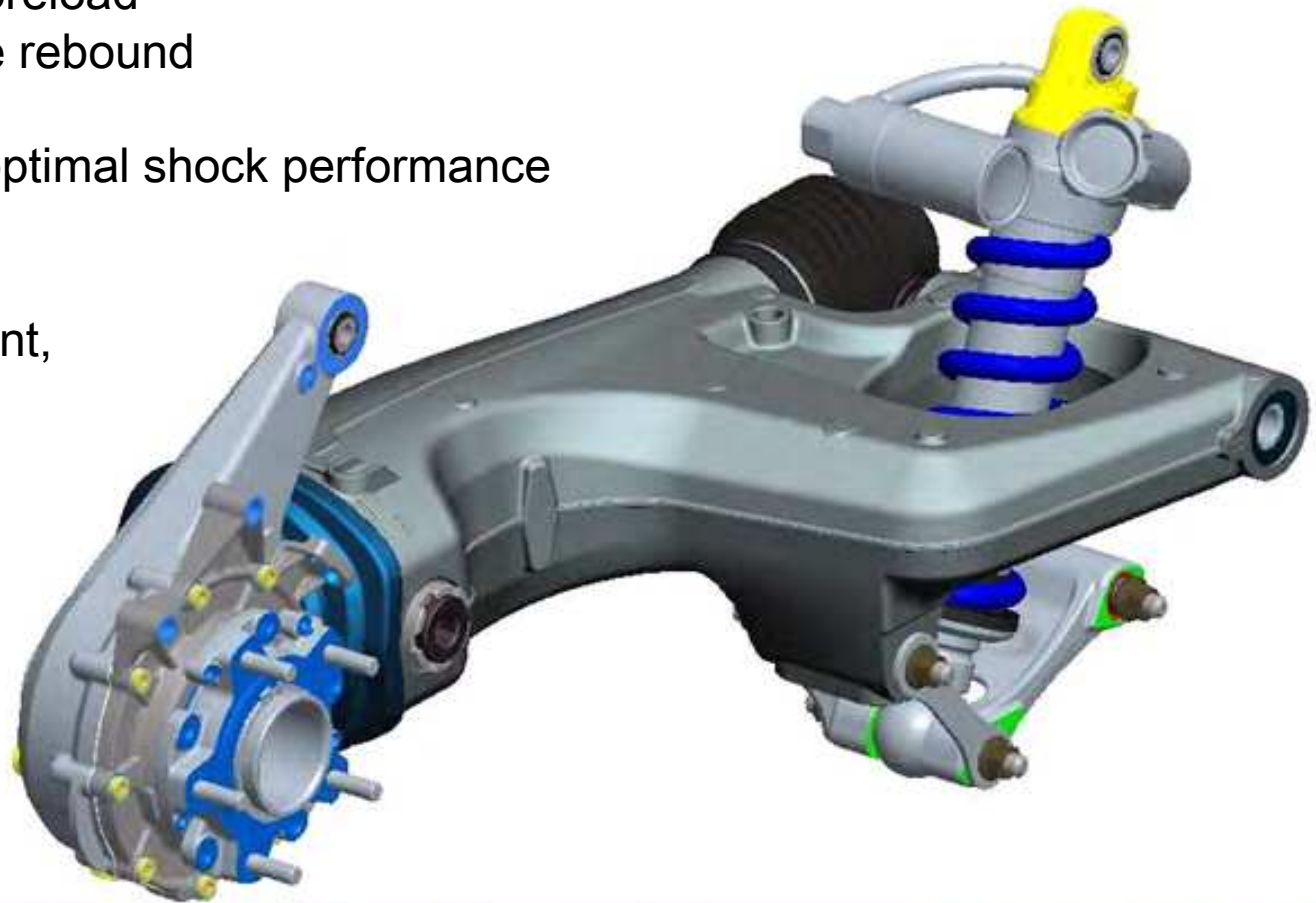
TIGER EXPLORER: Full Instrumentation

- Oil warning light
- Ambient temperature
- Service indicator
- Gear indicator
- Fuel gauge
- 2 Trip-Computer
 - Fuel consumption
 - Residual range (MTE)
 - Distance
 - Time
 - Average speed
- Time
- "Home" button
- Hazard warning lights
- Settings:
 - ABS - on/off
 - Traction control - Off / Level1 / Level 2
 - Indicator self-reset - on/off
- TPMS-ready



