



LIETUVOS AUTOMOBILIŲ SPORTO FEDERACIJA

GROUP / CLASS

HOMOLOGATION NUMBER

BMW325CUP

AHC2022/01

# HOMOLOGATION FORM

Homologated by	<i>Lithuanian automobile sport federation</i>
Address	<i>Savanoriu av. 56, Kaunas, Lithuania</i>
Phone No., e - mail	<i>+370 37 350026, lasf@lasf.lt</i>
Technical expert	<i>Egidijus Janavičius</i>

Vehicle make and model	<i>BMW 325i (E90, E91, E92)</i>
Year of the model	<i>2005 – 2011</i>

APPROVED BY

ŠOSEJAS  
KOMISIJA

LAF Racing Commission

LITHUANIAN  
AUTOMOBILE  
SPORT  
FEDERATION

LASF Racing Commission



EAL Racing Commission

Jānis Ducmanis

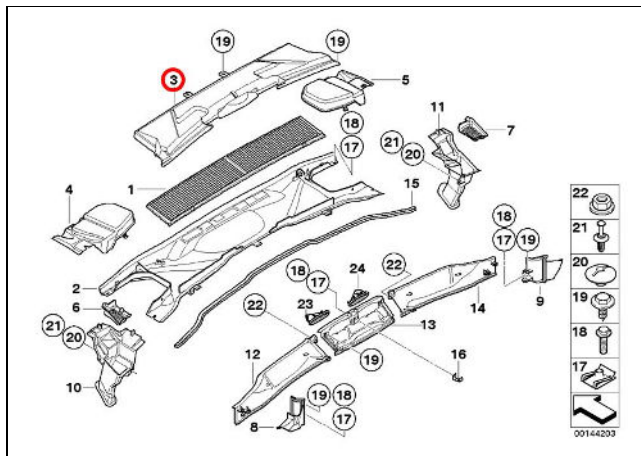
Tomas Martinkus

Raimo Kulli

## ENGINE COMPARTMENT

**PHOTO 1**

Cabin filter housing and extra parts (may be removed)



**PHOTO 2**

Compulsory filter or any cover (if cabin filter housing and extra parts removed)



**PHOTO 3**

Air filter box EU type (compulsory)



**PHOTO 4**

Air intake pipe OEM (compulsory)



**PHOTO 5**

Air intake diffusor OEM (compulsory)



**PHOTO 6**

Strut bar L/R OEM (compulsory)



## LUGGAGE COMPARTMENT

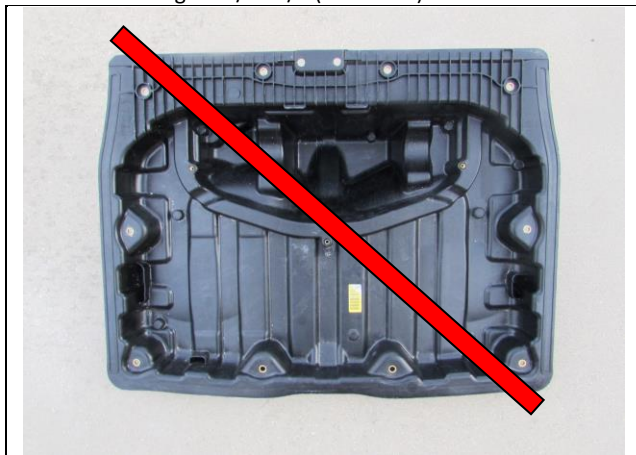
**PHOTO 7**

Boot floor storage (compulsory)



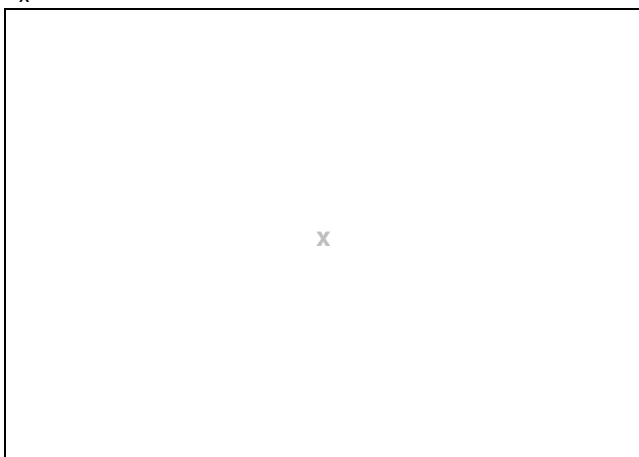
**PHOTO 8**

Boot floor storage M3/335i/d (restricted)



