

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 **GTS / VYII**
- 103. Engine capacity **5667** cm³ Corrected engine capacity **5667** x **1** = **5667** 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 **1581** kg
- 202. Overall length **4984.0** mm +/- 1 %
- 203. Maximum overall width **1844.0** mm +/- 1 % Where measured **Rear Wheel Arch**
- 204. Width of bodywork

a) At front axle	<u>1820.0</u> mm +/- 1 %
b) At rear axle	<u>1844.0</u> mm +/- 1 %
- 206. Wheelbase **2788.0** mm +/- 1 %
- 207. Maximum track



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a) Front **1569.0** mm b) Rear **1587.0** 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

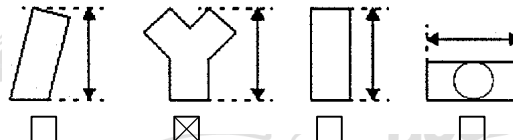


304. Supercharging yes no

(In case of supercharging, see Art. 334 on additional form)

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

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



310. Compression ratio **10.1 : 1**

312. Cylinder block material **Aluminium Alloy**

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

314. Bore **99** +/- 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 **24508208**

f) Position of injectors

f1) **Manifold** **Cylinderhead**

325. Camshaft a) Number **1** b) Location **Cylinder Assembly**

c) Drive system **Chain** f) Type of valve operation **Pushrod & Rocker**

327. Intake a) Material of manifold **Plastic**

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



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328. Exhaust a) Material of manifold **Steel**

b) Number of manifold elements **2**

d) Number of valves per cylinder **1**

p) External Diameter of exhaust pipe between manifold and first silencer _____ mm +/- 5%

330. Ignition system

a) Type **Coil on Plug**

b) Number of plugs per cylinder **1**

c) Number of distributors **0**

d) Number of coils **8**

331. Cooling system

Capacity **14.3** l

332. Cooling fan

a) Number **2**

b) Diameter of the fan **355mm & 292** mm

c) Material of the fan **Plastic**

d) Number of blades **5 & 5**

e) Type of drive **Electric Motor**

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 **6.2** L

d) Oil cooler(s)

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> no
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Number **N/A**

e) Location of the cooler(s) **N/A**

f) Type of the cooler(s) **N/A**

4. FUEL CIRCUIT

401. Fuel tank

a) Number **1**

b) Location **Rear under Boot Floor**

c) Material **Plastic**

d) Total capacity **75.0** L

e) Filler hole locations **Right Rear Quarter**

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**

5. ELECTRICAL EQUIPMENT

502. Alternator

a) Number **1**

b) Type **Alternator**

c) Drive system **Belt**

d) Nominal power **140** 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

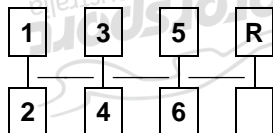
a) Location **Mid / Central** b) Make **Tremec**

c) Type and location of control **H Pattern / Floor Shift**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	<u>39</u>	<u>2.66 :1</u>	—	<u>Yes</u>
2	<u>43</u>	<u>1.78 :1</u>	—	<u>Yes</u>
3	<u>37</u>	<u>1.30 :1</u>	—	<u>Yes</u>
4	—	<u>1.00 :1</u>	—	<u>Yes</u>
5	<u>37</u>	<u>0.74 :1</u>	—	<u>Yes</u>
6	<u>29</u>	<u>0.50 :1</u>	—	<u>Yes</u>
R	<u>35</u>	<u>2.90:1</u>	—	<u>Yes</u>
Constant	—	—	—	—

f) Gear change gate



g) Type of lubrication **Oil**

h) Oil cooler

yes no

Type **N/A**

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

Crown & Pinion

b) Ratio

N/A

3.91 :1

c) Number of teeth

N/A

43

d) Type of differential limitation

N/A

LSD



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e) Type of lubrication

N/A

Oil

f) Oil cooler

yes

no

yes

no

g) Cooler Type

N/A

N/A

606. Shafts

- a) Type of longitudinal shafts
- b) Material of longitudinal shafts
- c) Type of transversal half-shafts
- d) Material of transversal half-shafts

Hollow 2 piece Drive Shaft

Steel

Solid

Steel

7. SUSPENSION

701. General

Front

Rear

a) Type of suspension

Independent MacPherson Strut

Independent Semi-Trailing Arm

702. Helical springs

yes

no

yes

no

a) Material

Steel

Steel

703. Leaf springs

yes

no

yes

no

a) Material of main leaf

704. Torsion bars

yes

no

yes

no

a) Material

n/a

n/a

705. Other type of suspension

See description on additional form

706. Stabiliser

Front

Rear

b) Effective diameter

28.5 mm

15.5 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

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8. WHEELS

801. Wheels

Front	Rear
<u>19"</u>	<u>19"</u>
<u>8"</u>	<u>8"</u>
<u>+48</u> mm	<u>+48</u> mm

- a) Diameter
- b) Width
- c) Offset

803. Brakes

a) Braking system **Hydraulic**

b) Number of master cylinders 1

c) Servo-brakes yes no

c1) Make and type **PBR/Vacuum**

	Front	Rear
e) Number of cylinders per wheel	<u>6</u>	<u>4</u>
f) Drum brakes		
f1) Internal diameter	<u>N/A</u> +/- 1.5 mm	<u>N/A</u> +/- 1.5 mm
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>32.0</u> +/- 1 mm	<u>25.0</u> +/- 1 mm
g5) External diameter of the disc	<u>362.0</u> +/- 1.5 mm	<u>343.0</u> +/- 1.5 mm
g9) Ventilated discs	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no

h) Parking brake

h1) Control system

Cable

h2) Location of lever **Centre Console**

h3) On which wheels

Front Rear

804. Steering

a) Type

Front		Rear	
Rack & Pinion		<u>N/A</u>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Hydraulic		<u>N/A</u>	

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**



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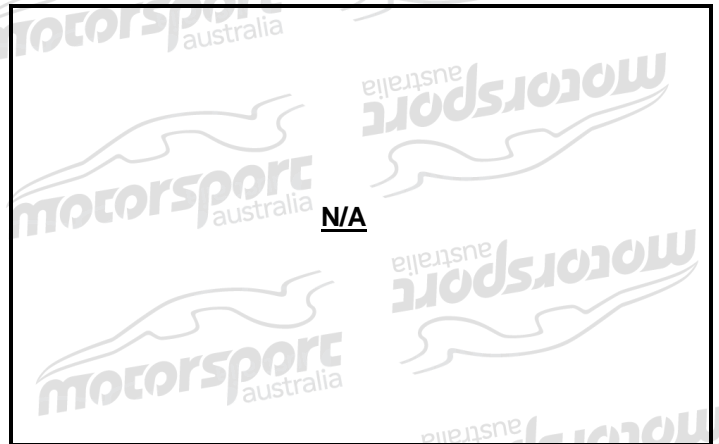
g) Opening system for side windows

Front	Rear
<u>Electric</u>	<u>Electric</u>

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

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

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n) Exterior Rear wiper

yes

no

XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material
<u>14A1020601P</u>	<u>Front Bumper</u>	<u>Plastic</u>
<u>12A2020901P</u>	<u>Rear Bumper</u>	<u>Plastic</u>
<u>A08-020902P</u>	<u>Side Skirt RH</u>	<u>Plastic</u>
<u>A08-020901P</u>	<u>Side Skirt LH</u>	<u>Plastic</u>
<u>E08-020601</u>	<u>Rear Wing</u>	<u>Polycarbonate</u>

DRAWING

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COMPLEMENTARY INFORMATION

