

Group 3E Recognition FORM

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

340i (NON M)

103. Engine capacity

2998 cm³

Corrected engine capacity

2998 x 1.7 = 5096 cm³

104. Type of car construction

a) Type

separate chassis

monocoque

b) Material of chassis / bodyshell

STEEL

106. Number of seats

5

2. DIMENSIONS, WEIGHT

Tare Weight

1492 kg

RVD CPA Number. **43795-1168306**

Minimum Racing Weight

1502 kg

202. Overall length

4633 mm ± 1 %

203. Maximum overall width

1811 mm ± 1 %

Where measured **BODY**

204. Width of bodywork

a) At front axle

1772 mm ± 1 %

Make **BMW**

Model

340i (non M)

b) At rear axle **1775** mm ± 1 %

206. Wheelbase **2810** mm ± 1%

207. Maximum track

a) Front **1537** mm

b) Rear **1578** mm

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

no

Maximum manifold pressure

NOT AVAILABLE

Type and number of compressors

1

305. Number and layout of cylinders

6 INLINE

312. Cylinder block material

ALLOY

310. Maximum compression ratio

11.0 : 1



X

313. Sleeves

a) yes

no

b) Material **LDS COATING**

c) wet

dry

314. Bore

82 +0/- 0.1 mm

316. Stroke

94.6 +0/- 0.1 mm

321. Cylinderhead

a) Number **1**

b) Material **ALLOY**

Make **BMW**

Model

340i (non M)**3-25-002A**324. Fuel feed by injection : a) Make **BMW**b) Model **HIGH PRESSURE**

f) Position of Injectors:

f1) Manifold Cylinderhead325. Camshaft a) Number **2**

b) Location

DOHCc) Drive system **CHAIN**

f) Type of valve operation

HYDRAULIC

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 **STEEL**b) Number of manifold elements **2**d) Number of valves per cylinder **2**p) External Diameter of exhaust pipe between manifold and first silencer **80** mm \pm 5%

330. Ignition system

a) Type **COMPUTER**b) Number of plugs per cylinder **1**c) Number of distributors **N/A**d) Number of coils **6**

331. Cooling system

Capacity **7.8** L

332. Cooling fan

a) Number **1**b) Diameter of the fan **490** mmc) Material of the fan **PLASTIC**d) Number of blades **9**e) Type of drive **ELECTRIC**

f) Automatic cut in

 yes no

333. Lubrication system

a) Type **BMW**b) Number of oil pumps **1**c) Total capacity **6.5** Le) Location of the cooler(s) **FRONT**f) Type of the cooler(s) **AIR****4. FUEL CIRCUIT**

401. Fuel tank

b) Location **CENTRE**d) Total capacity **60** L

402. Fuel pump(s)

a) Eleectrical Mechanicalb) Number **1**d) Location **TANK**Fuel Pressure **100 BAR****5. ELECTRICAL EQUIPMENT**

502. Alternator

a) Number **1**b) Type **DENSO**

Make **BMW**

Model **340i (non M)**

c) Drive system **BELT** d) Nominal power **180** Amp

503. Retractable headlights

a) yes no b) Control system _____

6. POWER TRAIN

601. Driven wheels

front yes no rear yes no

602. Clutch

a) Type **N/A**

b) Control system **N/A**

603. Gearbox

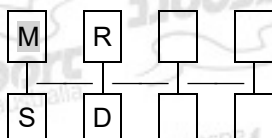
a) Location **CENTRE** b) Make **BMW**

c) Type and location of control **ZF AUTOMATIC**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	5.0	_____	_____
2	_____	3.2	_____	_____
3	_____	2.143	_____	_____
4	_____	1.72	_____	_____
5	_____	1.314	_____	_____
6	_____	1.0	_____	_____
7	_____	0.822	_____	_____
8	_____	0.64	_____	_____
R	_____	3.456	_____	_____
Constant	_____		_____	_____

f) Gear change gate



604. Transfer box / Centre differential

a) Ratios **N/A**

c) Control system of transfer box **N/A**

d) Type of central differential **N/A**

605. Final drive

a) Type of final drive

	Front	Rear
a) Type of final drive	N/A	LSD

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b) Ratio	<u>N/A</u>		<u>2.81</u>	
f) Oil Cooler	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
g) Cooler Type	_____		_____	