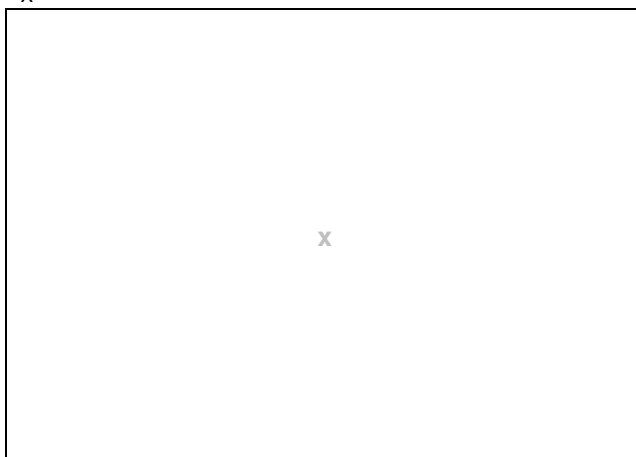
**PHOTO 9**

X



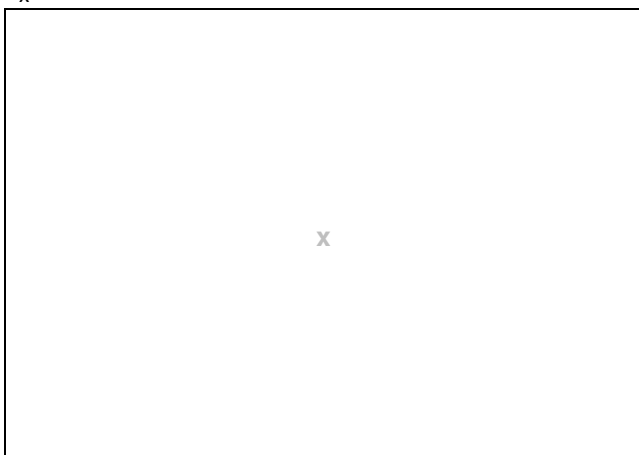
**PHOTO 10**

X



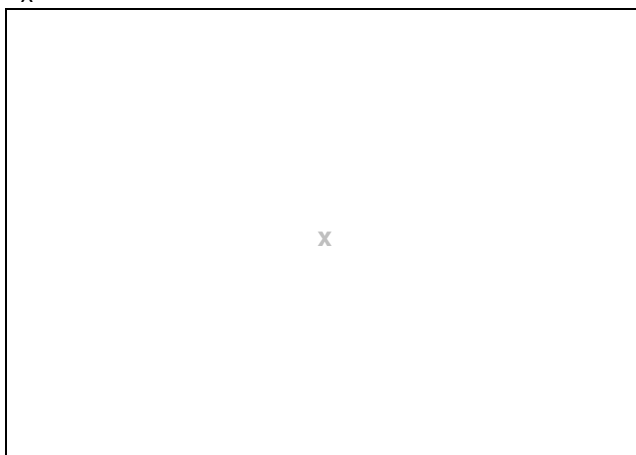
**PHOTO 11**

X



**PHOTO 12**

X





## EXTERNAL BODYWORK PARTS

### Rear bumpers E92

**PHOTO 13**

Bumper rear E92 standard (option 1)



**PHOTO 14**

Bumper rear E92 M pack (option 2)



**PHOTO 15**

Bumper rear E92 FL standard (option 3)



**PHOTO 16**

Bumper rear E92 FL M pack (option 4)



**PHOTO 17**

Bumper rear M3 E92 (restricted)



**PHOTO 18**

Bumper cross beam (steel)



## EXTERNAL BODYWORK PARTS

### Rear bumpers E90

**PHOTO 19**

Bumper rear E90 standard (option 1)



**PHOTO 20**

Bumper rear E90 M pack (option 2)



**PHOTO 21**

Bumper rear E90 FL standard (option 3)



**PHOTO 22**

Bumper rear E90 FL M pack (option 4)



**PHOTO 23**

Bumper rear M3 E90 (restricted)



**PHOTO 24**

Bumper cross beam (steel)





## EXTERNAL BODYWORK PARTS

### Rear bumpers E91

**PHOTO 25**

Bumper rear E91 standard (option 1)



**PHOTO 26**

Bumper rear E91 M pack (option 2)



**PHOTO 27**

Bumper rear E91 FL standard (option 3)



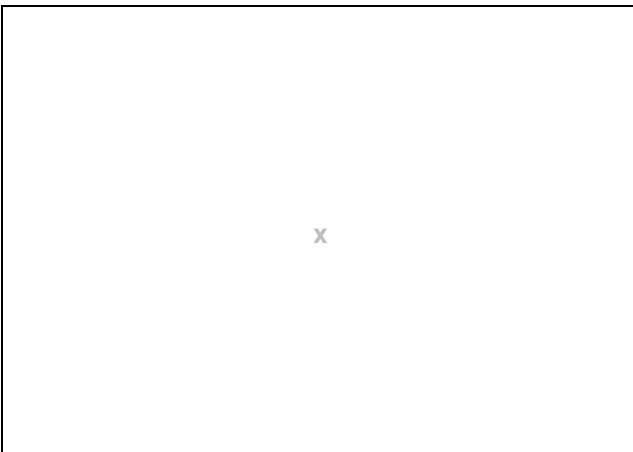
**PHOTO 28**

Bumper rear E91 FL M pack (option 4)



**PHOTO 29**

X



**PHOTO 30**

Bumper cross beam (steel)



## EXTERNAL BODYWORK PARTS

### Front bumpers E92

**PHOTO 31**

Bumper front E92 standard (option 1)



**PHOTO 32**

Bumper front E92 M pack (option 2)



**PHOTO 33**

Bumper front E92 FL standard (option 3)



**PHOTO 34**

Bumper front E92 FL M pack (option 4)



**PHOTO 35**

Bumper front E92 M3 (restricted)



**PHOTO 36**

Bumper cross beam (steel)





## EXTERNAL BODYWORK PARTS

### Front bumpers E90/91

**PHOTO 37**

Bumper front E90/91 standard (option 1)



**PHOTO 38**

Bumper front E90/91 M pack (option 2)



**PHOTO 39**

Bumper front E90/91 FL standard (option 3)



**PHOTO 40**

Bumper front E90/91 FL M pack (option 4)



**PHOTO 41**

Bumper front E90 M3 (restricted)



**PHOTO 42**

Bumper cross beam (steel)





## SUSPENSION PARTS

### Front suspension

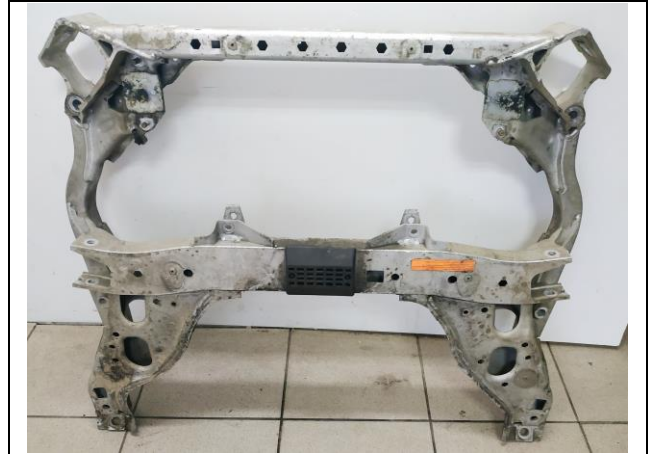
**PHOTO 43**

Subframe front (top view)



**PHOTO 44**

Subframe front (bottom view)



**PHOTO 45**

Upright front (outside view)



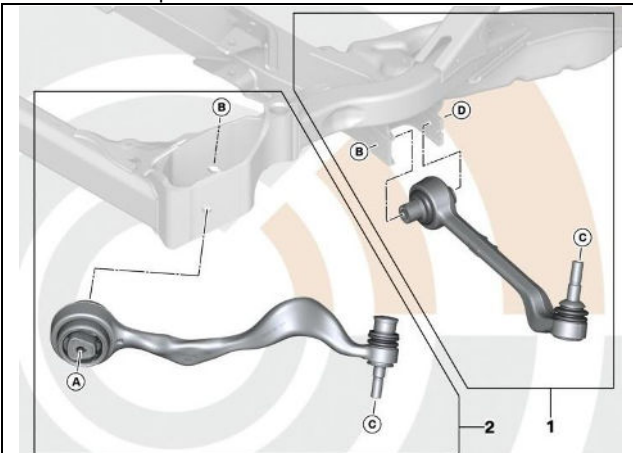
**PHOTO 46**

Upright front (inside view)



**PHOTO 47**

Arms front suspension



**PHOTO 48**

Arm front suspension rear



## SUSPENSION PARTS

### Front suspension

**PHOTO 49**

Arm front suspension rear



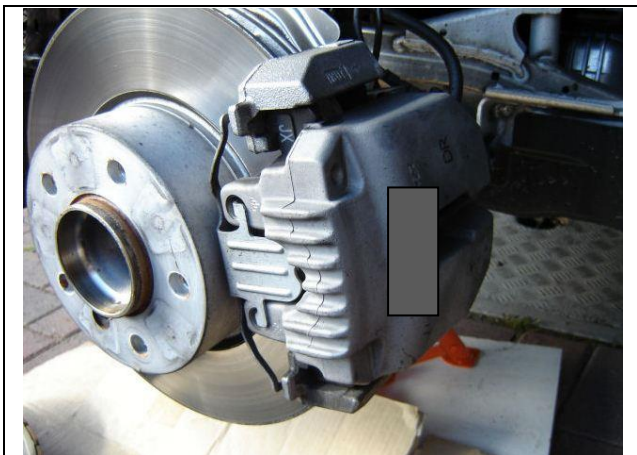
**PHOTO 50**

Arm front suspension rear M3 (restricted)