TIGER EXPLORER – Kayaba Shock Absorbers

- 46mm Forks with adjustable preload
- Spring strut with integrated dirt scraper, reservoir and hydraulic preload (hand-wheel), adjustable rebound
- Progressive linkage for optimal shock performance
- Spring travel: 190mm front, 194mm rear



TIGER EXPLORER – Quality and Finish



TIGER EXPLORER – Features and Dimensions

- Adjustable handlebars
- Quick-adjust headlight beam
- Adjustable seat height - 840/860mm
- Storage compartment under pillion seat
- Power socket
- 18Ah high performance battery
- Switched 2-stage traction control
- ABS on/off control
- Cruise control
- Centre stand
- Self-resetting indicators
- 20 Litre fuel tank capacity
- Rake: 23.9°
- Trail: 105.5 mm
- 259kg Fully fuelled (ready to ride)
- 222kg Payload



TRIUMPH

GO YOUR OWN WAY

Tiger Explorer Summary

TIGER EXPLORER

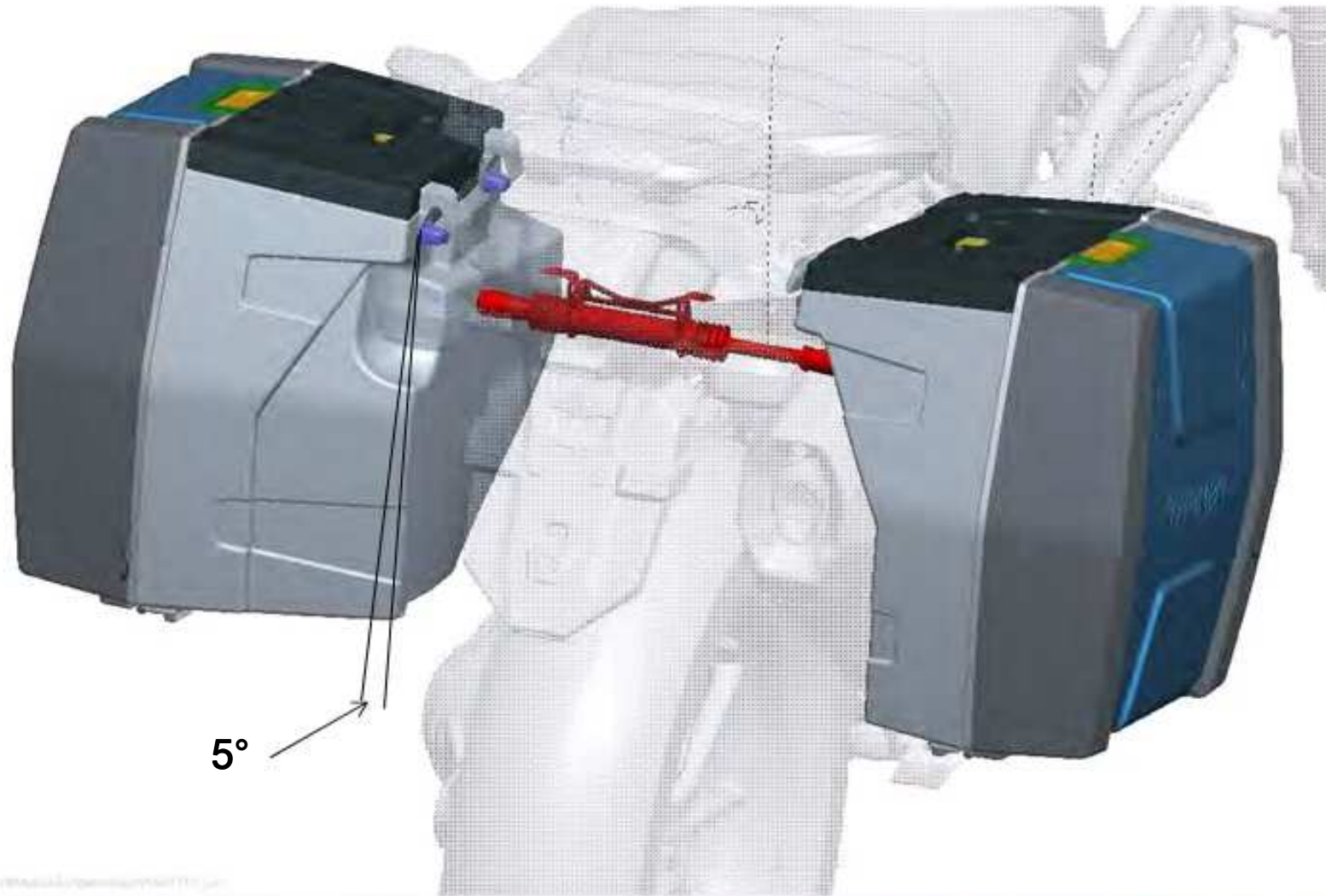
- Comfort and well-being for rider and pillion
- 3-Cylinder performance and character
- Intuitive, precise handling
- Quality and durability
- Comprehensive standard equipment with:
 - Ride-by-wire
 - ABS on/off
 - Switchable traction control
 - Cruise control
 - On-board computer
 - Centre stand
- The most desirable and exciting motorcycle in its class
- Available from March 2012 in Phantom Black, Sapphire Blue and Graphite colours

