T-REX 2011

What's new on..... **BREMACH T-REX MY 2011**

ENGINE

Euro 5 twin turbo engine 170 hp

CAB

Interior Door Panel Design
Defrozer For Windows And Mirrors
T-BOX And PTO Controls
Heating System

EQUIPMENT

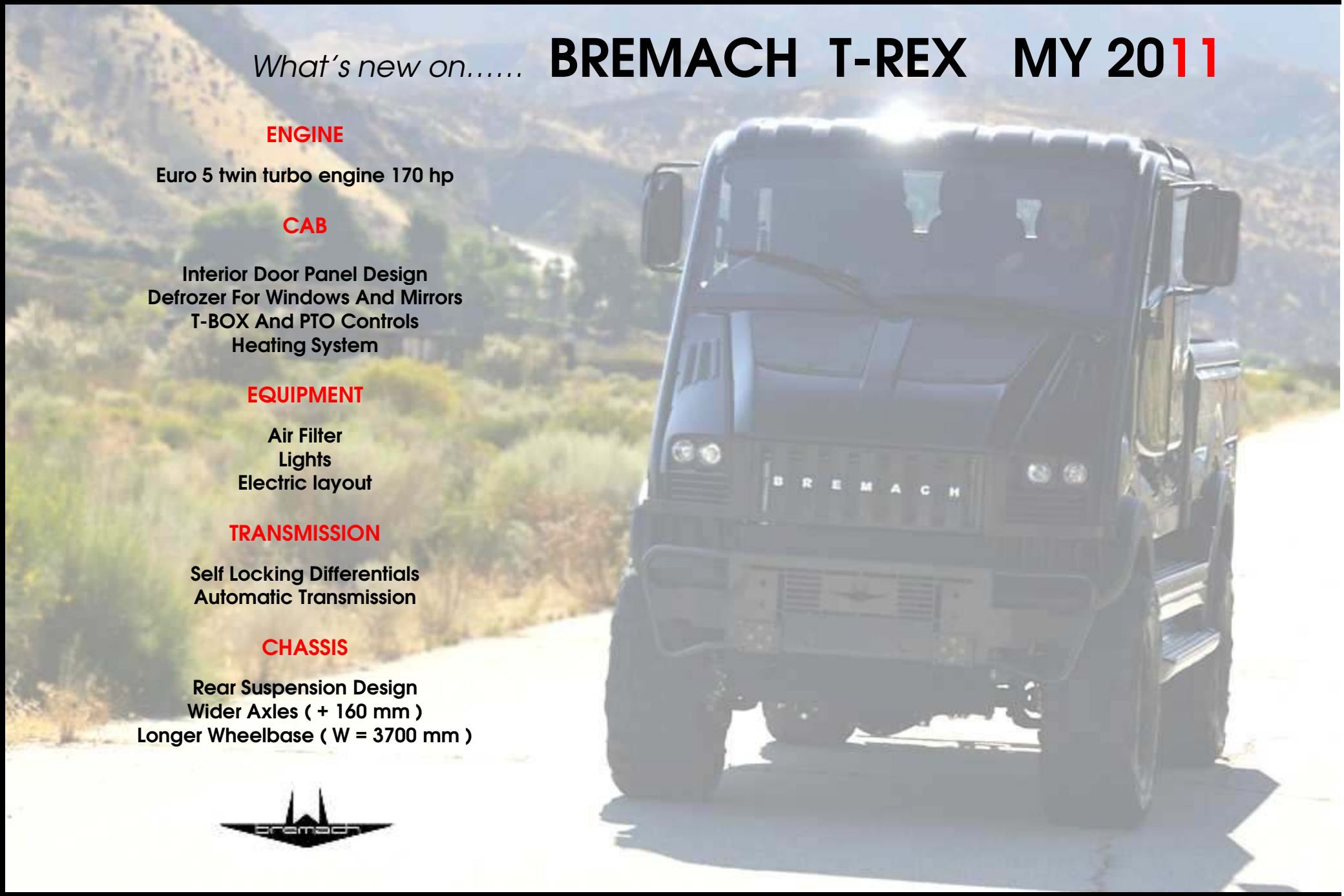
Air Filter
Lights
Electric layout

TRANSMISSION

Self Locking Differentials
Automatic Transmission

CHASSIS

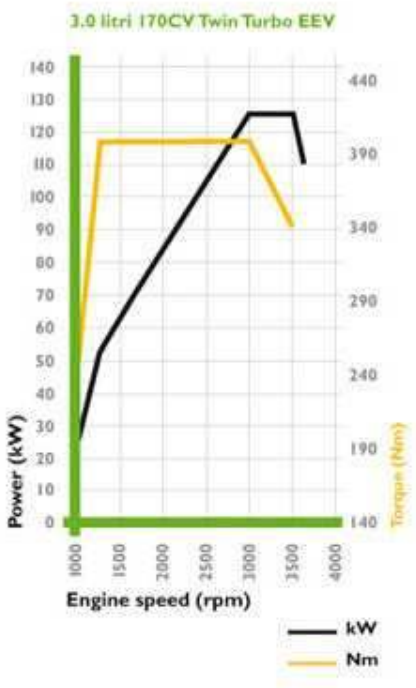
Rear Suspension Design
Wider Axles (+ 160 mm)
Longer Wheelbase (W = 3700 mm)



IVECO 3.0 LITERS TWIN TURBO EURO 5

MAIN FEATURES:

- Diesel Twin Turbo dual stage
- 4 cylinders 16 valves 3.0 liters
- Emission Compliance EEV
- Fuel System Common rail Generation 2
- Power 170hp / 125kW from 2990 to 3500 rpm
- Torque (Nm/ lbft) 400 Nm / 295 lbft from 1250 to 2990 rpm (last version was from 1850 rpm)
- Exhaust system Centre emit
- Exhaust with CRT Standard
- New reinforced cooling fan
- New Long life diesel filter



3.0 l TWINTURBO EEV
170 HORSE POWER
400 NEWTON METER

EURO 5 TWIN TURBO

BREMACH T-REX is equipped with a turbo diesel engine common rail EEV 3.0-liter 16-valve 170hp (400Nm), one of the most environmentally friendly diesel engines of all time.

In fact this engine has obtained the approval EEV (Environmentally-friendly Enhanced Vehicle) without need for SCR (ie urea-based additives), improved combustion (with the Twin Turbo dual stage) and the gas recirculation exhaust (with optimization of EGR). The DPF (particulate filter) is standard.

T-REX 2011

CABIN

NEW DOOR PANEL

OLD

NEW

60mm space more from driving wheel to door pannel:

- Improved ergonomy
- More space for driving
- More visibility
- More confort

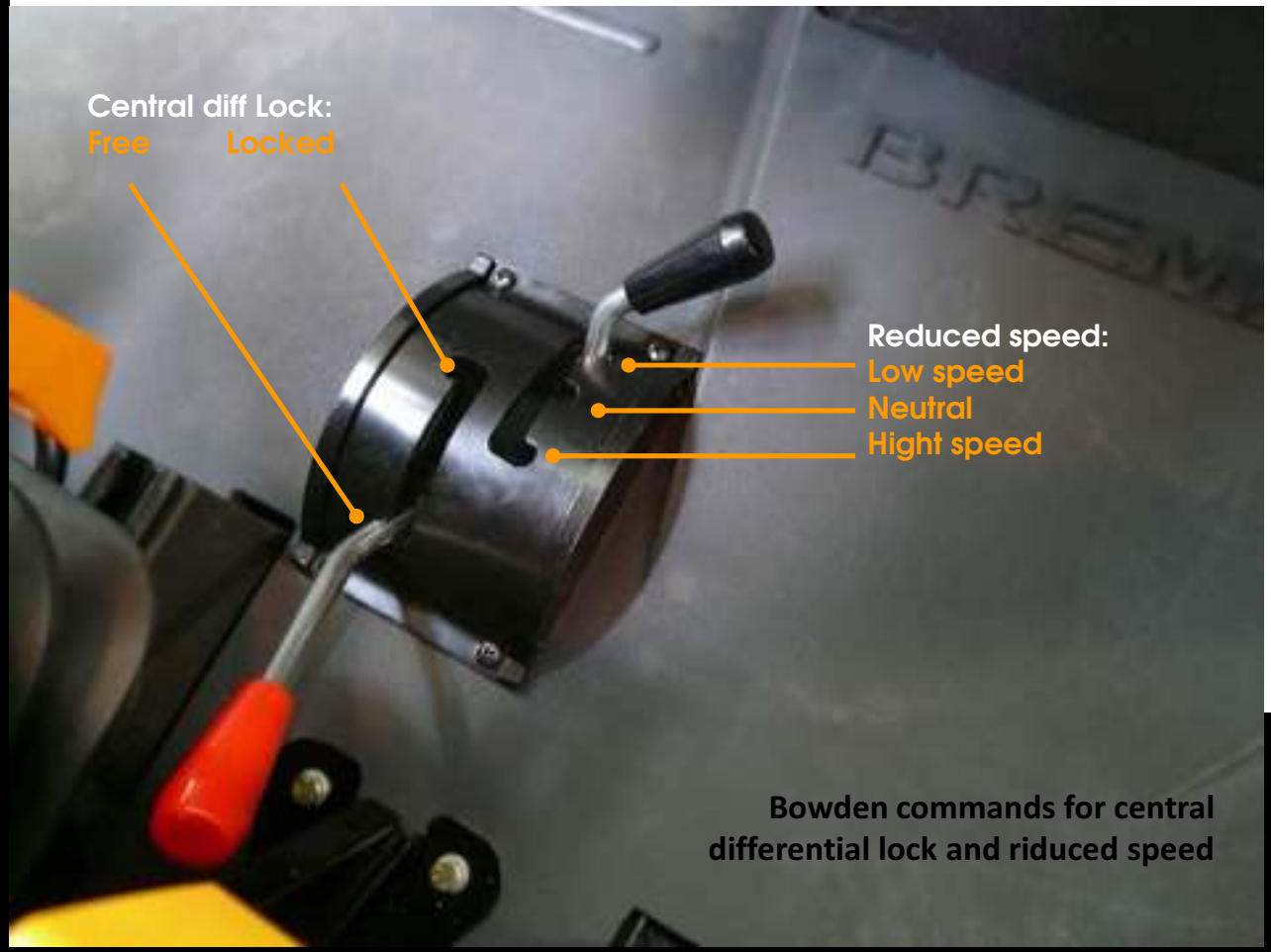
DEFROOZER

Doors windows defroozer (opt)
Exterior mirrors integrated defroozer (opt)

Integrated defroozer system (opt) and power mirrors commands are now centralised on dashboard

New manual external key locks on each doors (in case of failure of centralised radio comand)