**PHOTO 51**

Brakes front



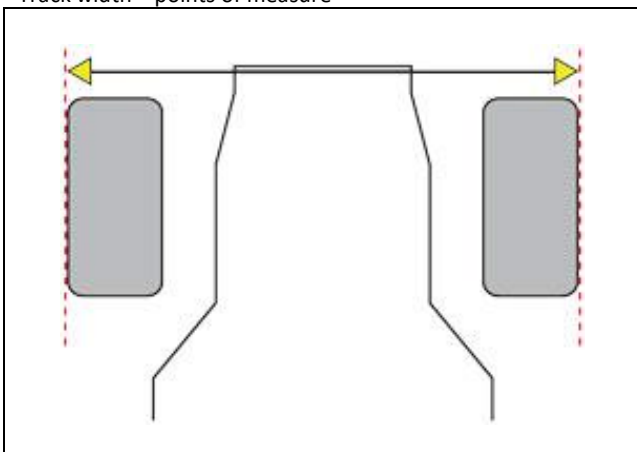
**PHOTO 52**

Brakes rear



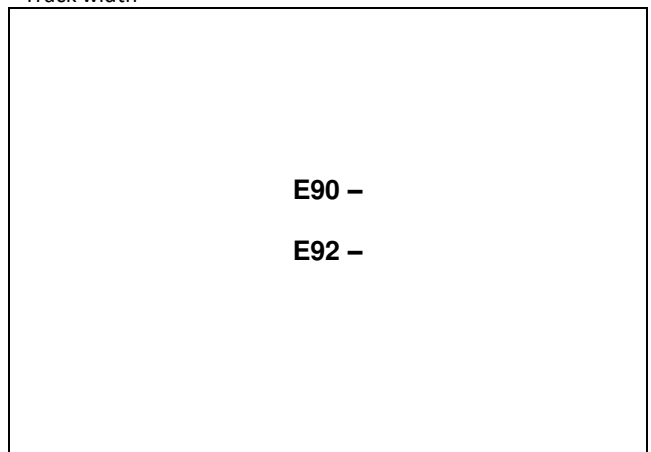
**PHOTO 53**

Track width – points of measure



**PHOTO 54**

Track width



E90 –

E92 –



## SUSPENSION PARTS

### Rear suspension

**PHOTO 55**

Upright rear (inside view)



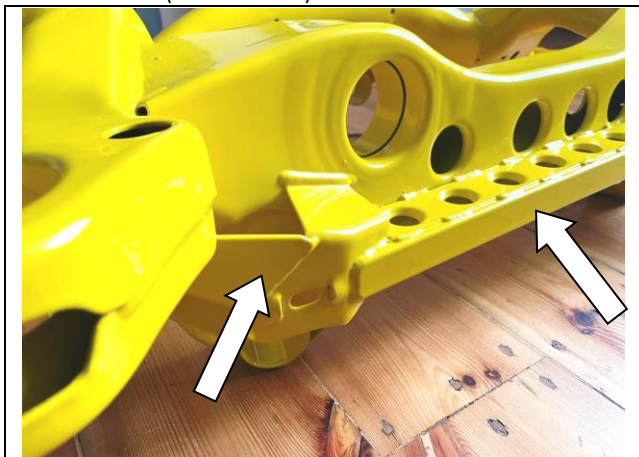
**PHOTO 56**

Upright rear (outside view)



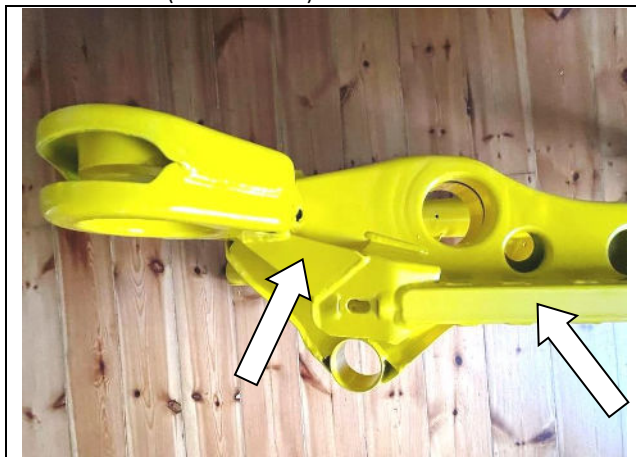
**PHOTO 57**

Subframe rear (modifications)



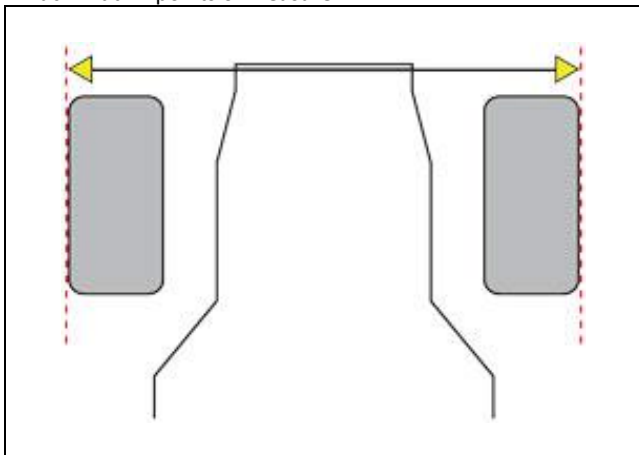
**PHOTO 58**

Subframe rear (modifications)



