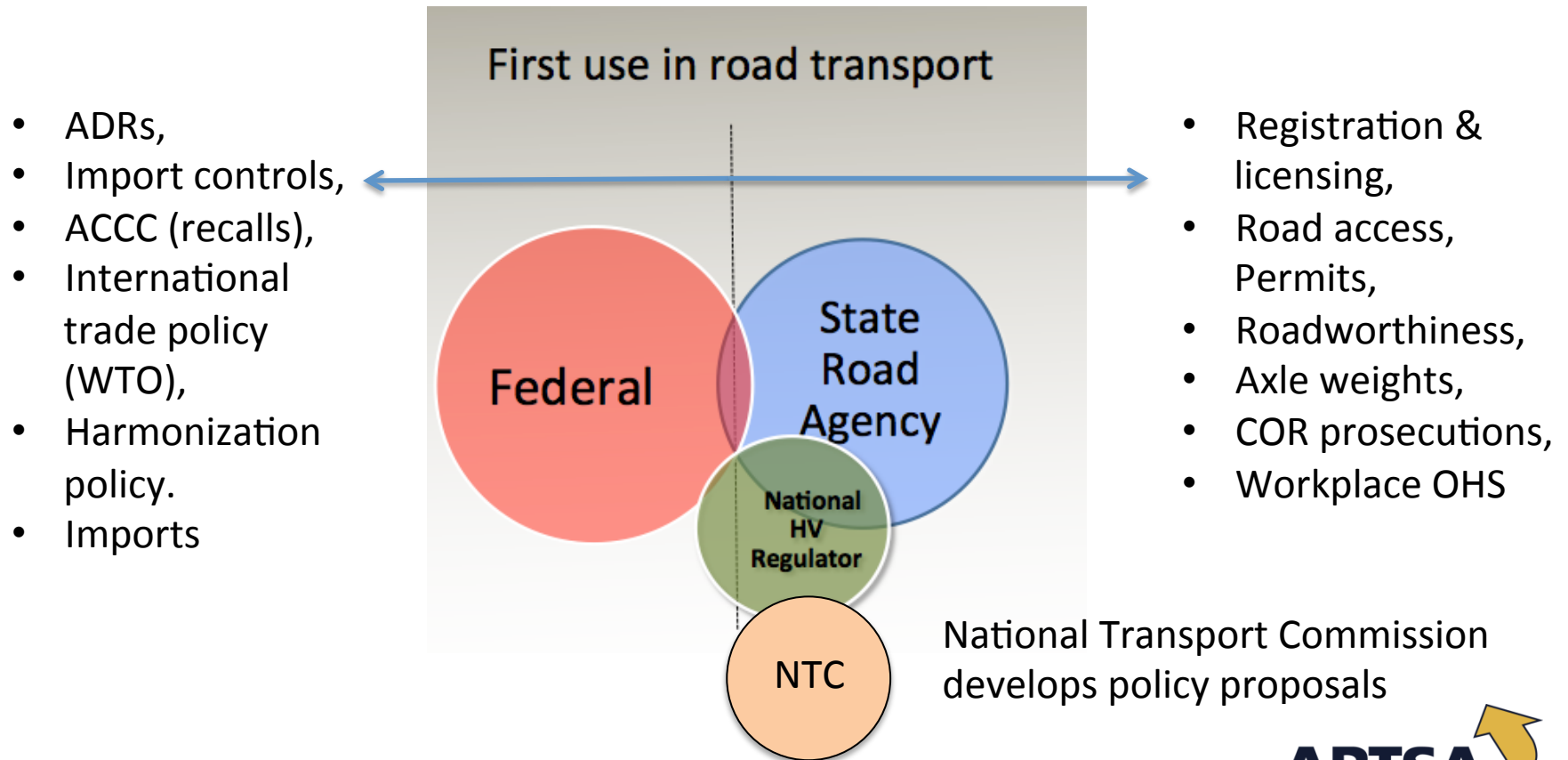


Overview of Certification, Organisations and Databases in Australia

Peter Hart
Chairman ARTSA



Split of Government Responsibilities




Federal Regulator

- The New vehicle domain is regulated by the Federal Department of Infrastructure and Regional Development.
- Section is Vehicle Standards Section (VSS)
~~DOTARS~~
- Leader is the Administrator of Motor Vehicle Standards

Road Vehicle Certification System

- Suppliers of new road vehicles to the market must have an approval in the RVCS.
- All Australian Approvals (Current & Historical) are available in a public RVCS database.

