

Group 3E RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

HOLDEN SPECIAL VEHICLES (HSV)

102. Commercial name(s) - Model and type

GTS - E SERIES

103. Engine capacity

6162 cm³ Corrected engine capacity **6162 x 1 = 6162 cm³**

104. Type of car construction

a) Type

<input type="checkbox"/> separate chassis	<input checked="" type="checkbox"/> monocoque
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b) Material of chassis / bodyshell

STEEL

106. Number of seats

5

2. DIMENSIONS, WEIGHT

Minimum Racing Weight **1665 kg**

202. Overall length **4943 mm ± 1 %**

203. Maximum overall width **1899 mm ± 1 %** Where measured **LESS MIRRORS**

204. Width of bodywork

a) At front axle **1899 mm ± 1 %**

b) At rear axle **1899 mm ± 1 %**

206. Wheelbase **2915 mm ± 1 %**

207. Maximum track

a) Front **1592 mm**

b) Rear **1590 mm**

Make HSV

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3. ENGINE

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

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

302. Number of mounts **2**

Engine in its compartment



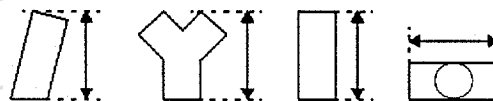
304. Supercharging

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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Maximum manifold pressure **N/A**

Type and number of compressors **N/A**

305. Number and layout of cylinders **V8**



312. Cylinder block material **ALUMINIUM ALLOY**

310. Maximum compression ratio **10.7 : 1**

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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313. Sleeves

a) <input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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b) Material **N/A**

c) <input type="checkbox"/> wet	<input type="checkbox"/> dry
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314. Bore **103.25** +/- 0.1 mm

316. Stroke **92** +/- 0.1 mm

321. Cylinderhead

a) Number **2**

b) Material **ALUMINIUM ALLOY**

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

b) Model **DELPHI**

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft

a) Number

1
CHAIN

b) Location

CYLINDER CASE

c) Drive system

f) Type of valve operation

PUSHROD AND ROCKER

327. Intake

a) Material of manifold

PLASTIC

b) Number of manifold elements

1

c) Number of valves per cylinder

1



328. Exhaust

- a) Material of manifold **STAINLESS STEEL**
- b) Number of manifold elements **1**
- d) Number of valves per cylinder **1**
- p) External Diameter of exhaust pipe between manifold and first silencer **78** mm ± 5%

330. Ignition system

- a) Type **ELECTRONIC**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **N/A**
- d) Number of coils **8**

331. Cooling system

Capacity **11** L

332. Cooling fan

- a) Number **2**
- b) Diameter of the fan **350** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **9/7**
- e) Type of drive **ELECTRICAL**
- 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 **8.3** L
- e) Location of the cooler(s) **N/A**
- f) Type of the cooler(s) **N/A**

4. FUEL CIRCUIT

401. Fuel tank

- b) Location **IN BOOT**
- d) Total capacity **73** L

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Elelectrical	<input type="checkbox"/> Mechanical
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- b) Number **1**
- d) Location **FUEL TANK**

Fuel Pressure _____

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number **1**
- b) Type **SC2**
- c) Drive system **BELT**
- d) Nominal power **155** Amp

503. Retractable headlights

- a)

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

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 **DIAPHRAM**
- b) Control system **HYDRAULIC**



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603. Gearbox

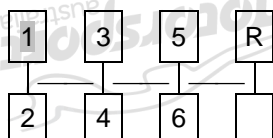
a) Location **MID CENTRAL** b) Make **TREMEC TR6060**

c) Type and location of control **H-PATTERN / FLOOR CENTRAL**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	3.01:1	_____	_____
2	_____	2.07:1	_____	_____
3	_____	1.43:1	_____	_____
4	_____	1.00:1	_____	_____
5	_____	0.84:1	_____	_____
6	_____	0.57:1	_____	_____
R	_____	_____	_____	_____
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

