

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

102. Commercial name(s) - Model and type

VE CLUBSPORT R8 TOURER

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 |
|---|---|

b) Material of chassis / bodyshell **STEEL**

106. Number of seats

5

2. DIMENSIONS, WEIGHT

Minimum Racing Weight **1744** kg

202. Overall length **4911** mm ± 1 %

203. Maximum overall width **2100** mm ± 1 % Where measured **EXTERIOR SIDE MIRRORS**

204. Width of bodywork

a) At front axle **1880** mm ± 1 %

b) At rear axle **1898** mm ± 1 %

206. Wheelbase **2915** mm ± 1%

207. Maximum track

a) Front **1592** mm

b) Rear **1590** mm

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

301. Location and position of the engine **FRONT / CENTRAL**

302. Number of mounts **2**

Engine in its compartment



304. Supercharging yes no

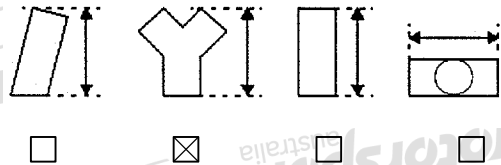
Maximum manifold pressure **N/A**

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

305. Number and layout of cylinders **8 / 90° V**

312. Cylinder block material **ALUMINIUM ALLOY**

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



313. Sleeves a) yes no b) Material **STEEL** c) wet dry

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** b) Location **CYLINDER CASE**
 c) Drive system **CHAIN** 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



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- a) Material of manifold **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 _____ mm
- c) Material of the fan **PLASTIC**
- d) Number of blades _____

- e) Type of drive **ELECTRICAL**
- f) Automatic cut in

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

333. Lubrication system

- a) Type **WET SUMP**
- b) Number of oil pumps **1**
- c) Total capacity _____ 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 **UNDER PASSENGER REAR FLOOR**
- d) Total capacity **73** L

402. Fuel pump(s)

- a)

| | |
|---|-------------------------------------|
| <input checked="" type="checkbox"/> Eleectrical | <input type="checkbox"/> Mechanical |
|---|-------------------------------------|
- 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 |
|------------------------------|--|
- b) Control system _____

6. POWER TRAIN

601. Driven wheels

- front

| | |
|------------------------------|--|
| <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
|------------------------------|--|
- rear

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

602. Clutch

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

603. Gearbox

- a) Location **MID CENTRAL**
- b) Make **TREMEC**
- c) Type and location of control **H PATTERN / FLOOR CENTRAL**



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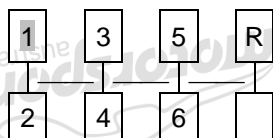
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e) Ratios

| | Number of teeth | Ratio | Constant Mesh | Synchro |
|----------|-----------------|---------------|---------------|----------|
| 1 | _____ | <u>3.01:1</u> | _____ | <u>Y</u> |
| 2 | _____ | <u>2.07:1</u> | _____ | <u>Y</u> |
| 3 | _____ | <u>1.43:1</u> | _____ | <u>Y</u> |
| 4 | _____ | <u>1.00:1</u> | _____ | <u>Y</u> |
| 5 | _____ | <u>0.84:1</u> | _____ | <u>Y</u> |
| 6 | _____ | <u>0.57:1</u> | _____ | <u>Y</u> |
| R | _____ | _____ | _____ | <u>Y</u> |
| 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

HYPOID

b) Ratio

N/A

3.7:1

f) Oil Cooler

yes

no

yes

no

g) Cooler Type

N/A

N/A

606. Shafts

a) Type of longitudinal shafts

HOLLOW 2 PIECE

b) Material of longitudinal shafts

STEEL

c) Type of transversal half-shafts

SOLID

d) Material of transversal half-shafts

STEEL

7. SUSPENSION



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701. General

| | Front | Rear |
|-----------------------------|---|--|
| a) Type of suspension | MACPHERSON STRUT | MULTI-LINK IRS |
| 702. Helical springs | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
| a) Material | STEEL | STEEL |
| 703. Leaf springs | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| a) Material | N/A | N/A |
| 704. Torsion bars | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| a) Material | N/A | N/A |

705. Other type of suspension

See description on additional form

706. Stabiliser

| | Front | Rear |
|-----------------------|--------------|--------------|
| b) Effective diameter | 26 mm | 20 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 | 20" | 20" |
| b) Width | 8" | 9.5" |
| c) Offset | +48 mm | +57 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

| | Front | Rear |
|-----------------------------------|---|---|
| e) Number of cylinders per wheel | <u>4</u> | <u>4</u> |
| f) Drum brakes | | |
| f1) Internal diameter | <u>N/A</u> | <u>N/A</u> |
| f2) Number of linings per wheel | <u>N/A</u> | <u>N/A</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>ALUMINIUM ALLOY</u> | <u>ALUMINIUM ALLOY</u> |
| g4) Thickness of new disc | <u>32 ± 1 mm</u> | <u>26 ± 1 mm</u> |
| g5) External diameter of the disc | <u>365 ± 1.5 mm</u> | <u>350 ± 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

CABLE

h2) Location of lever

MID CENTRAL

Front Rear

804. Steering

a) Type

RACK AND PINION

Rear

N/A

b) Servo-assistance

yes

no

yes

no

Type of Assistance

HYDRAULIC

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

N/A

f2) Control system

N/A

| | Front | Rear |
|------------------------------------|-----------------|-----------------|
| g) Opening system for side windows | <u>ELECTRIC</u> | <u>ELECTRIC</u> |

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X) Dashboard

Y) Sunroof



902. Exterior

a) Number of doors 4

b) Tailgate

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

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



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XIII) NON METALLIC PARTS OF THE BODY

| Number | Part | Material |
|-------------|-------------------------|----------|
| 14A1060602P | Front facia | plastic |
| 92214064 | Rear facia | plastic |
| A08-060603P | LH rocker panel molding | plastic |
| A08-060604P | RH rocker panel molding | plastic |
| 92194164 | Spare wheel well | plastic |
| B08-060610P | Front Hood Moulding | plastic |
| | | |
| | | |
| | | |

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Spare Wheel Well



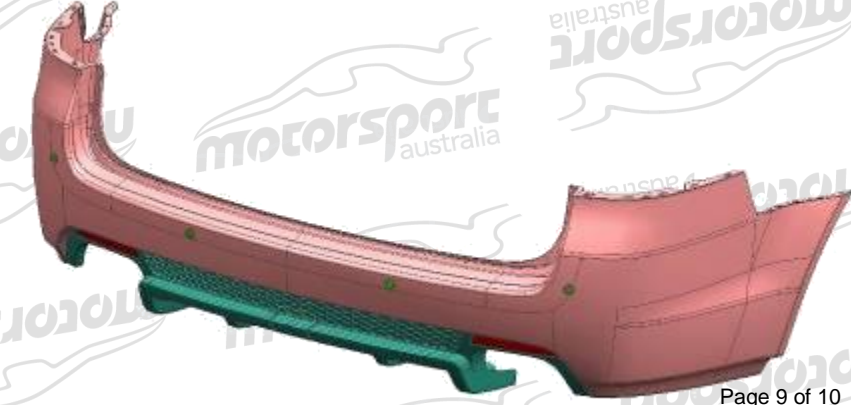
Front Facia



RH Rocker



LH Rocker



Rear Facia



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COMPLEMENTARY INFORMATION