RVCS www.rvcs.infrastructure.gov.au



Road Vehicle Certification System

- [What's New?](#)
- [About RVCS](#)
- [Register Here](#)
- [Participant's Log on](#)
- [Vehicle/RVD search](#)
- [Import Application](#)
- [Administrator's Circulars](#)
- [Test Facility Inspection Manual](#)
- [ADR Applicability tables](#)
- [Form Downloads](#)
- [Australian Design Rules](#)
- [List of Agents](#)
- [Service Standards](#)
- [SEVS Information](#)
- [Register of Specialist and Enthusiast Vehicles](#)
- [Table of NOT ELIGIBLE Vehicle Models for SEVS](#)
- [Vehicle Inspection Forms \(SUTI and 0-4-5\)](#)
- [ADR 83/00 Stationary Noise "Signature" Data](#)

RVCS General Information



RVCS allows vehicle manufacturers to electronically certify that the vehicles that they supply to the Australian market meet prescribed safety standards specified in the Australian Design Rules (ADRs). The system allows lodgement of test data using electronic forms software and is administered by the Vehicle Safety Standards Branch (VSS).

Further information concerning the history and technology behind RVCS is available from this site.

A presentation about RVCS can be viewed right here in your browser

To use RVCS you must be registered with VSS. To register use the Registration page. If you have had your registration approved then you can move directly to the RVCS Log-on page.

Useful information, such as the ADR Applicability Tables, and SE Form downloads are available.

Send us an email: rvcs@infrastructure.gov.au

RVCS www.rvcs.infrastructure.gov.au

Search
on
Isuzu

- **BUS 4x4 Pty Ltd [QLD]**
 - B4X4 QBC Isuzu - FSS 600 4x4 Bus Super Singles - Certification Unit ID: 48018
 - B4X4 QBC Isuzu - FTS800 4x4 Bus Super Singles - Certification Unit ID: 48205
- **Fellville Pty Ltd [QLD]**
 - FELLVILLE ISUZU - FELLVILLE ISUZU FSR700 RAIL - Certification Unit ID: 48435
- **Fraser Fire and Rescue Ltd [Lower Hutt]**
 - FFR Isuzu - FSS550 T24 Pumper - Certification Unit ID: 46512
 - FFR Isuzu - FTS800 T34 Crew Cab Pumper - Certification Unit ID: 43661
- **Isuzu Motors Ltd [Kanagawa-ken]**
 - ISUZU - CH CX - Certification Unit ID: 38613
 - ISUZU - D-MAX - Certification Unit ID: 43971
 - ISUZU - EH EXY - Certification Unit ID: 38615
 - ISUZU - FH FRR500 - Certification Unit ID: 38485
 - ISUZU - FH FRR600 - Certification Unit ID: 38486
 - ISUZU - FH FSR700 - Certification Unit ID: 38492
 - ISUZU - FH FSR700 CNG - Certification Unit ID: 40796
 - ISUZU - FH FSR700 DC - Certification Unit ID: 45926
 - ISUZU - FH FSR850 - Certification Unit ID: 38493
 - ISUZU - FH FSR850 CNG - Certification Unit ID: 40797
 - ISUZU - FH FSR850 DC - Certification Unit ID: 45928
 - ISUZU - FH FSS - Certification Unit ID: 38844
 - ISUZU - FH FTR - Certification Unit ID: 38494



RVCS www.rvcs.infrastructure.gov.au

Issued on 24-Oct-2007

Issued on 14-Aug-2007

Road Vehicle Descriptors (RVDs)

Body Type	Marketing Designation	Document Reference	Replacement Type
	NQR 450 Medium/Long/Crew	<u>RT-N0446</u>	<u>Corrected By-</u> <u>RT-N0446d</u>
	NQR 450 Medium/Long/Crew	<u>RT-N0446a</u>	
	NQR 450 Medium/Long/Crew	<u>RT-N0446d</u>	<u>Corrects-RT-</u> <u>N0446</u>
	NQR 450 Medium/Long/Crew	<u>RT-N0693</u>	<u>Superseded By-</u> <u>NQRRVD2151A</u>
	N-series	<u>NQRRVD2151A</u>	<u>Supersedes-RT-</u> <u>N0693</u>

