

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

330I G20 SEDAN

103. Engine capacity

1998 cm³

Corrected engine capacity

1998 x 1.7 = 3397 cm³

104. Type of car construction

a) Type

separate chassis

monocoque

b) Material of chassis / bodyshell

STEEL/ PLASTIC/ALUMINUM

106. Number of seats

5

2. DIMENSIONS, WEIGHT

Tare Weight

1433 kg

RVD CPA Number. 49936-1355397

Minimum Racing Weight

1433 kg

202. Overall length

4709 mm ± 1 %

203. Maximum overall width

1827 mm ± 1 %

Where measured

MIRRORS

204. Width of bodywork

a) At front axle 1827 mm ± 1 %

b) At rear axle XXXX mm ± 1 %

206. Wheelbase

2851 mm ± 1 %

207. Maximum track

a) Front 1589 mm

b) Rear 1604 mm

Make **BMW**

Model **330i G20 Sedan**

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

TURBOCHARGER

305. Number and layout of cylinders

4/ INLINE



312. Cylinder block material

ALUMINUM

310. Maximum compression ratio

11: 1

313. Sleeves

a)

yes

no

b) Material

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

ALUMINUM

324. Fuel feed by injection : a) Make **BOSCH**

b) Model **DIRECT INJECTION**

f) Position of Injectors:

f1)

Manifold

Cylinderhead

325. Camshaft a) Number

2

b) Location

CYLINDER HEAD

c) Drive system

CHAINED

f) Type of valve operation

DOHV, VVTI

327. Intake

a) Material of manifold

PLASTIC

b) Number of manifold elements

1

c) Number of valves per cylinder

2

328. Exhaust

Make BMW

Model 330i G20 Sedan

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

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 yes no

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 **59** L

402. Fuel pump(s)

- a) Eleectrical Mechanical
 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) yes no
 b) Control system _____

6. POWER TRAIN

601. Driven wheels

- front yes no
 rear yes no

602. Clutch

- a) Type **HYDRAULIC CONVERTOR AUTOMATIC**
 b) Control system **ELECTRONIC**

603. Gearbox

- a) Location **LONGITUDINAL BEHIND ENGINE**
 b) Make **ZF**
 c) Type and location of control **AUTOMATIC AND PADDLE**



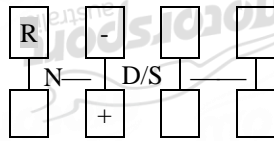
Make **BMW**

Model **330i G20 Sedan**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<u>5.25:1</u>	—	—
2	_____	<u>3.36:1</u>	—	—
3	_____	<u>2.1724:1</u>	—	—
4	_____	<u>1.72:1</u>	—	—
5	_____	<u>1.316:1</u>	—	—
6	_____	<u>1.000:1</u>	—	—
7	_____	<u>0.8221:1</u>	—	—
8	_____	<u>0.640:1</u>	—	—
R	_____	<u>-3.712:1</u>	—	—
Constant	_____	<u>2.81:1</u>	—	—

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

2.81:1

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

STEEL

c) Type of transversal half-shafts

CV

d) Material of transversal half-shafts

STEEL

7. SUSPENSION

Make **BMW**

Model **330i G20 Sedan**

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>17"</u>	<u>17"</u>
b) Width	<u>7.5"</u>	<u>7.5"</u>
c) Offset	<u>30</u> mm	<u>30</u> mm

803. Brakes

a) Braking system

HYDRAULIC

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type

BOSCH

Make **BMW**

Model **330i G20 Sedan**

	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>36 ± 1 mm</u>	<u>24 ± 1 mm</u>
g5) External diameter of the disc	<u>348 ± 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

h) Parking brake: h1) Control system **ELECTRONIC**

h2) Location of lever **CENTRE CONSOLE**
 h3) On which wheels Effet sur roues

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

a) Type

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>	

b) Servo-assistance

Type of Assistance

9. **BODYWORK**

901. **Interior**

a) Ventilation

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

c) Air Conditioning

b) Heating

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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f) Optional sun roof

