GROUP 3E
Series Production Cars
Recognition Document

Recognition N°
3-09-012

Group 3E RECOGNITION DOCUMENT

Homologation valid as from _____

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 **VECTRA JS**

103. Engine capacity **2198** cm³ **Corrected engine capacity** _____ x _____ = _____ cm³

104. Type of car construction a) Type

☐ separate chassis	☒ monocoque

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

106. Number of seats **5**

2. DIMENSIONS, WEIGHT

Minimum Racing Weight **1331** kg

202. Overall length **4495** mm ± 1 %

203. Maximum overall width **1707** mm ± 1 % Where measured _____

204. Width of bodywork
a) At front axle _____ mm ± 1 %
b) At rear axle _____ mm ± 1 %

206. Wheelbase **2640** mm ± 1%

207. Maximum track
a) Front **1473** mm b) Rear **1468** mm

motorsport australia AUTHORISED

Make **Holden** Model **Vectra JS** **SPC Recognition Document** Recognition Nº **3-09-012**

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

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

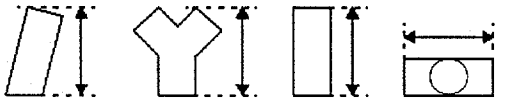
302. Number of mounts ____

Engine in its compartment

304. Supercharging ☐ yes ☒ no

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

305. Number and layout of cylinders **4 INLINE**



☐ ☐ ☒ ☐

312. Cylinder block material **ALUMINIUM**

310. Maximum compression ratio ____ : 1

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

314. Bore **86** +0/- 0.1 mm

316. Stroke **94.6** +0/- 0.1 mm

321. Cylinderhead a) Number **1** b) Material **ALUMINIUM**

324. Fuel feed by injection : a) Make ____ b) Model ____

f) Position of Injectors

f1) ☐ Manifold ☐ Cylinderhead

325. Camshaft a) Number **2** b) Location **DOHC**

c) Drive system **CHAIN** f) Type of valve operation **INDIRECT ROLLER CAM FOLLOWERS**

327. Intake

a) Material of manifold ____

b) Number of manifold elements ____ c) Number of valves per cylinder **2**

328. Exhaust

a) Material of manifold ____

b) Number of manifold elements ____ d) Number of valves per cylinder **2**

p) External Diameter of exhaust pipe between manifold and first silencer ____ mm ± 5

330. Ignition system

a) Type _____ b) Number of plugs per cylinder _____

c) Number of distributors _____ d) Number of coils _____

331 Cooling system Capacity _____ l

332. Cooling fan a) Number _____ b) Diameter of the fan _____ mm

c) Material of the fan _____ d) Number of blades _____

e) Type of drive _____ f) Automatic cut in ☐ yes ☐ no

333. Lubrication system a) Type _____ b) Number of oil pumps _____

c) Total capacity _____ L

e) Location of the cooler(s) _____ f) Type of the cooler(s) _____

4. FUEL CIRCUIT

401. Fuel tank

a) Number **1**

b) Location _____

d) Total capacity _____ L

e) Filler hole locations _____

402. Fuel pump(s) a) ☒ Elelectrical ☐ Mechanical b) Number **1**

d) Location **IN TANK**

5. ELECTRICAL EQUIPMENT

502. Alternator a) Number **1** b) Type _____

c) Drive system _____ d) Nominal power **1704** Watts

503. Retractable headlights a) ☐ yes ☒ no b) Control system **n/a**

6. POWER TRAIN

601. Driven wheels front ☒ yes ☐ no rear ☐ yes ☒ no

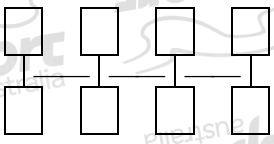
602. Clutch a) Type _____

b) Control system _____

603. Gearbox a) Location _____ b) Make _____

c) Type and location of control _____

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

	Front		Rear	
a) Type of final drive				
b) Ratio				
f) Oil Cooler	☐ yes	☐ no	☐ yes	☐ no
g) Cooler Type				

606. Shafts

a) Type of longitudinal shafts

b) Material of longitudinal shafts

c) Type of transversal half-shafts

d) Material of transversal half-shafts

7. SUSPENSION

701. General

	Front		Rear	
a) Type of suspension				
702. Helical springs	☐ yes	☐ no	☐ yes	☐ no
a) Material				
703. Leaf springs	☐ yes	☐ no	☐ yes	☐ no
704. Torsion bars	☐ yes	☐ no	☐ yes	☐ no
a) Material				

705. Other type of suspension *See description on additional form*

706. Stabiliser

	Front	Rear
b) Effective diameter	mm	mm
c) Material		

707. Suspension Dampers

	Front	Rear
a) Number per wheel		
b) Type		
c) Principle of operation		

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8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	16 "	16 "
b) Width	6 "	6 "

803. Brakes

a) Braking system **HYDRAULIC**

b) Number of master cylinders ____

c) Servo-brakes ☒ yes ☐ no c1) Make and type **VACUUM**

	Front	Rear
e) Number of cylinders per wheel	____	____
f) Drum brakes		
f1) Internal diameter	N/A ± 1.5 mm	N/A ± 1.5 mm
f2) Number of linings per wheel	N/A	N/A
g) Disc brakes		
g1) Number of pads per wheel	____	____
g2) Number of calipers per wheel	____	____
g3) Caliper material	____	____
g4) Thickness of new disc	25 ± 1 mm	10 ± 1 mm
g5) External diameter of the disc	288 ± 1.5 mm	286 ± 1.5 mm
g9) Ventilated discs	☒ yes ☐ no	☐ yes ☒ no

h) Parking brake h1) Control system ____

h2) Location of lever ____ h3) On which wheels ☐ Front ☐ Rear

804. Steering

	Front		Rear	
a) Type	____		____	
b) Servo-assistance	☐ yes	☐ no	☐ yes	☐ no
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**

	Front	Rear
g) Opening system for side windows	**MANUAL**	**MANUAL**

X) Dashboard

Y) Sunroof

N/A

902. Exterior a) Number of doors **4** b) Tailgate ☐ yes ☒ no

	Front	Rear
c) Door material	**STEEL**	**STEEL**

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**

	Front	Rear
k) Side window material	**GLASS**	**GLASS**
l) Material of bumper	____	____

n) Exterior Rear wiper	☐ yes	☒ no

XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material

Drawing / photo required

COMPLEMENTARY INFORMATION