EXPLORER
ACCESSORIES

Two-Case System

- Integrated aluminium panels
- Unobtrusive brackets
- Volume: 37L left, 25L right
- Left case holds a full-face helmet





Top Box

- 35L Volume (can hold a full-face helmet)
- 10kg Load carrying
- Automatic connection to internal 12V outlet
- Movable adaptor plate for handling lateral forces



Explorer Tank Bag

- Stylish, semi-solid construction with polyurethane base and lid
- Easy-grip zip fasteners
- Base-plate to be ordered separately
- Volume 15-18L

Details:

- Integrated rain cover
- Map case
- Removable pocket
- Shoulder strap for use as a rucksack
- Inner lining



Adventure Tail-Pack

- Semi-solid construction with polyurethane base and side-walls
- 50L Volume
- Handy Zipper
- Includes loose lining
- Can be mounted on luggage rack and pillion seat
- With Triumph and Tiger Logos

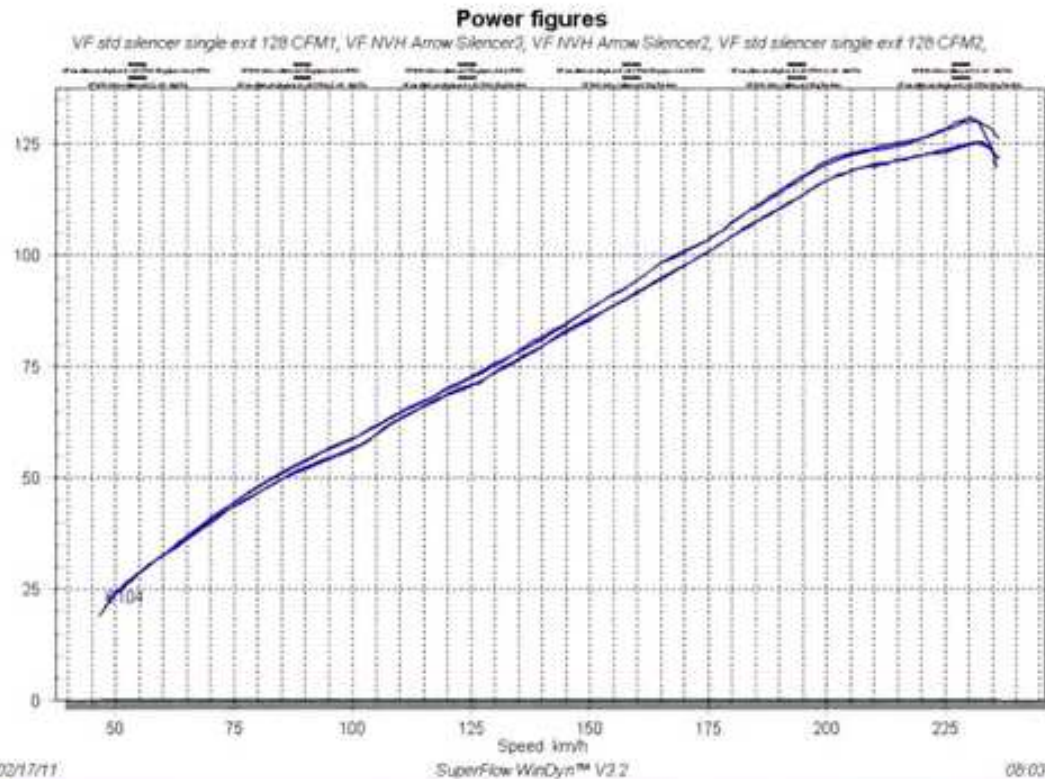


Waterproof Duffel Bag

- Waterproof construction
- 40L Volume
- Roll-top closure with sturdy nylon buckles
- Mounts on pillion seat
- Built-in carry-straps and compression straps
- Triumph Logo
- Includes all mounting straps

ARROW Silencer

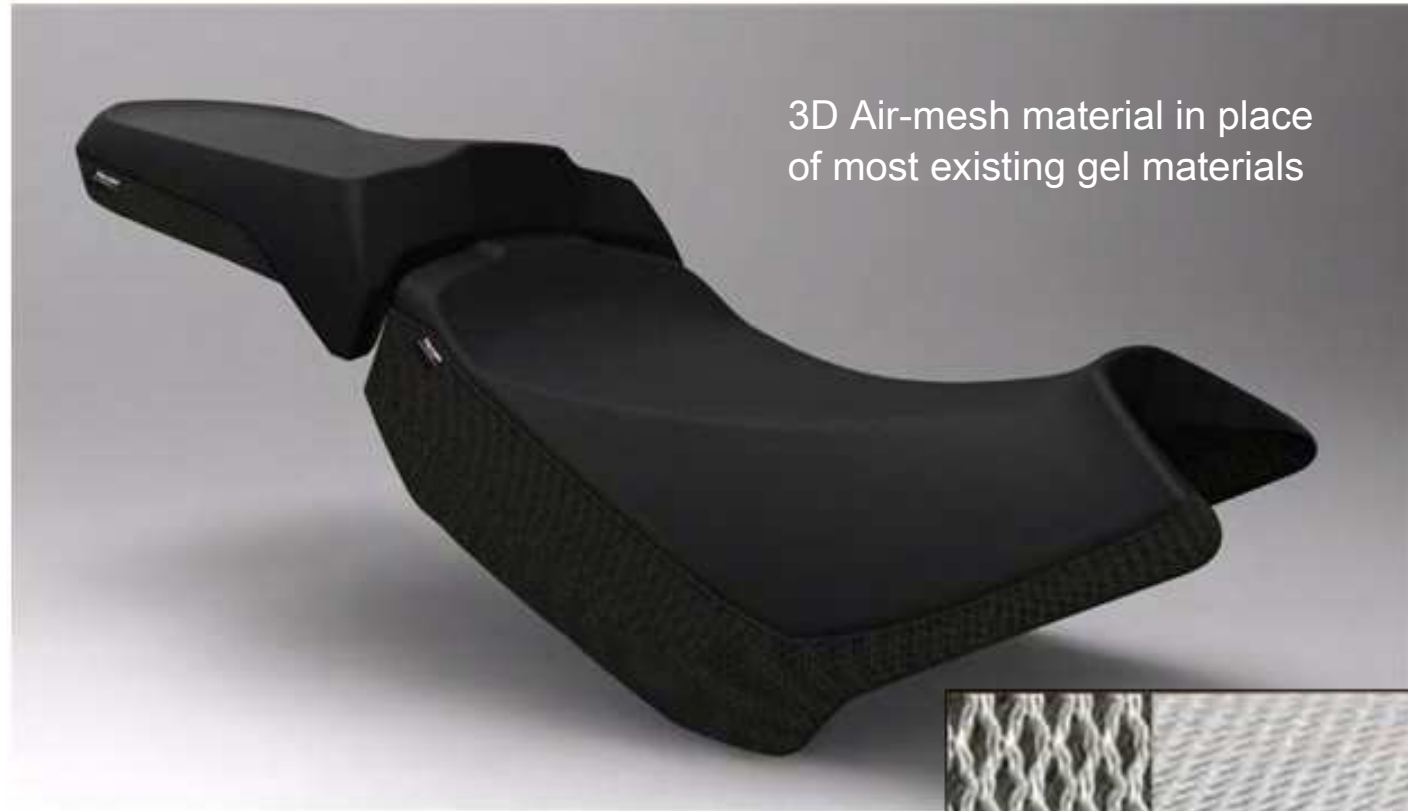
- Titanium casing, carbon end-cap, carbon fixing
- Meets approvals
- 2.3kg (37%) Weight saving
- Up-to 3PS power increase