606. Shafts
- a) Type of longitudinal shafts **BMW**
 - b) Material of longitudinal shafts **STEEL**
 - c) Type of transversal half-shafts **BMW**
 - d) Material of transversal half-shafts **STEEL**

7. SUSPENSION

	Front		Rear	
701. General	<u>INDEPENTANT</u>		<u>INDEPENTANT</u>	
a) Type of suspension				
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>	
703. Leaf springs	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	_____		_____	
704. Torsion bars	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	_____		_____	

705. Other type of suspension *See description on additional form*

	Front	Rear
706. Stabiliser		
b) Effective diameter	<u>21.2</u> mm	<u>12</u> mm
c) Material	<u>STEEL</u>	<u>STEEL</u>

	Front	Rear
707. Suspension Dampers		
a) Number per wheel	<u>1</u>	<u>1</u>
b) Type	<u>MCPHERSON STRUT</u>	<u>GAS DAMPER</u>



Make **BMW**

Model

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c) Principle of operation

FLUID

FLUID

8. WHEELS

801. Wheels

a) Diameter

18"

18"

b) Width

8.0"

8.5"

c) Offset

+34 mm

+47 mm

803. Brakes

a) Braking system

HYDRAULIC

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type

BMW

	Front	Rear
e) Number of cylinders per wheel	1	1
f) Drum brakes	_____	_____
f1) Internal diameter	_____	_____
f2) Number of linings per wheel	_____	_____
g) Disc brakes		
g1) Number of pads per wheel	2	2
g2) Number of calipers per wheel	1	1
g3) Caliper material	ALLOY	ALLOY
g4) Thickness of new disc	30 ± 0.1 mm	20 ± 1 mm
g5) External diameter of the disc	340 ± 1.5 mm	330 ± 1.5 mm
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

MANUAL

h2) Location of lever

CENTRE

h3) On which wheels

Front Rear

Effet sur roues

804. Steering

a) Type

BMW

N/A

b) Servo-assistance

yes

no

yes

no

Type of Assistance

ELECTRIC

9. BODYWORK

901. Interior

a) Ventilation

yes

no

b) Heating

yes

no

c) Air Conditioning

yes

no

Make **BMW**

Model

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f) Optional sun roof

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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f1) Type **N/A**

f2) Control system _____

g) Opening system for side windows

Front	Rear
<u>ELECTRIC</u>	<u>ELECTRIC</u>

X) Dashboard



Y) Sunroof



902. Exterior

a) Number of doors **4**

b) Tailgate

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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c) Door material

Front	Rear
<u>STEEL</u>	<u>STEEL</u>

d) Front bonnet material **METAL**

e) Rear bootlid / tailgate material **METAL**

f) Bodywork material **METAL**

h) Rear window material **GLASS**

i) Rear quarter window material **GLASS**

Front	Rear
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Make **BMW**

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k) Side window material

GLASS

GLASS

l) Material of bumper

PLASTIC

PLASTIC

n) Exterior Rear wiper

yes

no

XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material
1	FRONT BUMPER	PLASTIC
1	REAR BUMPER	PLASTIC
1	REAR SPOILER	CARBON/PLASTIC
1	REAR DIFFUSER	PLASTIC
1	FRONT AERO PACKAGE	PLASTIC
2	RADIATOR GRILLS	PLASTIC
2	MIRROR SHROUDS	PLASTIC
2	ROCKER PANELS	PLASTIC

Make BMW

Model

340i (non M)

