

Measure no.

US 61030086-01

Subject

Rear wheel/tire combination: Tire size encoding

Status date (mm/dd/yy)

3/30/15

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

3/30/15

Created by

Robert Karl

PQM Problem reference**Release date (mm/dd/yy)****Approved by****Dealer release**

Allow automatic release

Vehicles affected**E series**

K46/12

Engine**Body****Production period (from/to)**

(mm/dd/yy)

Comment on production period**Feedback (all cases relating to**

measure up to) (mm/dd/yy)

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Complaint

Replacing a 190 tire with a 200 tire and vice versa causes detrimental effects with the traction control system.

It is not possible to encode the tire size with ISTA-P.

Cause

For the S 1000 RR (K46/12), there are various combinations of wheels (cast or forged) and rear tires (190 or 200).

For the control systems (ABS, DTC etc.) to operate acceptably, it is essential that the correct tire size matches the encoding on the vehicle (see the note in the operating manual).

Currently it is only possible to encode the tire size at the factory.

Measure

At present only the following rear wheel/tire combinations are configured at the factory:

Cast wheel with 190 tire (series production)

Forged wheel with 200 tire (optional equipment 0275)

Note on retrofitting a forged wheel:

When a cast wheel with a 190 tire is replaced with a forged wheel, only the 190 tire can be fitted since the production vehicle is encoded for the 190 tire size.

As well, it is not advisable to fit a 200 tire on a standard cast wheel that came with a 190 tire or a 190 tire on a vehicle that came with a 200 tire.

It is essential that the tire size matches what is encoded on the vehicle

Information will be posted once the software has been adapted and encoding the tire size is possible with ISTA-P. At which time the option to retrofit forged wheels with 200 tires, switching from the 190 tire to a 200 tire and vice versa will be possible.

Complaint

Fault location	Fault type	Fault place	Fault conditions
Dynamic Traction Control	Effect, power not OK		Permanent

Cause

#	Fault location	Fault type	Fault place
1	34/52 ASC / DTC control unit	Encoding not possible	
Repair Task		Special Clearance	Area
No action		No	Chassis and Suspension

Fault code

Progman / DIS / ISTA / ISTA/P

System	State	Version
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