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

f2) Control system **ELECTRIC**

g) Opening system for side windows

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

Make **BMW**

Model **330i G20 Sedan**

Recognition N°

3-24-002A

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

ALUMINUM

e) Rear bootlid / tailgate material STEEL

f) Bodywork material

STEEL/ALUMINUM

h) Rear window material

GLASS

i) Rear quarter window material GLASS

k) Side window material

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

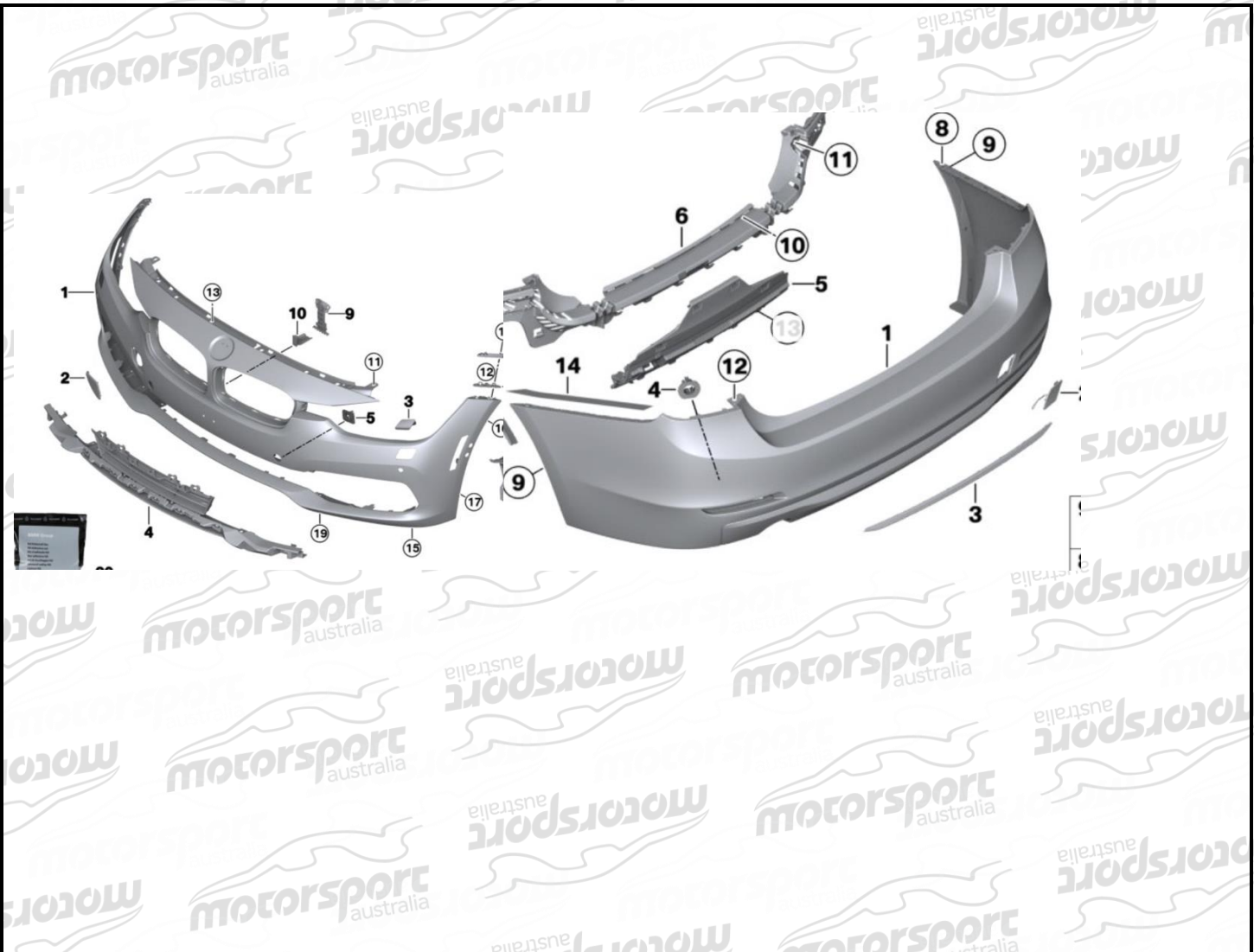
l) Material of bumper

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
	REAR BUMPER	PLASTIC
	FRONT BUMPER	PLASTIC
	KIDNEY GRILLS	PLASTIC
	MIRRORS	PLASTIC
	DOOR HANDLES	PLASTIC



Make BMW

Model 330i G20 Sedan

COMPLEMENTARY INFORMATION

Options

19" Wheels Front 8.0" ET 26mm Rear 8.5" ET40mm

M performance Brake Upgrade Front Brake rotor – 370mm x 30mm

BMW part 34106797603

M performance Brake Upgrade Rear Brake Rotor – 345mm x 28mm.

BMW Part 34206797600

M Performance rear wing BMW Part 51192409319

M Performance rear spoiler BMW Part 51712240832

M Performance front splitter BMW Part 51192291364

