

Group 3E Recognition Document

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

BMW

102. Commercial name(s) - Model and type

M3 F80 SEDAN COMPETITION PACK

103. Engine capacity

2979 cm³

Corrected engine capacity

2979 x 1.7 = 5063 cm³

104. Type of car construction

a) Type

separate chassis

monocoque

b) Material of chassis / bodyshell

STEEL/CARBON FIBRE/REINFORCED

PLASTIC/ALUMINUM

106. Number of seats

5

2. DIMENSIONS, WEIGHT

Tare Weight

1482 kg

RVD CPA Number. 43795-1168307

Minimum Racing Weight

1478 kg

202. Overall length

4671 mm ± 1 %

203. Maximum overall width

2037 mm ± 1 %

Where measured

MIRRORS

204. Width of bodywork

a) At front axle **1877** mm ± 1 %

b) At rear axle **1877** mm ± 1 %

206. Wheelbase

2812 mm ± 1 %

207. Maximum track

Make BMW

Model M3 (F80)

327. Intake

- a) Material of manifold **PLASTIC**
- b) Number of manifold elements **1**
- c) Number of valves per cylinder **2**

328. Exhaust

- a) Material of manifold **CAST IRON**
- b) Number of manifold elements **2**
- d) Number of valves per cylinder **2**
- p) External Diameter of exhaust pipe between manifold and first silencer **70 mm ± 5%**

330. Ignition system

- a) Type **ELECTRONIC**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **0**
- d) Number of coils **6**

331. Cooling system

Capacity **13.9 L**

- 332. Cooling fan**
- a) Number **1**
 - b) Diameter of the fan **440 mm**
 - c) Material of the fan **PLASTIC**
 - d) Number of blades **9**

- e) Type of drive **ELECTRONIC**
- f) Automatic cut in

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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333. Lubrication system

- a) Type **WET SUMP**
- b) Number of oil pumps **2**
- c) Total capacity **6.5 L**
- e) Location of the cooler(s) **FRONT**
- f) Type of the cooler(s) **AIR TO AIR**

4. FUEL CIRCUIT

401. Fuel tank

- b) Location **UNDER VEHICLE**
- d) Total capacity **60 L**

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Electrical	<input type="checkbox"/> Mechanical
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- b) Number **4**
- d) Location **FUEL TANK / ENGINE**
- Fuel Pressure **5 BAR/ 500 BAR**

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number **1**
- b) Type **BOSCH**
- c) Drive system **BELT**
- d) Nominal power **210 Amp**

503. Retractable headlights

- a)

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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- b) Control system _____

6. POWER TRAIN

601. Driven wheels

- front

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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- rear

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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602. Clutch

- a) Type **DUAL CLUTCH WET**



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Make **BMW**

Model **M3 (F80)**

b) Control system

ELECTRONIC

603. Gearbox

a) Location **LONGITUDINAL BEHIND ENGINE**

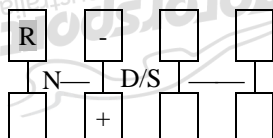
b) Make **GETRAG**

c) Type and location of control **AUTOMATIC AND PADDLE**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<u>4.806:1</u>	_____	_____
2	_____	<u>2.593:1</u>	_____	_____
3	_____	<u>1.701:1</u>	_____	_____
4	_____	<u>1.277:1</u>	_____	_____
5	_____	<u>1.000:1</u>	_____	_____
6	_____	<u>0.844:1</u>	_____	_____
R	_____	<u>0.671:1</u>	_____	_____
Constant	_____	_____	_____	_____

f) Gear change gate



604. Transfer box / Centre differential

a) Ratios

N/A

c) Control system of transfer box

d) Type of central differential

605. Final drive

a) Type of final drive

N/A

b) Ratio

3.462:1

f) Oil Cooler

yes

no

yes

no

g) Cooler Type

FINS

606. Shafts

a) Type of longitudinal shafts

1 PIECE WITH CV

b) Material of longitudinal shafts

CARBON COMPOSITE

c) Type of transversal half-shafts

CV

d) Material of transversal half-shafts

STEEL

Make **BMW**

Model **M3 (F80)**

7. SUSPENSION

701. General

	Front	Rear
a) Type of suspension	<u>MCPHERSON</u>	<u>MULTI-LINK</u>
702. Helical springs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
a) Material	<u>STEEL</u>	<u>STEEL</u>

705. Other type of suspension

See description on additional form

706. Stabiliser

	Front	Rear
b) Effective diameter	<u>24</u> mm	<u>23</u> mm
c) Material	<u>STEEL</u>	<u>STEEL</u>

707. Suspension Dampers

	Front	Rear
a) Number per wheel	<u>1</u>	<u>1</u>
b) Type	<u>COIL OVER</u>	<u>TWIN TUBE</u>
c) Principle of operation	<u>HYDRAULIC</u>	<u>HYDRAULIC</u>

8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	<u>19</u> "	<u>19</u> "
b) Width	<u>9</u> "	<u>10</u> "
c) Offset	<u>29</u> mm	<u>40</u> mm