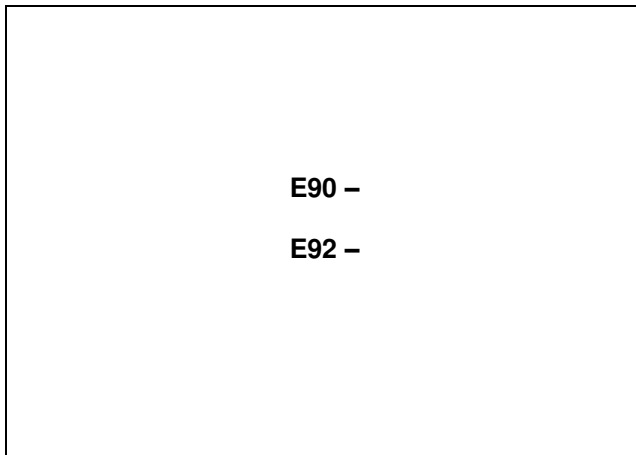
**PHOTO 59**

Track width – points of measure



**PHOTO 60**

X



E90 –

E92 –

## ENGINE PARTS

**PHOTO 61**

Engine with cover 2005-2007 (cover may be removed)



**PHOTO 62**

Engine with cover 2007- (cover may be removed)



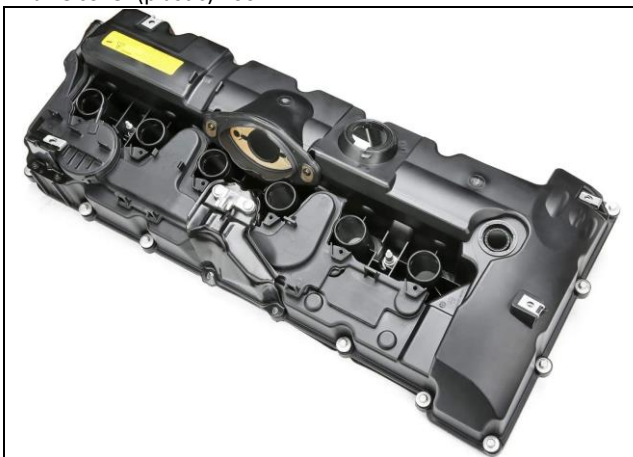
**PHOTO 63**

Valve cover (aluminum) 2005-2007



**PHOTO 64**

Valve cover (plastic) 2007-



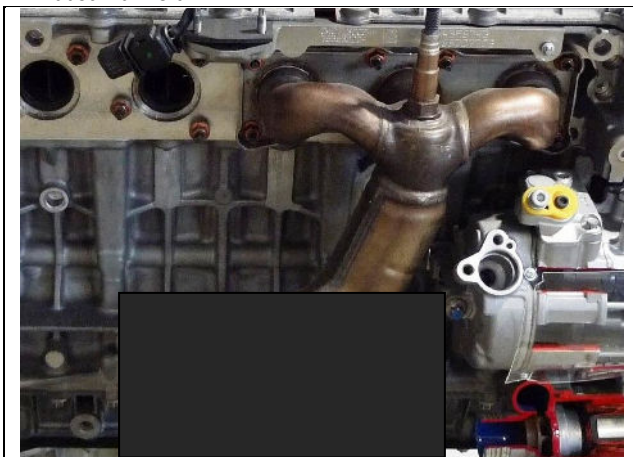
**PHOTO 65**

Intake manifold



**PHOTO 66**

Exhaust manifold

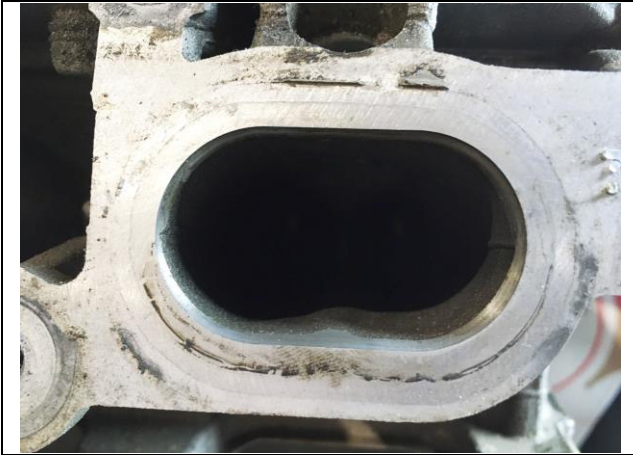




## ENGINE PARTS

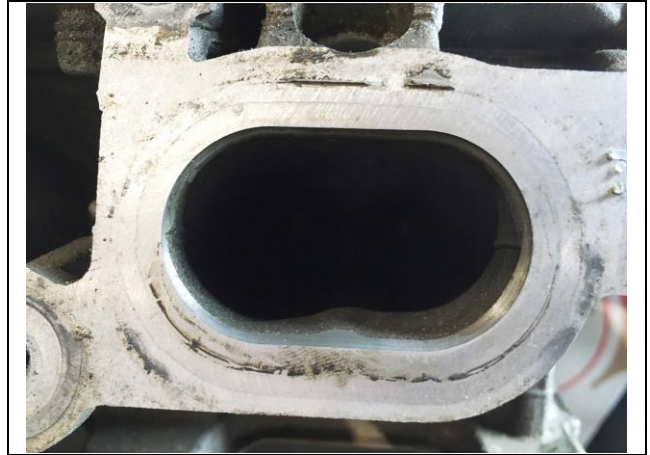
**PHOTO 67**

Intake port (width 48 mm)



**PHOTO 68**

Intake port (height 27 mm)



**PHOTO 69**

Intake port surface - aluminium grain (compulsory)



**PHOTO 70**

Intake port surface – machined (restricted)



**PHOTO 71**

Combustion chamber (incl. valves)



**PHOTO 72**

Valve (incl. spring and supports)