- Thermostatic Control
- Two-stage heating
- Materials use silver stitching
- Quick Release connectors for quick seat removal



Seat height adjustable from 840 - 860mm



3D Air-mesh material in place of most existing gel materials

Low seat -30mm
High seat +35mm





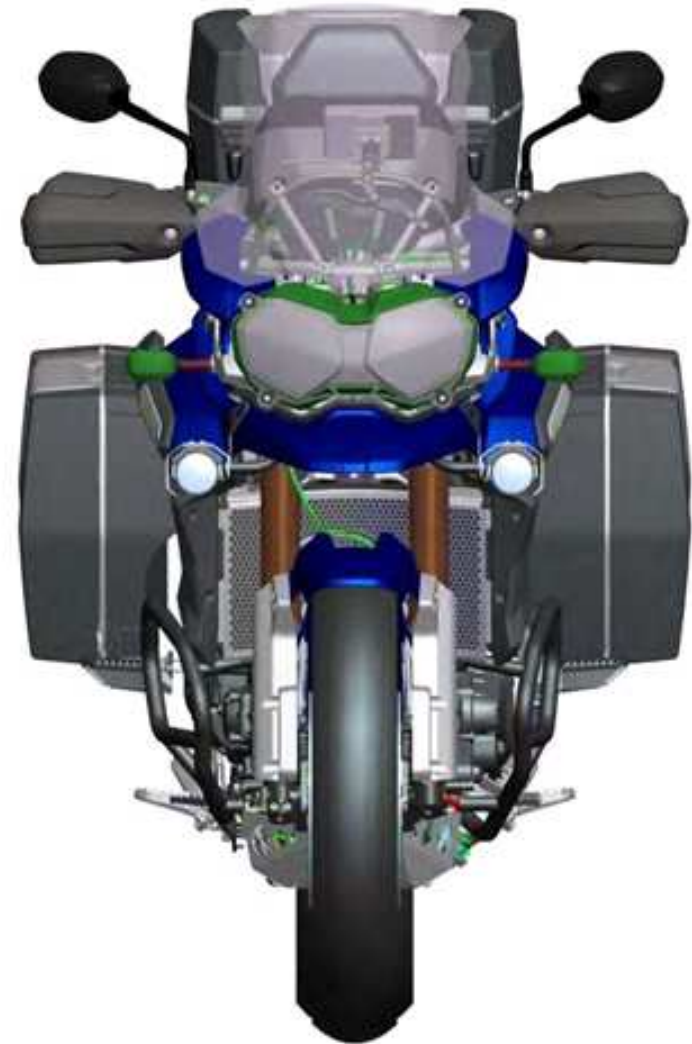
- Explorer-Design hand-guards
- Impact resistant nylon construction
- Protects riders hands from wind and shocks