N/A

b) Ratio

N/A

f) Oil Cooler

yes

no

yes

no

g) Cooler Type

N/A

N/A

606. Shafts

a) Type of longitudinal shafts

2 PIECE HOLLOW

b) Material of longitudinal shafts

STEEL

c) Type of transversal half-shafts

SOLID

d) Material of transversal half-shafts

STEEL



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7. SUSPENSION

701. General

	Front		Rear	
a) Type of suspension	<u>MACPHERSON STRUT</u>		<u>MUTILINK IRS</u>	
	<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	<u>N/A</u>		<u>N/A</u>	
704. Torsion bars	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	<u>N/A</u>		<u>N/A</u>	

705. Other type of suspension

See description on additional form

706. Stabiliser

	Front	Rear
b) Effective diameter	<u>26</u> mm	<u>20</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>TELESCOPIC</u>	<u>TELESCOPIC</u>
c) Principle of operation	<u>HYDRAULIC</u>	<u>HYDRAULIC</u>

8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	<u>20</u> "	<u>20</u> "
b) Width	<u>8</u> "	<u>9.5</u> "
c) Offset	<u>+48</u> mm	<u>+57</u> mm



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803. Brakes

a) Braking system

HYDRAULIC

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type

PBR

e) Number of cylinders per wheel

f) **Drum brakes**

f1) Internal diameter

f2) Number of linings per wheel

g) **Disc brakes**

g1) Number of pads per wheel

g2) Number of calipers per wheel

g3) Caliper material

g4) Thickness of new disc

g5) External diameter of the disc

g9) Ventilated discs

	Front	Rear
e)	4	4
f)	N/A	N/A
f1)	N/A	N/A
f2)	2	2
g1)	1	1
g2)	ALUMINIUM ALLOY	ALUMINIUM ALLOY
g3)	32 ± 1 mm	26 ± 1 mm
g4)	365 ± 1.5 mm	350 ± 1.5 mm
g5)	<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

h2) Location of lever

CENTRE CONSOLE

Front Rear

804. Steering

a) Type

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

b) Servo-assistance

Type of Assistance

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

N/A

f2)

Control system

N/A

g) Opening system for side windows

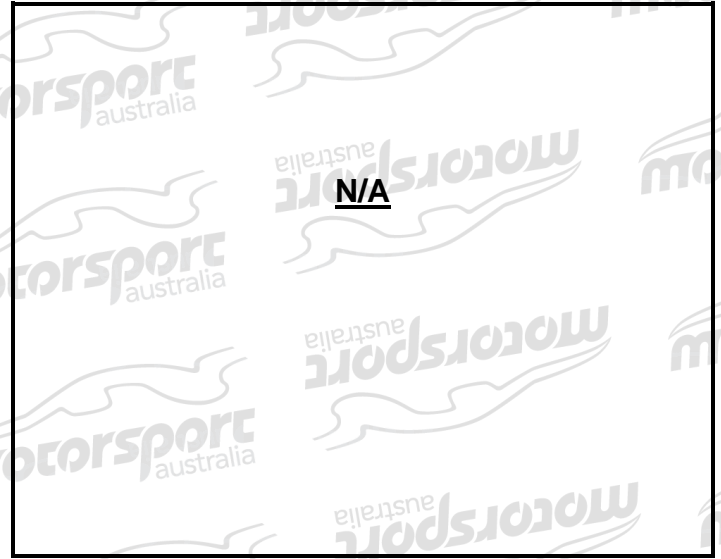
Front	Rear
ELECTRIC	ELECTRIC



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

c) Door material

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

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

Drawing / photo required



COMPLEMENTARY INFORMATION

Optional Brake Package (For E3 vehicles only)

c) Servo-brakes

yes no

c1) Make and type **PBR**

	Front	Rear
e) Number of cylinders per wheel	6	4
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	ALUMINIUM ALLOY	ALUMINIUM ALLOY
g4) Thickness of new disc	36 ± 1 mm	33 ± 1 mm
g5) External diameter of the disc	378 ± 1.5 mm	372 ± 1.5 mm
g9) Ventilated discs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no

ERRATA:

Version 3-11-007B

Optional Brake Package added for E3 Model



**Group 3E HOMOLOGATION FORM
PRODUCTION VARIANT**

102. Commercial name(s) - Model and type

GTS - E2 SERIES

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear

