

Group 3E Recognition Document

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

BAYERISCHE MOTOREN WERKE AG (BMW)

102. Commercial name(s) - Model and type

3 SERIES E92 M3 COUPE DSG

103. Engine capacity

3999 cm³

Corrected engine capacity

3999 cm³

104. Type of car construction

a) Type



separate chassis

X monocoque

b) Material of chassis / bodyshell

STEEL

106. Number of seats

4

2. DIMENSIONS, WEIGHT

Tare Weight

1540 kg

RVD CPA Number. 33767-828361

Minimum Racing Weight

1517kg

202. Overall length

4615 mm $\pm$ 1 %

203. Maximum overall width

1804 mm $\pm$ 1 %

Where measured **AT FRONT DOOR**

204. Width of bodywork

a) At front axle 1800mm $\pm$ 1 %

b) At rear axle 1810mm $\pm$ 1 %

206. Wheelbase **2761** mm $\pm$ 1 %

207. Maximum track

a) Front **1538** mm

b) Rear **1539** mm

Make **BMW**Model **E92 M3**

Recognition N°

3-18-016A**3. ENGINE**

(In case of rotary engine, see Art. 335 on additional form)

301. Location and position of the engine

FRONT

302. Number of mounts

2

Engine in its compartment



304. Supercharging

yes	X	no
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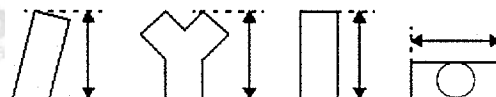
Maximum manifold pressure (additional)

NA

Type and number of compressors

NA

305. Number and layout of cylinders

8**X**

312. Cylinder block material

ALUMINIUM ALLOY

310. Compression ratio

12: 1

313. Sleeves

a)

yes



no

b) Material steel

c)

X

wet

dry

314. Bore

92+0/- 0.1 mm

316. Stroke

75.2+0/- 0.1 mm

321. Cylinderhead

a)

Number

2

b)

Material

ALUMINIUM ALLOY

324. Fuel feed by injection :

a) Make

BMW

b) Model

f) Position of injectors

f1)



Manifold

Cylinderhead

325. Camshaft

a) Number

4

c) Drive system

GEAR AND CHAIN

b) Location

DOHC

f) Type of valve operation

ROCKER ARM

327. Intake

a) Material of manifold

PLASTIC

b) Number of manifold elements

2

c) Number of valves per cylinder

4

328. Exhaust

- a) Material of manifold **STAINLESS STEEL**
- b) Number of manifold elements **2**
- d) Number of valves per cylinder **4**
- p) External Diameter of exhaust pipe between manifold and first silencer **60** mm ± 5%

330. Ignition system

- a) Type **ELECTRONIC**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **XXX**
- d) Number of coils **8**

331. Cooling systemCapacity **10.7** l**332. Cooling fan**

- a) Number **1**
- b) Diameter of the fan **500** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **9**
- e) Type of drive **ELECTRIC MOTOR**
- f) Automatic cut in

☒ X	yes	☐	no
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333. Lubrication system

- a) Type **WET SUMP**
- c) Total capacity **8.8** litre
- e) Location of the cooler(s) **FRONT**
- f) Type of the cooler(s) **AIR**

4. FUEL CIRCUIT**401. Fuel tank**

- b) Location **UNDERNEATH REAR FLOOR**
- d) Total capacity **63** L

402. Fuel pump(s)

- a)

☒ X	Electrical	☒ X	Mechanical
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- b) Number **2**
- d) Location **IN TANK/ENGINE**

5. ELECTRICAL EQUIPMENT**502. Alternator**

- a) Number **1**
- b) Type **ALTERNATOR**
- c) Drive system **BELT**
- d) Nominal Power _____ Amp

503. Retractable headlights

- a)

☐	yes	☒ X	no
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- b) Control system **N/A**

6. POWER TRAIN**601. Driven wheels**

- front

☐	yes	☒ X	no
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- rear

☒ X	yes	☐	no
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602. Clutch

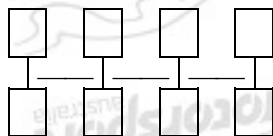
- a) Type **DCT DUAL MASS**
- b) Control system **HYDRAULIC**

603. Gearbox

- a) Location **BEHIND ENGINE**
- b) Make **DKG 436 SERIES**
- c) Type and location of control **DCT AUTOMATIC, TRANSMISSION TUNNEL AND STEERING WHEEL PADDLES**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	—	4.78 (15.08)	—	—
2	—	2.933 (9.25)	—	—
3	—	2.153 (6.79)	—	—
4	—	1.678 (5.29)	—	—
5	—	1.39 (4.38)	—	—
6	—	1.203 (3.79)	—	—
7	—	1 (3.15)	—	—
R	—	4.454	—	—

f) Gear change gate **AUTO**g) Type of lubrication **Splash****604. Transfer box / Centre differential**

a) Ratios

XXX

c) Control system of transfer box

XXX

d) Type of central differential

XXX**605. Final drive**

a) Type of final drive

XXX

b) Ratio

XXX

f) Oil cooler

☐

yes

☒

no

g) Cooler Type

N/A**HYPOID****3.154** **DSG Only**☐

yes

☒

no

N/A**606. Shafts**

a)

Type of longitudinal shafts

PROPELLER WITH UNIVERSAL JOINTS AND RUBBER COUPLING

b)

Material of longitudinal shafts

STEEL

c)

Type of transversal half-shafts

SHAFT WITH CV JOINTS

d)

Material of transversal half-shafts

STEEL**7. SUSPENSION**

Make **BMW**Model **E92 M3**

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3-18-016A**701. General**

a) Type of suspension

MACPHERSON STRUT**INDEPENDENT****702. Helical springs**

a) Material

STEEL**STEEL****703. Leaf springs**

a) Material

N/A**N/A****704. Torsion bars**

a) Material

N/A**N/A****705. Other type of suspension**

See description on additional form

706. Stabiliser

b) Effective diameter

Front**Rear****27MM** ±0.2 mm

23mm ±0.2mm

c) Material

STEEL**STEEL****707. Suspension Dampers**

a) Number per wheel

Front**Rear****1****1**

b) Type

TELESCOPIC**TELESCOPIC**

c) Principle of operation

HYDRAULIC**HYDRAULIC****8. WHEELS****801. Wheels**

a) Diameter

Front**Rear****18"****18"**

b) Width

8.5"**9.5"**

c) Offset

29 mm

23 mm

Make **BMW**Model **E92 M3**

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3-18-016A**803. Brakes**

- a) Braking system
b) Number of master cylinders
c) Servo-brakes

**DUAL CIRCUIT HYDRAULIC
TANDEM**☒ yes ☐ no

c1) Make and type _____

	Front	Rear
e) Number of cylinders per wheel	_____	_____
f) Drum brakes		
f1) Internal diameter	<u>XXX</u> ± 1.5 mm	<u>XXX</u> ± 1.5 mm
f2) Number of linings per wheel	<u>XXX</u>	<u>XXX</u>
g) Disc brakes		
g1) Number of pads per wheel	<u>2</u>	<u>2</u>
g2) Number of calipers per wheel	<u>1</u>	<u>1</u>
g3) Caliper material	STEEL	STEEL
g4) Thickness of new disc	<u>30</u> ± 1 mm	<u>24</u> ± 1 mm
g5) External diameter of the disc	<u>360</u> ± 1.5 mm	<u>350</u> ± 1.5 mm
g9) Ventilated discs	☒ yes ☐ no	☒ yes ☐ no

h) Parking brake

h1) Control system

h2) Location of lever

CABLE**CENTRAL TUNNEL**

h3) On which wheels

☐ Front ☒ Rear**804. Steering**

- a) Type
b) Servo-assistance

Type of Assistance

Front		Rear	
<u>RACK AND PINNION</u>		<u>XXXX</u>	
☒ yes	☐ no	☐ yes	☒ no
<u>ELECTRIC / HYDRAULIC</u>		<u>XXXX</u>	

