

Group 3E Recognition Document

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

HOLDEN LTD

102. Commercial name(s) - Model and type

COMMODORE VF SSV, SSV REDLINE, SSV CL EDITION

103. Engine capacity

5967 cm³ Corrected engine capacity **5967** x **1** = **5967** 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

Tare Weight

1699 kg

RVD CPA Number. 44667-101981

Minimum Racing Weight

1631 kg

202. Overall length

4966 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 **1590** mm

b) Rear **1584** mm

Make **Holden** Model **Commodore VF SSV, SSV Redline, SSV CL Edition**

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

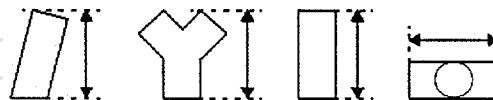
Type and number of compressors

N/A

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

312. Cylinder block material **ALUMINIUM ALLOY**

310. Maximum compression ratio **10.4 : 1**



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

314. Bore **101.6** +0/- 0.1 mm

316. Stroke **92** +0/- 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 BLOCK**

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**



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3-17-006B

328. Exhaust

- a) Material of manifold **CAST IRON**
- b) Number of manifold elements **1**
- d) Number of valves per cylinder **1**
- p) External Diameter of exhaust pipe between manifold and first silencer **58.7** mm ± 5%

330. Ignition system

- a) Type **ELECTRONIC**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **0**
- 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 **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 **8.2** L

- e) Location of the cooler(s) **NA**
- f) Type of the cooler(s) **NA**

4. FUEL CIRCUIT

401. Fuel tank

- b) Location **UNDER REAR PASSENGER FLOOR**
- d) Total capacity **73** L

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Eleectrical	<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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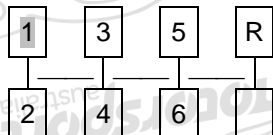
3-17-006B

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>3.01</u>	_____	<u>Y</u>
2	_____	<u>2.07</u>	_____	<u>Y</u>
3	_____	<u>1.43</u>	_____	<u>Y</u>
4	_____	<u>1.00</u>	_____	<u>Y</u>
5	_____	<u>0.84</u>	_____	<u>Y</u>
6	_____	<u>0.57</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

b) Ratio

f) Oil Cooler

g) Cooler Type

	Front	Rear
a) Type of final drive	N/A	HYPOLID
b) Ratio	N/A	3.45:1
f) Oil Cooler	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> 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**



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3-17-006B

7. SUSPENSION

701. General

Front		Rear	
INDEPENDENT MCPHERSON STRUT		DOUBLE A	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
STEEL		STEEL	

a) Type of suspension

702. Helical springs

a) Material

705. Other type of suspension

See description on additional form

706. Stabiliser

b) Effective diameter

c) Material

Front	Rear
26 mm	18 mm
STEEL	STEEL

707. Suspension Dampers

a) Number per wheel

b) Type

c) Principle of operation

Front	Rear
1	1
TELESCOPIC	TELESCOPIC
HYDRAULIC	HYDRAULIC

8. WHEELS

801. Wheels

a) Diameter

b) Width

c) Offset

Front	Rear
18"	18"
8"	8"
+48 mm	+48 mm

803. Brakes

a) Braking system

b) Number of master cylinders

c) Servo-brakes

HYDRAULIC

1

yes no

c1) Make and type

HOLDEN



Make **Holden** Model **Commodore VF SSV, SSV Redline, SSV CL Edition**

3-17-006B

	Front	Rear
e) Number of cylinders per wheel	2	1
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	30 ± 1 mm	22 ± 1 mm
g5) External diameter of the disc	321 ± 1.5 mm	324 ± 1.5 mm
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 **ELECTRIC**

h2) Location of lever **CENTER CONSOLE**

h3) On which wheels

<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>N/A</u>	
<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
<u>ELECTRIC</u>		<u>N/A</u>	

9. BODYWORK

901. Interior

a) Ventilation

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

b) Heating

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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c) Air Conditioning

f) Optional sun roof

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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f1) Type **YES**

f2) Control system **ELECTRIC**

g) Opening system for side windows

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

X) Dashboard

Y) Sunroof



Make **Holden** Model **Commodore VF SSV, SSV Redline, SSV CL Edition**

3-17-006B

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

f) Bodywork material STEEL

i) Rear quarter window material GLASS

e) Rear bootlid / tailgate material STEEL

h) Rear window material GLASS

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

k) Side window material

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
92293841	Front Facia	Plastic
92280816	Rear Facia	Plastic
92162071	LH Rocker Panel Molding	Plastic
92162072	RH Rocker Panel Molding	Plastic





GROUP 3E
Series Production Cars
Recognition Documents

OPTION VARIANT EXTENSION FORM

The use of components shown on this form is optional, unless further restrictions are noted in the Form.

This form is applicable to the homologated vehicle only when competing in the Group/Field as listed above

Where a discrepancy exists between the components/information shown on the present form and that shown on the basic Homologation Document, the information on the present form shall take precedence

Vehicle Manufacturer : **Holden**

Model and type : **COMMODORE VF SSV, SSV REDLINE, SSV CL EDITION**

Homologation valid as from : 11 April 2017

803. Brakes

a) Braking system

HYDRAULIC

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type

BREMBO / HOLDEN

SSV Redline

	Front	Rear
e) Number of cylinders per wheel	4	1
g) Disc brakes	2	2
g1) Number of pads per wheel	1	1
g2) Number of calipers per wheel	1	1
g3) Caliper material	Aluminium alloy	Aluminium alloy
g4) Thickness of new disc	30 ± 1 mm	22 ± 1 mm
g5) External diameter of the disc	321 ± 1.5 mm	324 ± 1.5 mm
g9) Ventilated discs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no

SSV CL EDITION

	Front	Rear
e) Number of cylinders per wheel	4	4
g) Disc brakes	2	2
g1) Number of pads per wheel	1	1
g2) Number of calipers per wheel	1	1
g3) Caliper material	Aluminium alloy	Aluminium alloy
g4) Thickness of new disc	30 ± 1 mm	22 ± 1 mm
g5) External diameter of the disc	355 ± 1.5 mm	360 ± 1.5 mm

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3-17-006B

g9) Ventilated discs	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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8. WHEELS

OPTIONS FOR VF COMMODORE SSV, SSV-REDLINE, SSV CL EDITION

801. Wheels

a) Diameter

Front	Rear
19"	19"

b) Width

8.5"	9"
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c) Offset

+48 mm	+57 mm
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801. Wheels

a) Diameter

Front	Rear
20"	20"

b) Width

8.5"	9"
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c) Offset

+48 mm	+57 mm
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ERRATA:

Version 3-17-006B

**Added Tare Weight and RVD CPA Number
Updated Minium Racing Weight**