- Newly constructed heated grips for optimum function in conjunction with the new "ride-by-wire" throttle grip rotation
- Slimmer design (same size as original grips)
- Two-stage temperature control with heating display



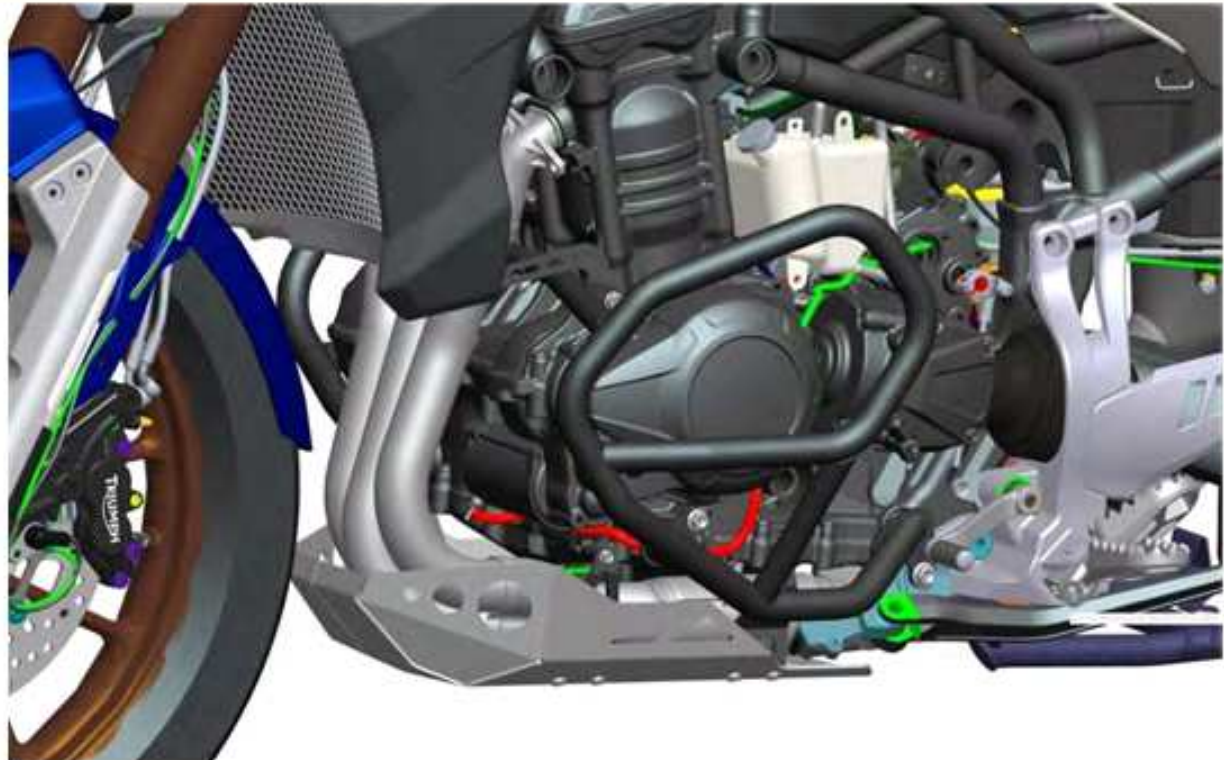
55W Halogen Fog Lights

- SAE and EC tested
- Rugged mounting system with powder coating
- Extra strong alternator to supply electrical accessories