9. BODYWORK**901. Interior**

- a) Ventilation
c) Air Conditioning

☒ yes	☐ no
☒ yes	☐ no

b) Heating

☒ yes	☐ no
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f) Optional sun roof

yes	☒ no
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f1) Type **NA**f2) Control system **NA**

g) Opening system for side windows

Front	Rear
<u>ELECTRICAL</u>	<u>XXXX</u>

Make **BMW**Model **E92 M3**

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3-18-016A

X) Dashboard



Y) Sunroof



902. Exterior

a) Number of doors **2**

b) Tailgate

☐ yes ☒ no

c) Door material

d) Front bonnet material

Aluminium

f) Bodywork material

STEEL

h) Rear window material

GLASS

e) Rear bootlid / tailgate material

STEEL

i) Rear quarter window material

GLASS

k) Side window material

l) Material of bumper

n) Exterior Rear wiper

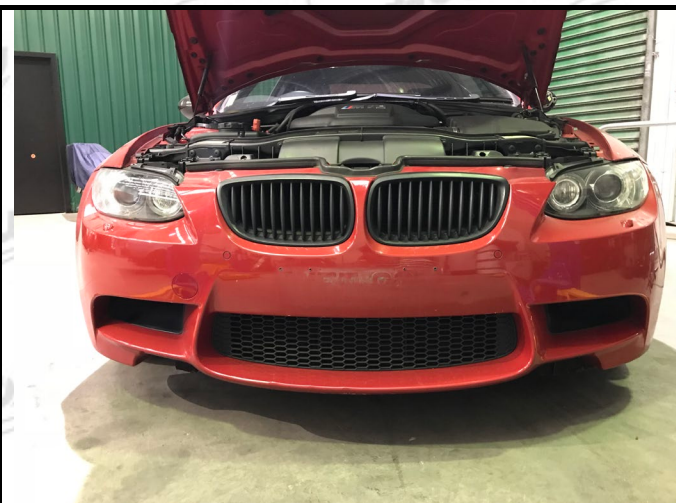
Front	Rear
Steel	<u>XXXX</u>

Front	Rear
<u>GLASS</u>	<u>GLASS</u>
<u>POLYPROPYLENE</u>	<u>POLYPROPYLENE</u>

☐ yes	☒ no
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XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material
1	FRONT BUMPER	Plastic
2	HEAD LAMP	Plastic
3	SIDE SILL	Plastic
4	REAR BUMPER	Plastic
5	REAR LAMPS	Plastic



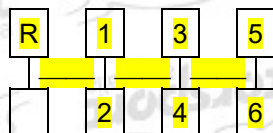


COMPLEMENTARY INFORMATION**Optional Manual Gearbox**602. Clutch a) Type **DUAL MASS**b) Control system **HYDRAULIC**603. Gearbox a) Location **BEHIND ENGINE** b) Make **GERTRAG
GS6-53BZ**c) Type and location of control **MANUAL, TRANSMISSION TUNNEL**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1		4.055		
2		2.369		
3		1.582		
4		1.192		
5		1.0		
6		0.872		
R		3.678		

f) Gear change gate

g) Type of lubrication **Splash****605. Final drive**

a) Type of final drive

XXX**HYPOLID**

b) Ratio

XXX**3.846****Manual Only**

f) Oil cooler

☐ yes☒ no☐ yes☒ no

g) Cooler Type

N/A**N/A**

Make **BMW**

Model **E92 M3**

Recognition N°

3-18-016A

ERRATA:

Version 3-18-016A

Added Tare Weight and RVD CPA number

Updated Minimum Race Weight to align with RVD

Added Optional Manual Gearbox