RVCS www.rvcs.infrastructure.gov.au

Approval No.: 38414 Issue Date: 25 October 2007

Schedule 1

Isuzu Motors Ltd
8 Tsuchidana
Fujisawa
Kanagawa-ken 252-8501
JAPAN

Schedule 2

Make : ISUZU
Model : NH NQR
Category : NB2
Manufactured by : Isuzu Motors Ltd
Typical VIN : JAAN1R75H87100001
Seating Capacity : 3; 7
GVM : 8.7 tonne TO 8.7 tonne



RVCS www.rvcs.infrastructure.gov.au

RVCS

Road Vehicle Descriptor (RVD2)

for category MD4, ME, NB2, and NC vehicles.



Variant Information

	1	2	3	4
Variant Name	NQR75U-HN5V	NQR75U-MN5V	NQR75U-MN5V	NQR75U-MN5V
Axle Code	R12	R12	R12	R12
Tare Mass	3055	3130	3380	3130
Gross Vehicle Mass	8700	8700	8700	8700
Gross Combination Mass	12200	12200	12200	12200
B-Double Capable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Road Train Capable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Second Stage of Manufacture

- A modified vehicle model can get a full approval based upon an existing OEM approval.
- Called a Second Stage of Manufacture IPA (SSM)

The OE Manufacturer's vehicle is used as a SARN.

The new evidence that must be submitted is relevant only to the modification

Mandatory for Motorhomes, ambulances, fire trucks.

- The state registries don't understand SSM. They often request an engineer's certificate for them.



Sub-Assemblies

- A few safety and compliance critical subassemblies can get an ADR approval.
- Called a Sub-Assembly Reference Number SARN:

Trailer foundation brakes

Trailer air brake kits

Trailer suspensions

Bus base chassis

- The trailer brake SARNs are shown on the trailer ID plate.

Parts

- A few safety and compliance critical parts can get an ADR approval.
- Called a Component Registration Number CRN:

Mechanical couplings

Lamp assemblies

Bus passenger seats

Front Underrun Protection Devices

- This facility is not intended for replacement parts certification. RVCS Assumes that OEM manufacturers are competent.



ARTSA Manufacturer's Guide

ARTSA has picked out all the information in the RVCS Approvals Database and produced a guide for:

- Heavy Truck
- Medium Truck
- Trailer

RVCS Statistics

Unless stated otherwise all the following statistics are for:

Heavy Vehicles

Ratings > 12 t.

