GROUP 3E
Series Production Cars

Recognition N°
3-25-001A
Issued
8 April 2025

Group 3E Recognition FORM

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear

1. GENERAL

101. Manufacturer **HYUNDAI**

102. Commercial name(s) - Model and type **I30N SEDAN (CN7)**

103. Engine capacity **1998** cm³ **Corrected engine capacity** **1998** x **1.7** = **3,396** 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 **1440** **kg** **RVD CPA Number.** *050867 20240216*

Minimum Racing Weight **1440** kg

202. Overall length **4710** mm ± 1 %

203. Maximum overall width **1825** mm ± 1 % Where measured **FRONT AXLE**

204. Width of bodywork

a) At front axle **1800** mm ± 1 %

b) At rear axle **1762** mm ± 1 %

206. Wheelbase **2720** mm ± 1%

207. Maximum track

motorsport australia AUTHORISED

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Make: HYUNDAI **Model: I30 N SEDAN CN7**

a) Front **1584** mm b) Rear **1579** mm

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

301. Location and position of the engine **FRONT EW**

302. Number of mounts **3**

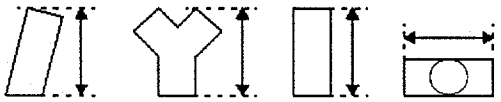
Engine in its compartment

304. Supercharging ☒ yes ☐ no

Maximum manifold pressure **NOT AVAILABLE**

Type and number of compressors **1 TURBO CHARGER**

305. Number and layout of cylinders **4**



☐ ☐ ☒ ☐

312. Cylinder block material **ALLOY**

310. Maximum compression ratio **9.5** : 1

313. Sleeves a) ☒ yes ☐ no b) Material **CAST IRON** c) ☐ wet ☒ dry

314. Bore **86** +0/- 0.1 mm

316. Stroke **86** +0/- 0.1 mm

321. Cylinderhead a) Number **1** b) Material **ALLOY**

324. Fuel feed by injection : a) Make **HYUNDAI** b) Model **T-GDI**

f) Position of Injectors:

f1) ☐ Manifold ☒ Cylinderhead

325. Camshaft a) Number **2** b) Location **DOHC**

c) Drive system **CHAIN** f) Type of valve operation **ELECTRONIC D-CVVT**

327. Intake

a) Material of manifold **PLASTIC**

b) Number of manifold elements **1** c) Number of valves per cylinder **4**

328. Exhaust

a) Material of manifold **CAST IRON**
b) Number of manifold elements **1** d) Number of valves per cylinder **4**

p) External Diameter of exhaust pipe between manifold and first silencer **101.4** mm ± 5%

330. Ignition system

a) Type **ELECTRONIC/ECU** b) Number of plugs per cylinder **1**
c) Number of distributors **N/A** d) Number of coils **3**

331 Cooling system Capacity **7.4** L

332. Cooling fan a) Number **2** b) Diameter of the fan **450** mm
c) 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 **WET SUMP** b) Number of oil pumps **1**
c) Total capacity **5.8** L
e) Location of the cooler(s) **FRONT** f) Type of the cooler(s) **VANE**

4. FUEL CIRCUIT

401. Fuel tank
b) Location **UNDERFLOOR MID**
d) Total capacity **47** L

402. Fuel pump(s) a) ☒ Elelectrical ☒ Mechanical b) Number **2**
d) Location **FUEL TANK / ENGINE** Fuel Pressure Low **72.5PSI** high **5077PSI**

5. ELECTRICAL EQUIPMENT

502. Alternator a) Number **1** b) Type **DC REGULATED**
c) Drive system _____ d) Nominal power **130** 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 Manual **DRY SINGLE PLATE**
Auto **N DCT (WET CLUTCH)**

Make: HYUNDAI **Model: I30 N SEDAN CN7**

b) Control system **HYDRAULIC**

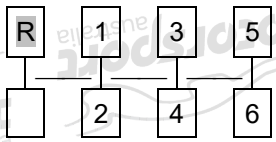
603. Gearbox a) Location **LH OF ENGINE** b) Make **HYUNDAI**

c) Type and location of control **FLOOR SHIFT**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	____	3.083	___	Y
2	____	1.931	___	Y
3	____	1.696	___	Y
4	____	1.276	___	Y
5	____	1.027	___	Y
6	____	0.854	___	Y
R	____	3.588	___	___
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

	Front		Rear	
a) Type of final drive	**TRANSAXLE**		**N/A**	
b) Ratio	**4.154 (1ST, 2ND, REVERSE)** **3.176 (3RD, 4TH, 5TH, 6TH)**		**N/A**	
f) Oil Cooler	☒ yes	☐ no	☐ yes	☐ no
g) Cooler Type	**AIR**		____	

606. Shafts a) Type of longitudinal shafts **N/A**

b) Material of longitudinal shafts **N/A**

c) Type of transversal half-shafts **CONSTANT VELOCITY**

d) Material of transversal half-shafts **STEEL**

7. SUSPENSION

701. General	Front		Rear	
a) Type of suspension	MACPHERSON STRUT		MULTI-LINK	
702. Helical springs	☒ yes	☐ no	☒ yes	☐ no
a) Material	STEEL		STEEL	
703. Leaf springs	☐ yes	☒ no	☐ yes	☒ no
a) Material	N/A		N/A	
704. Torsion bars	☐ yes	☒ no	☐ yes	☒ no
a) Material	____		____	

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

706. Stabiliser	Front	Rear
b) Effective diameter	23.5 mm	24 mm
c) Material	STEEL	STEEL

707. Suspension Dampers	Front	Rear
a) Number per wheel	1	1
b) Type	TELESCOPIC	TELESCOPIC
c) Principle of operation	HYDRAULIC	HYDRAULIC

8. WHEELS

801. Wheels	Front	Rear
a) Diameter	19"	19"
b) Width	8"	8"
c) Offset	+55 mm	+55 mm

803. Brakes

Make: HYUNDAI **Model: I30 N SEDAN CN7**

a) Braking system **HYDRAULIC**

b) Number of master cylinders **1**

c) Servo-brakes ☒ yes ☐ no c1) Make and type **HYUNDAI**

	Front	Rear
e) Number of cylinders per wheel	1	1
f) Drum brakes		
f1) Internal diameter	N/A	N/A
f2) Number of linings per wheel	N/A	N/A
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 ± 1 mm	20 ± 1 mm
g5) External diameter of the disc	360 ± 1.5 mm	314 ± 1.5 mm
g9) Ventilated discs	☐ yes ☒ no	☐ yes ☒ no

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

h2) Location of lever **CENTRE CONSOLE** ☐ Front ☒ Rear

804. Steering

	Front		Rear	
a) Type	RACK & PINION,		N/A	
b) Servo-assistance	☒ yes	☐ no	☐ yes	☐ no
Type of Assistance	ELECTRIC		N/A	

9. BODYWORK

901. Interior a) Ventilation ☒ yes ☐ no b) Heating ☒ yes ☐ no

c) Air Conditioning ☒ yes ☐ no

f) Optional sun roof ☒ yes ☐ no

f1) Type _____ f2) Control system _____

	Front	Rear
g) Opening system for side windows	ELECTRIC	ELECTRIC

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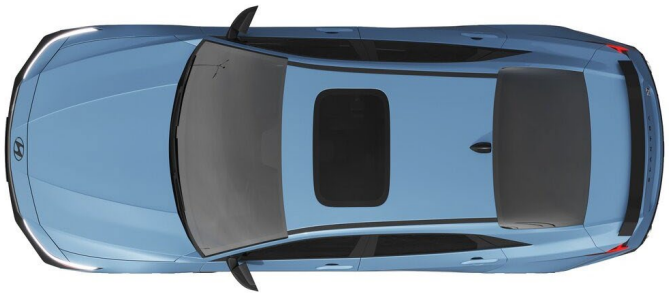
Make: HYUNDAI **Model: I30 N SEDAN CN7** **3-25-001A**

X) Dashboard

Y) Sunroof



902. Exterior

a) Number of doors **4**

b) Tailgate ☐ yes ☒ no

	Front	Rear
c) Door material	**STEEL**	**STEEL**

d) Front bonnet material **STEEL**

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

f) Bodywork material **STEEL**

h) Rear window material **GLASS**

i) Rear quarter window material **GLASS**

	Front	Rear
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
2	Rear Bumper	Plastic
3	Rear Wing	Plastic
4	Side skirts	Plastic
5	Mirrors	Plastic

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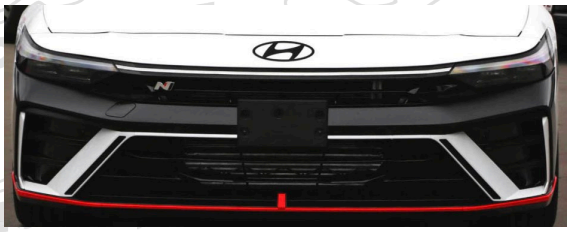

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2 and 3

4

5

COMPLEMENTARY INFORMATION

Auto DCT

603. Gearbox

a) Location **LH OF ENGINE** b) Make **HYUNDAI**

c) Type and location of control **FLOOR SHIFT**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	____	3.714	___	Y
2	____	2.261	___	Y
3	____	2.174	___	Y
4	____	1.621	___	Y
5	____	0.927	___	Y
6	____	0.767	___	Y
7	____	0.878	___	Y
8	____	0.698	___	Y
R	____	3.697	___	___
Constant	____	____	___	___

605. Final drive

	Front		Rear	
a) Type of final drive	TRANSAXLE		N/A	
b) Ratio	3.800 (1ST, 2ND, 5TH, 6TH, REVERSE) 2.714 (3RD, 4TH, 7TH, 8TH)		N/A	
f) Oil Cooler	☒ yes	☐ no	☐ yes	☐ no
g) Cooler Type	AIR		____	