Aluminium Sump Guard

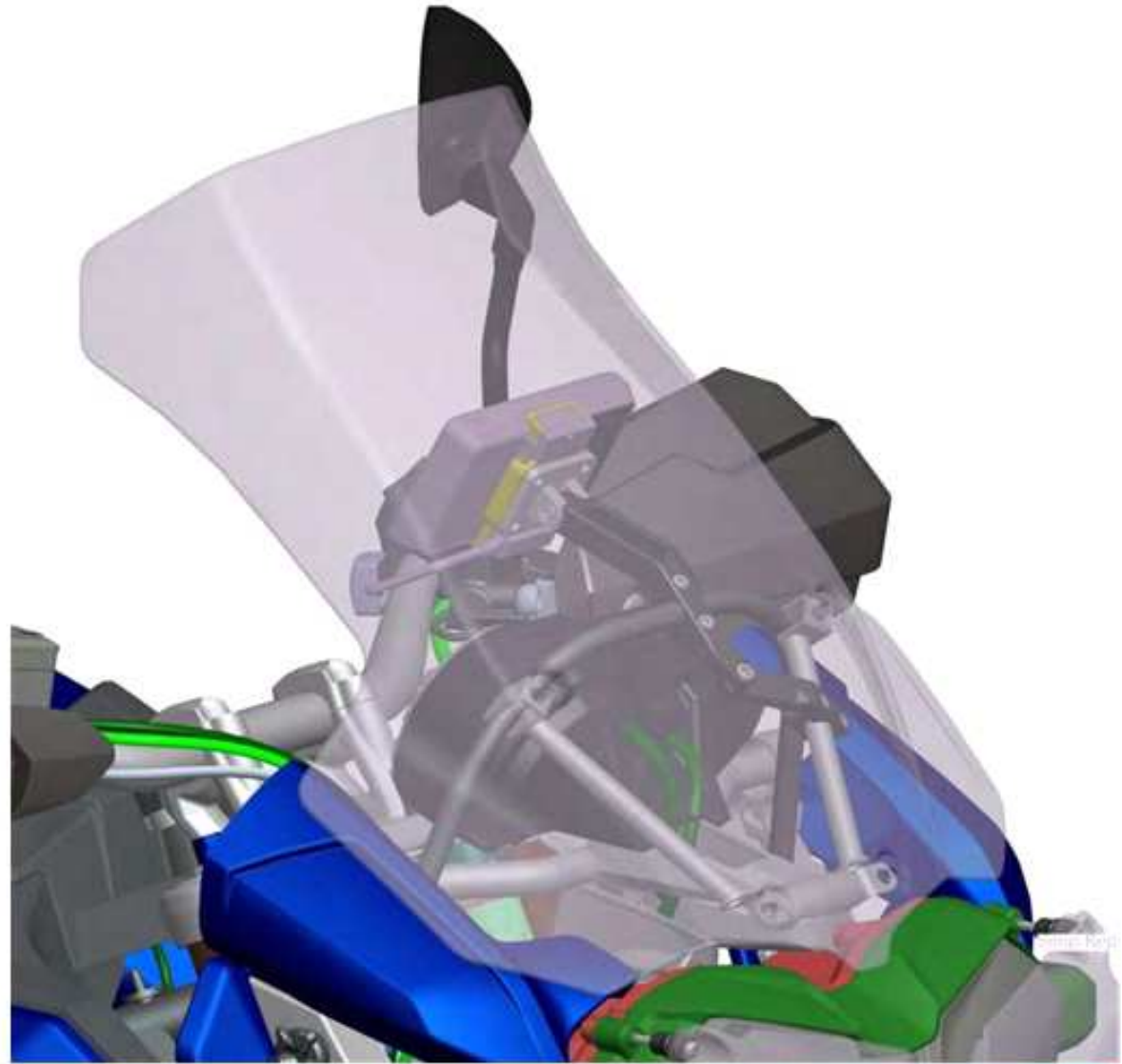
- Brushed Aluminium
- Robust brackets
- Laser-cut logo



Steel Engine Bars

- Designed to provide optimum protection of the engine casing
- Impact-resistant powder coating

- Made from high quality polycarbonate
- 30mm wider than standard screen
- 50mm higher than standard screen
- Tiger logo
- Adjustment range of approx. 13° is maintained