## ENGINE PARTS

**PHOTO 73**

Exhaust camshafts (steel and cast iron)



**PHOTO 74**

Exhaust camshaft (steel)



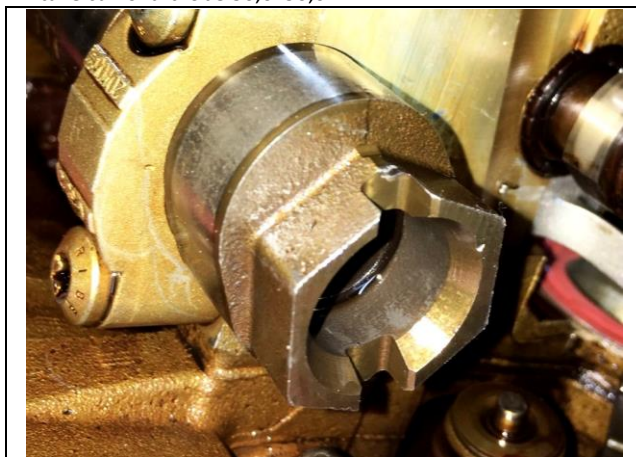
**PHOTO 75**

Exhaust camshaft lobe 42,3x36,5 mm (cast iron)



**PHOTO 76**

Intake camshaft lobe 36,0x30,0 mm



**PHOTO 77**

Exhaust camshaft



**PHOTO 78**

Intake camshaft





## ENGINE PARTS

**PHOTO 79**

Intermediate lever (side view)



**PHOTO 80**

Intermediate lever (bottom view)



**PHOTO 81**

Rocker arm (side view)



**PHOTO 82**

Rocker arm (bottom view)



**PHOTO 83**

Valvetronic lever support (MILV)



**PHOTO 84**

Valvetronic lever support (MILV)



## ENGINE PARTS

**PHOTO 85**

Piston (top view)



**PHOTO 86**

Piston (front view)

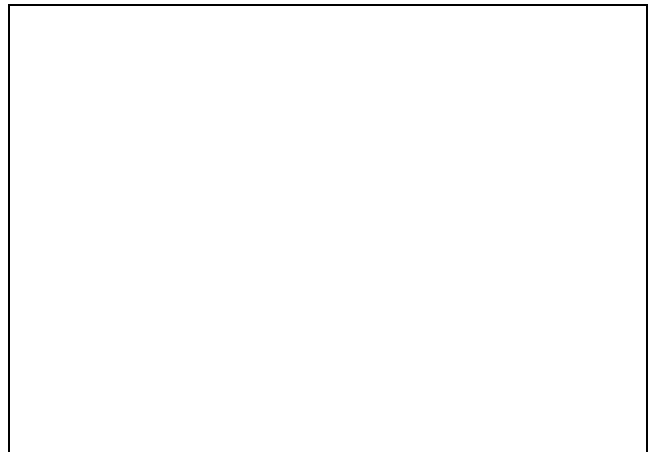


**PHOTO 87**

Conrod (front view)



**PHOTO 88**



**PHOTO 89**

Air filter (paper)



**PHOTO 90**

Air filter cotton (restricted)





## TRANSMISSION PARTS

**PHOTO 91**

Flywheel (dual-mass)