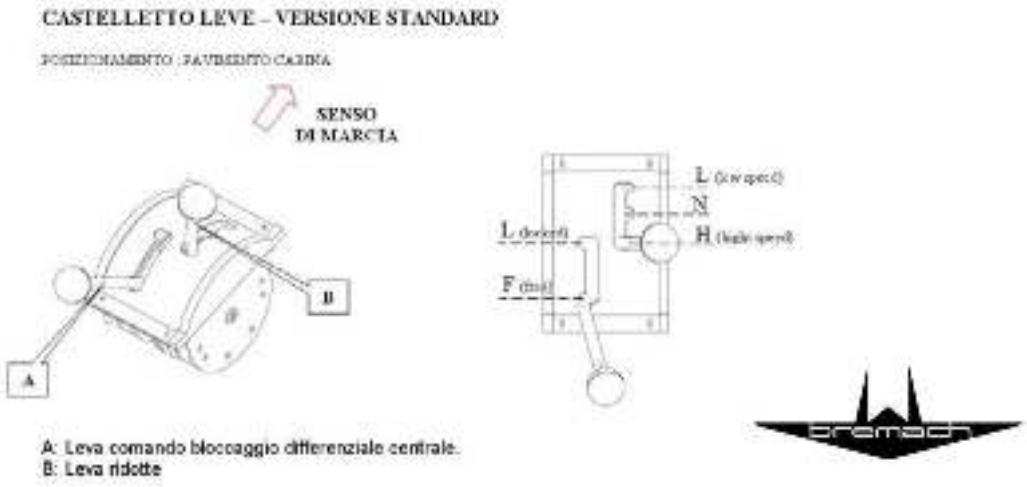
BOWDEN



Bowden commands for central differential lock and riduced speed

New bowden command on floor:

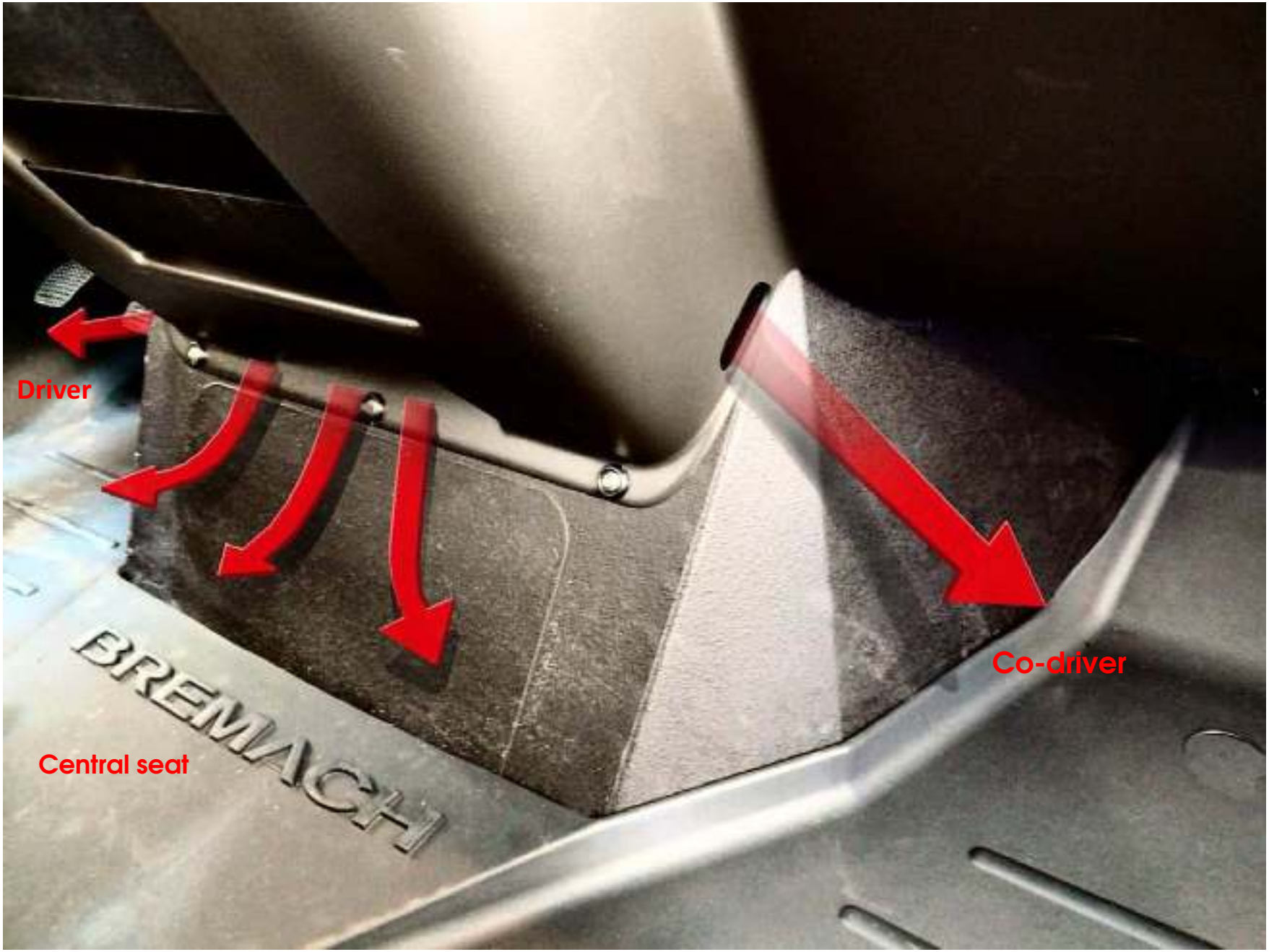
- More reliability
- Neutral on T-BOX
- Usable with extreme temperature



