

## Group 3E Recognition Document

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear



### 1. GENERAL

101. Manufacturer

**KIA**

102. Commercial name(s) - Model and type

**PRO-CEED 1600 GT TURBO**

103. Engine capacity

**1591 cm<sup>3</sup>**

Corrected engine capacity

**1591 x 1.7 = 2704 cm<sup>3</sup>**

104. Type of car construction

a) Type

separate chassis

monocoque

b) Material of chassis / bodyshell

**STEEL**

106. Number of seats

**4**

### 2. DIMENSIONS, WEIGHT

Minimum Racing Weight

**1280 kg**

202. Overall length

**4310 mm ± 1 %**

203. Maximum overall width

**1780 mm ± 1 %**

Where measured

**FRONT AXLE**

204. Width of bodywork

a) At front axle

**1780 mm ± 1 %**

b) At rear axle

**1770 mm ± 1 %**

206. Wheelbase **2650 mm ± 1%**

207. Maximum track

a) Front **1557 mm**

b) Rear **1570 mm**

Make **KIA**

Model **PRO-CEED GT**

**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

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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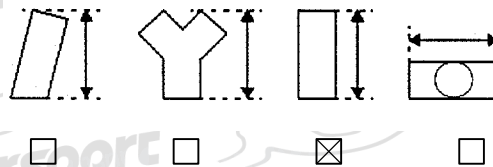
Maximum manifold pressure **1.2 BAR**

Type and number of compressors **1 TURBOCHARGER KIA**

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 **77** +/- 0.1 mm

316. Stroke **85** +/- 0.1 mm

321. Cylinderhead

a) Number **1**

b) Material **ALOY**

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

b) Model **TGDI**

f) Position of Injectors:

f1)  Manifold  Cylinderhead

325. Camshaft

a) Number

**2**  
**CHAIN**

b) Location

**DOHC**  
**DIRECT**

c) Drive system

f) Type of valve operation

327. Intake

a) Material of manifold **PLASTIC**

b) Number of manifold elements **1**

c) Number of valves per cylinder **2**

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**Make** KIA

**Model** PRO-CEED GT

**328. Exhaust**

- a) Material of manifold **CAST IRON**
- b) Number of manifold elements **1**
- d) Number of valves per cylinder **2**
- p) External Diameter of exhaust pipe between manifold and first silencer **75** mm ± 5%

**330. Ignition system**

- a) Type **ELECTRONIC/ECU**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **NA**
- d) Number of coils **4**

**331. Cooling system**

Capacity **8** L

**332. Cooling fan**

- a) Number **1**
- b) Diameter of the fan **430** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **7**
- e) Type of drive **ELECTRIC**
- 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 **1**
- c) Total capacity **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 **53** L

**402. Fuel pump(s)**

- a) 

<input checked="" type="checkbox"/> Elelectrical	<input checked="" type="checkbox"/> Mechanical
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- b) Number **2**
- d) Location **FUEL TANK/ENGINE**
- Fuel Pressure **275.79KPA**

**5. ELECTRICAL EQUIPMENT**

**502. Alternator**

- a) Number **1**
- b) Type **DC REGULATED**
- c) Drive system **BELT**
- d) Nominal power **130** 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 checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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- rear 

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

- a) Type **DRY SINGEL PLATE**
- b) Control system **HYDRAULIC**





**Make** KIA

**Model** PRO-CEED GT

**603. Gearbox**

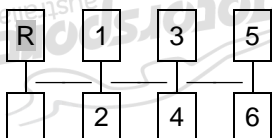
a) Location **BEHIND ENGINE** b) Make **KIA**

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

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<b><u>3.308</u></b>	_____	<b><u>Y</u></b>
2	_____	<b><u>1.962</u></b>	_____	<b><u>Y</u></b>
3	_____	<b><u>1.323</u></b>	_____	<b><u>Y</u></b>
4	_____	<b><u>1.024</u></b>	_____	<b><u>Y</u></b>
5	_____	<b><u>0.825</u></b>	_____	<b><u>Y</u></b>
6	_____	<b><u>0.702</u></b>	_____	<b><u>Y</u></b>
R	_____	<b><u>3.583</u></b>	_____	_____
<b>Constant</b>	_____	<b><u>4.467</u></b>	_____	_____

f) Gear change gate



**604. Transfer box / Centre differential**

a) Ratios

**NA**

c) Control system of transfer box

**NA**

d) Type of central differential

**NA**

**605. Final drive**

a) Type of final drive

**TRANSAXLE**

b) Ratio

\_\_\_\_\_

f) Oil Cooler

yes

no

yes

no

g) Cooler Type

\_\_\_\_\_

**NA**

**606. Shafts**

a) Type of longitudinal shafts

**NA**

b) Material of longitudinal shafts

**NA**

c) Type of transversal half-shafts

**CONSTANT VELOCITY**

d) Material of transversal half-shafts

**STEEL**

**Make** KIA

**Model** PRO-CEED GT

**7. SUSPENSION**

**701. General**

Front		Rear	
<b><u>MCPHERSON STRUT</u></b>		<b><u>MULTI-LINK</u></b>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
<b><u>STEEL</u></b>		<b><u>STEEL</u></b>	

**702. Helical springs**

a) Material

**705. Other type of suspension**

See description on additional form

**706. Stabiliser**

Front		Rear	
<b><u>19 mm</u></b>		<b><u>15 mm</u></b>	
<b><u>STEEL</u></b>		<b><u>STEEL</u></b>	

b) Effective diameter

c) Material

**707. Suspension Dampers**

Front		Rear	
<b><u>1</u></b>		<b><u>1</u></b>	
<b><u>TELESCOPIC</u></b>		<b><u>TELESCOPIC</u></b>	
<b><u>HYDRAULIC</u></b>		<b><u>HYDRAULIC</u></b>	

a) Number per wheel

b) Type

c) Principle of operation

**8. WHEELS**

**801. Wheels**

	Front	Rear
a) Diameter	<b><u>17"</u></b>	<b><u>17"</u></b>
b) Width	<b><u>7.5"</u></b>	<b><u>7.5"</u></b>
c) Offset	<b><u>40 mm</u></b>	<b><u>40 mm</u></b>

**803. Brakes**

a) Braking system

**HYDRAULIC**

b) Number of master cylinders

**1**

c) Servo-brakes

yes  no

c1) Make and type

**KIA**

Make KIA

Model PRO-CEED GT

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	Front	Rear
e) Number of cylinders per wheel	<u>1</u>	<u>1</u>
g) <b>Disc brakes</b>		
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>28 ± 1 mm</u>	<u>10 ± 1 mm</u>
g5) External diameter of the disc	<u>320 ± 1.5 mm</u>	<u>262 ± 1.5 mm</u>
g9) Ventilated discs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

h) Parking brake: h1) Control system MECHANICAL

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 AND PINION</u>		<u>NA</u>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
<u>ELECTRIC</u>		<u>                    </u>	

9. BODYWORK

901. Interior

a) Ventilation

c) Air Conditioning

b) Heating

<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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f) Optional sun roof

f1) Type

f2) Control system

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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g) Opening system for side windows

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

X) Dashboard

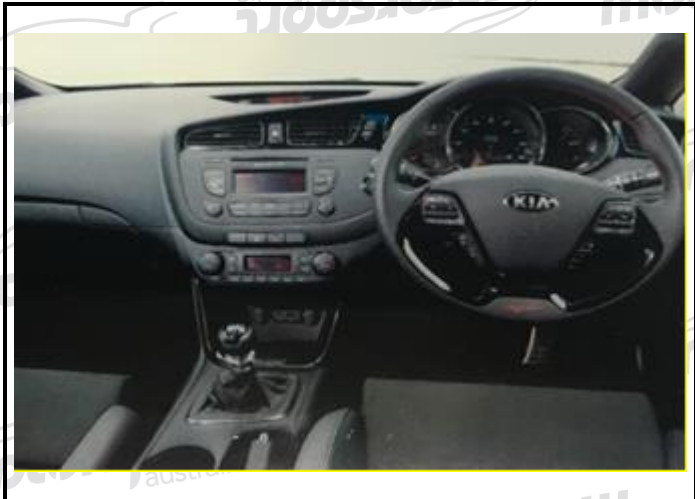
Y) Sunroof



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Make KIA

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902. Exterior

a) Number of doors **2**

b) Tailgate  yes  no

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

c) Door material

d) Front bonnet material **STEEL**

f) Bodywork material **STEEL**

i) Rear quarter window material **GLASS**

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

h) Rear window material **GLASS**

k) Side window material

l) Material of bumper

n) Exterior Rear wiper

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

yes  no





**XIII) NON METALLIC PARTS OF THE BODY**

Number	Part	Material

Drawing / photo required



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COMPLEMENTARY INFORMATION