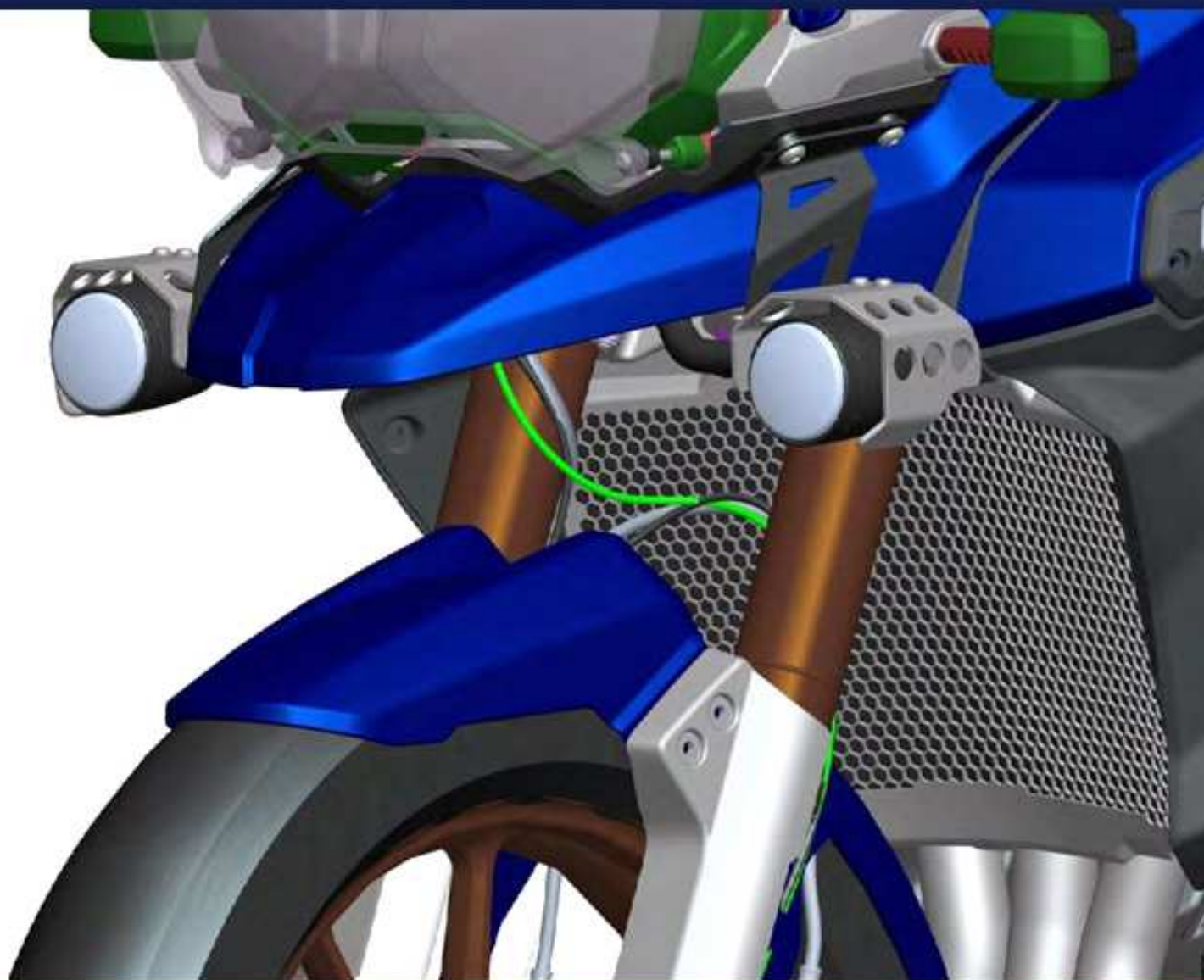


Polycarbonate Headlight Protector

- Not for use on public roads

Anodised Radiator Guard

- Fits existing brackets
- Laser-cut logo



Storage compartment under the seat holds the Triumph U-lock



Offroad Footpegs

- Non-slip design for off-road riding
- CNC machined from 6061 T6 aluminium
- Hard anodised in graphite grey
- Wider than standard footpegs



Tankpad

- Raised rubber tankpad
- Tiger logo
- Installation with tank bag harness possible



GPS Bracket

- CNC machined from 6061 T6 aluminium
- Black anodised
- Laser etched Triumph logo