Bowden command for PTO (optional)

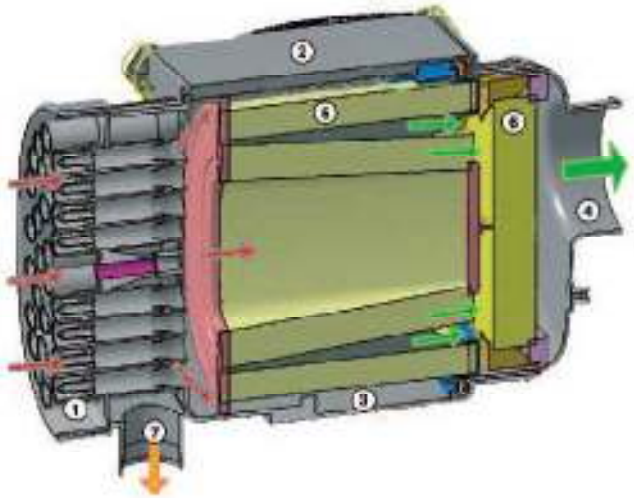
CLIMATISATION

New climatisation outake on floor for more confort



New engine air filter with vortice system

1) Cyclone block
2) Service cover
3) Housing
4) Clean air port
5) Compact pleat
6) Secondary element
7) Dust dischage port



AIR FILTER

The new T-rex Air filter have an integrated pre-filter with vortice system. Usefull in very agressive ambiant as extreme powder, sands satured water, etc..
It is now fixed directly on the chassis and very accessible for an easier maintenance

- perfect running with hard condition

- best engine protection

- easier mantenance

Integrated cyclone System

New light system with led and poly elipsoid tecnology

Led position light, turn signal and fog lamp (opt) are integrated in bumper

LIGHT

Hightbeam and lowbeam are now with elipsoid tecnology for better performance and security in night driving

Position light have led tecnology (starled ®) for lower fuel consumpstion better visibility and lower maintenance

New led position lamp respond to 2012 law wich will oblige to run with light on by day

Turn signal and fog lamp are integrated in bumper

Brand new electric layout

ELECTRIC layout

Brand new electric layout with drastic optimisation in conectors and relais

New indipendent optional kit for trailers with 13 poles sockets

New “quick locks” battery terminals

DIFFERENTIAL

New differential for central, anterior and posterior axles

New Self Locking Differential, Quaife type, to increase traction in critic grip condition (icy , snow, Mud etc.)

Drivers do not need to be trained to know when they have to selected manual differential locking. No stress on locking devices.

No hydraulic controls = no potential problems with cold climates

Less components = Higher reliability

- More reliability
- Less drinving stress
- No mantenance

CHASSIS

TRACK

Wider track available : + 160 mm

New wider axles have significantly improved stability in term of roll angle
Wider axles roll angle is 4° in compare with the 7° of classical one

Better steering diameter
Inner Wheel angle goes from 27 to 35 °

Steering diameter on T-rex W.3700 and wide axle is 13 m

+ 40% stability improved

WHEELBASE

New wheelbase available on T-REX 6.0 t : 3700 mm

NB: only available with wider axles