803. Brakes

a) Braking system

HYDRAULIC

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type

BOSCH

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	Front	Rear
e) Number of cylinders per wheel	<u>6</u>	<u>4</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	<u>ALUMINUM</u>	<u>ALUMINUM</u>
g4) Thickness of new disc	<u>38 ± 1 mm</u>	<u>28 ± 1 mm</u>
g5) External diameter of the disc	<u>400 ± 1.5 mm</u>	<u>380 ± 1.5 mm</u>
g9) Ventilated discs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no

h) Parking brake: h1) Control system **CABLE / LEVER**

h2) Location of lever **CENTRE CONSOLE**

<input type="checkbox"/> Front	<input checked="" type="checkbox"/> Rear
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804. Steering

a) Type

b) Servo-assistance

Type of Assistance

Front		Rear	
<u>RACK PINION</u>		<u>N/A</u>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
<u>ELECTRONIC</u>		<u>N/A</u>	

9. BODYWORK

901. Interior

a) Ventilation

c) Air Conditioning

b) Heating

f) Optional sun roof

f1) Type

f2) Control system

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no

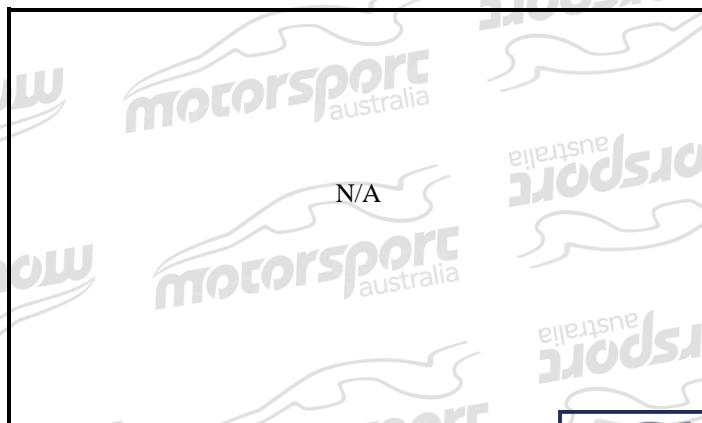
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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Front	Rear
<u>ELECTRIC</u>	<u>ELECTRIC</u>

X) Dashboard

Y) Sunroof



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902. Exterior

a) Number of doors **4**

b) Tailgate

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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Front	Rear
<u>STEEL</u>	<u>STEEL</u>

c) Door material

d) Front bonnet material **ALUMINUM**

e) Rear bootlid / tailgate material **ALUMINUM/PLASTIC**

f) Bodywork material **STEEL/ALUMINUM/CARBON COMPOSITE**

h) Rear window material **GLASS**

i) Rear quarter window material **GLASS**

Front	Rear
<u>GLASS</u>	<u>GLASS</u>
<u>PLASTIC</u>	<u>PLASTIC</u>

k) Side window material

l) Material of bumper

n) Exterior Rear wiper

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material
	ROOF PANEL	CARBON FIBRE REINFORCED PLASTIC
	REAR BOOT LID	PLASTIC AND ALUMINUM
	REAR BUMPER	PLASTIC
	FRONT BUMPER	PLASTIC
	KIDNEY GRILLS	PLASTIC
	MIRRORS	PLASTIC
	DOOR HANDLES	PLASTIC

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Recognition N°

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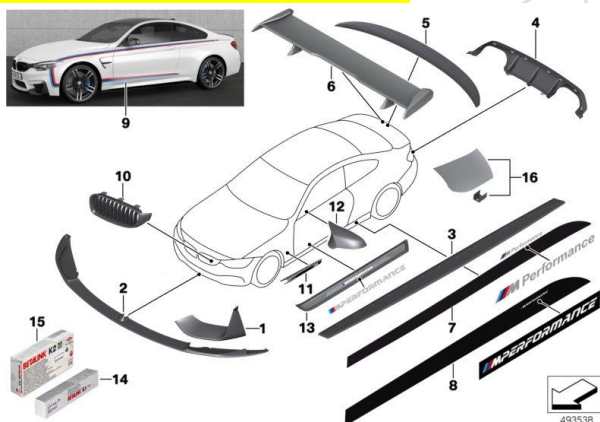
Drawing / photo required

Make BMW

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COMPLEMENTARY INFORMATION

1. M Performance Accessories



Note BMW parts catalogue uses M4 drawing for M3 parts

1/2 Front Splitter – 51192350712/51192410360

3 Rocker panel cover – 51192350719

5 Rear Spoiler – 51712240832 / 51192349678



6 Rear wing – 51192409319



Either the 5. Rear spoiler or 6. Rear wing can be used, not both together

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Model M3 (F80)

ERRATA:

Version 3-18-011B

Added Tare Weight and RVD CPA number

Added Optional Parts with part numbers:

- Front Splitter
- Rocker Panel Cover
- Rear Spoiler
- Rear Wing