**PHOTO 92**

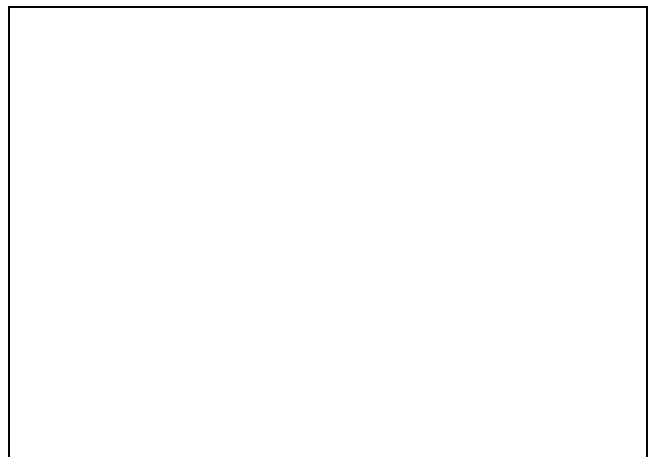
Clutch kit



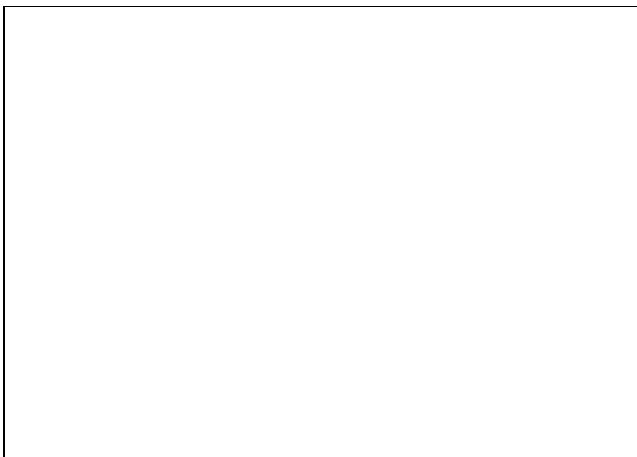
**PHOTO 93**



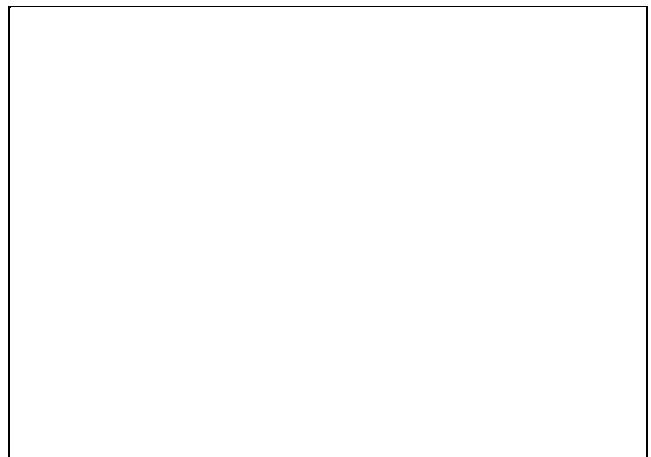
**PHOTO 94**



**PHOTO 95**



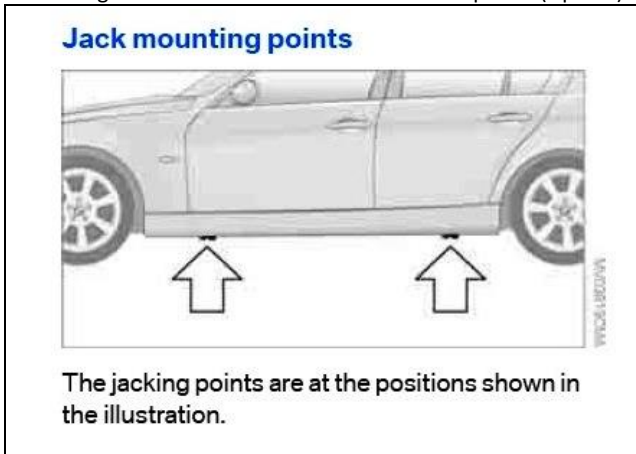
**PHOTO 96**



## MEASUREMENTS

**PHOTO 97**

Ride height measurement to be done at these points (x plane)