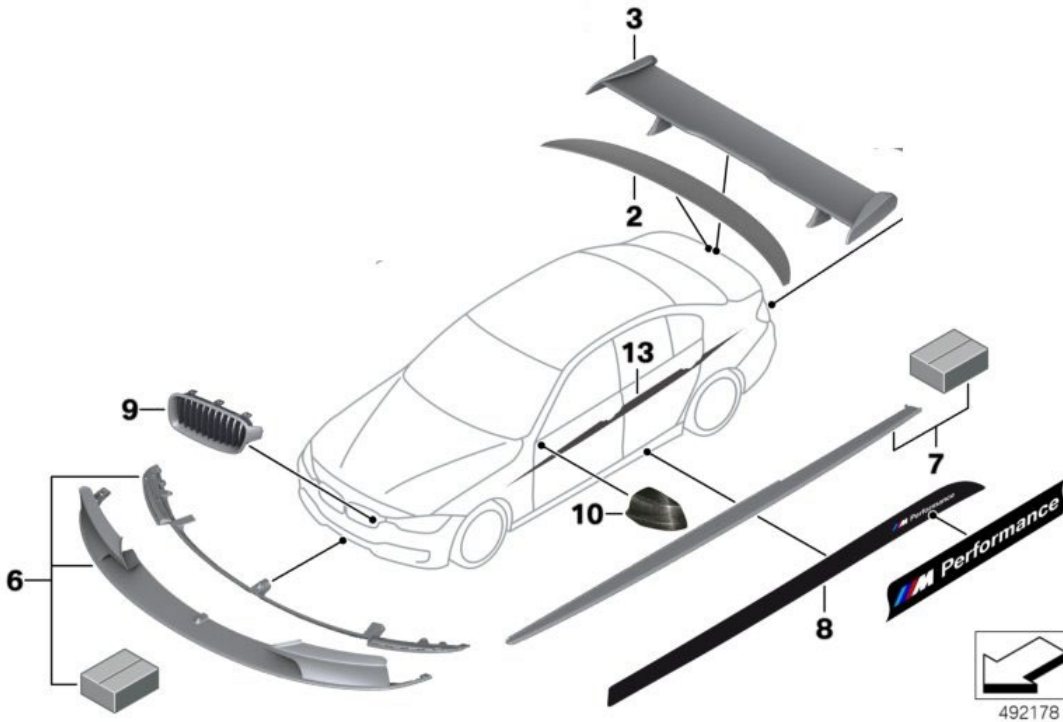
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See images in the Complementary Information

COMPLEMENTARY INFORMATION

M Performance Accessories



- 2. Rear Spoiler 51712240832 (not applicable if Rear Wing is fitted)
- 3. Rear Wing 51192409319 (not applicable if Rear Spoiler is fitted)
- 6. Front Splitter 51192291364
- 7. Rocker Panel Cover – Right 51192291404, Left 51192291407

Make **BMW**

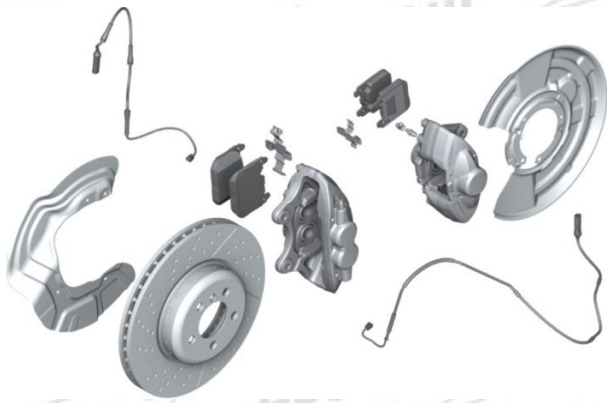
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OPTIONAL M PERFORMANCE FRONT AND REAR BRAKE PACKAGE



	Front	Rear
e) Number of cylinders per wheel	4	2
f) Drum brakes		
f1) Internal diameter	_____	_____
f2) Number of linings per wheel	_____	_____
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>ALLOY</u>	<u>ALLOY</u>
g4) Thickness of new disc	<u>30 ± 0.1 mm</u>	<u>20 ± 1 mm</u>
g5) External diameter of the disc	<u>370 ± 1.5 mm</u>	<u>345 ± 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