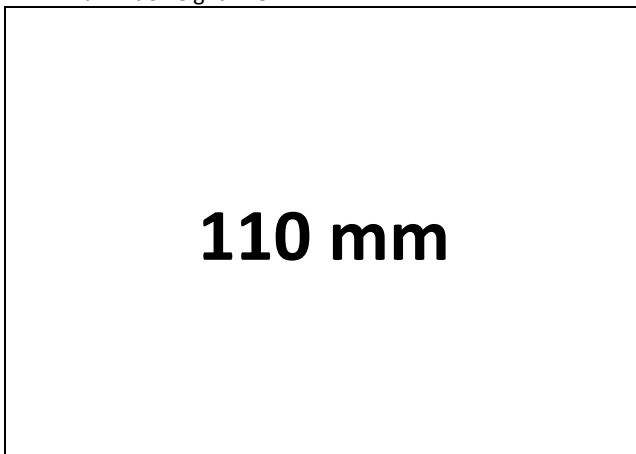
**PHOTO 98**

Measurement to be done at the point marked with arrow



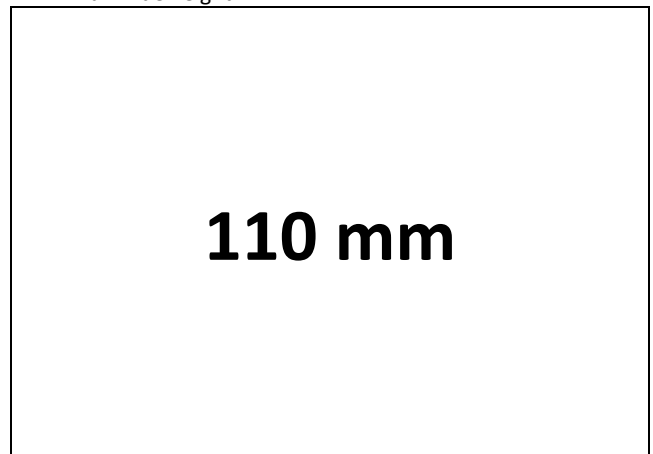
**PHOTO 99**

Minimum ride height FRONT

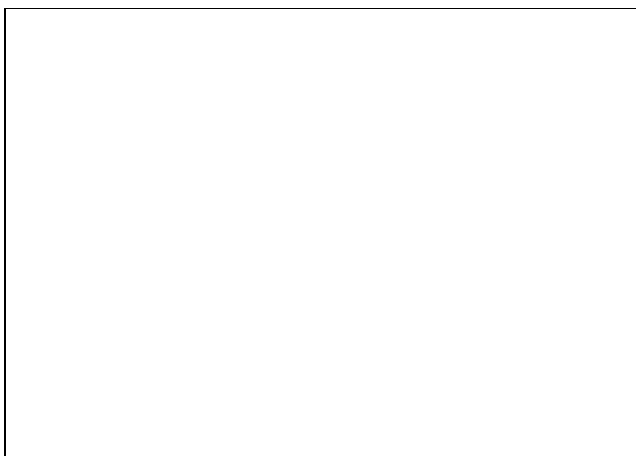


**PHOTO 100**

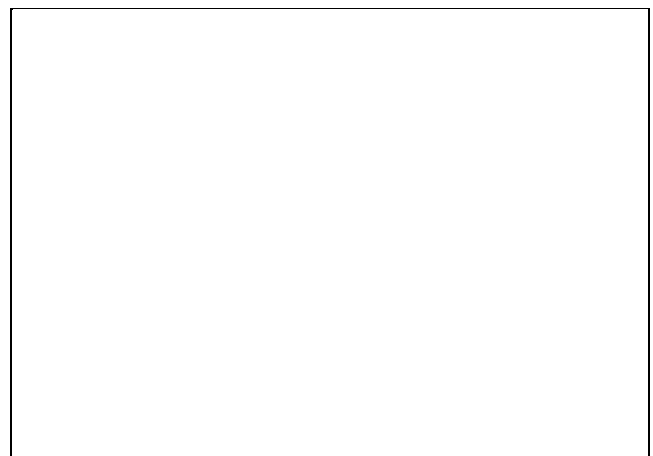
Minimum ride height REAR



**PHOTO 101**



**PHOTO 102**

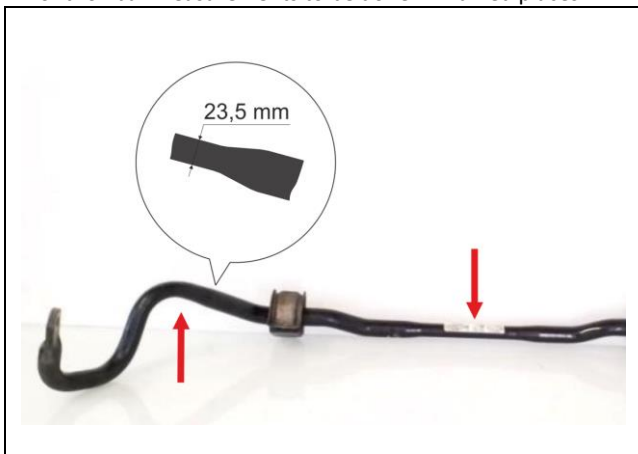




## MEASUREMENTS

**PHOTO 103**

Front roll bar measurements to be done in marked places



**PHOTO 104**

Roll bar diameter



**PHOTO 105**

Front shock tower with top mount fitted (with nuts)



**PHOTO 106**

Measure point on the centre of the front bolt



**PHOTO 107**

Length measurement to be done in a line marked yellow



**PHOTO 108**

Length between front bolts (centre) of the top mounts