Truck category NC

Trailer category TD

Truck Suppliers

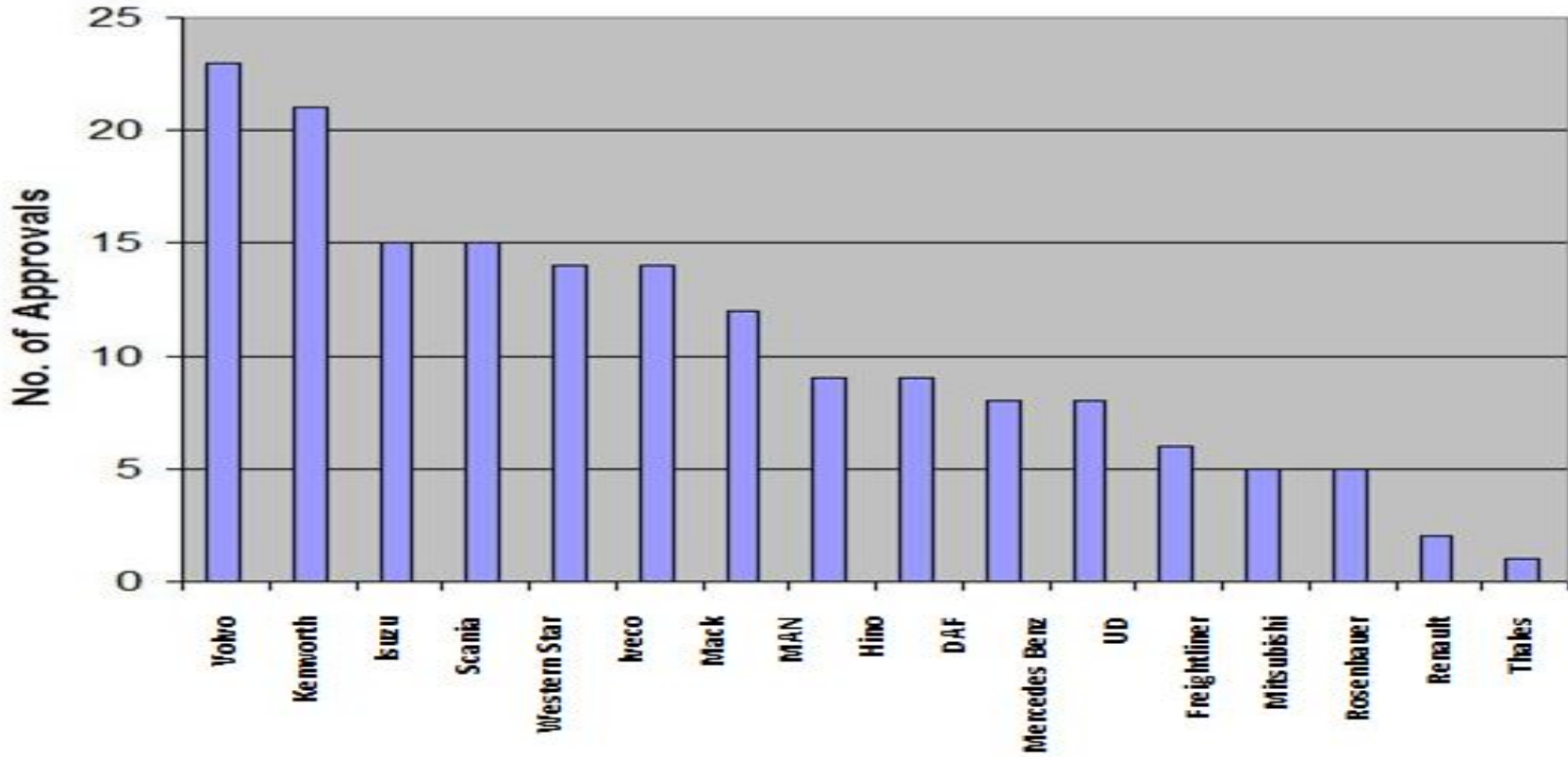
No. of OEM Truck Suppliers = 16

No. of OEM Truck Models = 182

No. of Second Stage Truck Suppliers = 58

No. of Second Stage Truck Models = 284

OEM Truck Manufacturers



Trailer Suppliers

No. of OEM Trailer Suppliers = 466

No. of OEM Trailer Models = 2450

No. of Second Stage Trailer Suppliers = 26

No. of Second Stage Trailer Models = 45

ARTSA Manufacturer's Guide

Company Name	Person Responsible	Nu	Company Address	Status
31 Daysworth International Pty Ltd	Mr Ivan Vodanovich	1	417 Somerville Road FOOTSCRAY WEST VIC 3012	Second Stage Vehicle Supplier
32 Dyno Nobel Asia Pacific Pty Ltd	Mr Nathan Krause	1	PO Box 3559 TINGALPA QLD 4173	Second Stage Vehicle Supplier
33 Equipcon Pty Ltd	Mr Carlo Guardiani	1	PO Box 570 South Morang VIC 3752	Second Stage Vehicle Supplier
34 Fonterra Ingredients Australia Pty Ltd	Mr Shamus O'Hearn	1	327 Ferntree Gully Road MY WAVERLY VIC 3149	Second Stage Vehicle Supplier
35 Force One (Aust) Pty Ltd	Ms Stella Kindos	1	40 Heritage Gardens SYDENHAM VIC 3037	Second Stage Vehicle Supplier
36 Fraser Fire and Rescue Ltd	Mr Robert Walker	3	PO Box 39-002 Wellington Mail Centre Wellington 5045 NEW ZEALAND	Second Stage Vehicle Supplier
37 Giraffe Equipment Australia Pty Ltd	Mr Darryl Smith	1	PO Box 3107 BASSENDEAN DC WA 6942	Second Stage Vehicle Supplier
38 GMJ Equipment Pty Ltd	Mr Joe Cetraro	2	PO Box 4116 BC Dandenong South VIC 3164	Second Stage Vehicle Supplier
39 Hi Reach Rentals Australia Pty Ltd	Mr Colin Fox	1	PO Box 3310 TINGALPA DC QLD 4173	Second Stage Vehicle Supplier
40 J Hvidtved Larsen Australia Pty Ltd	Mr Preben Olsen	3	PO Box Q337 QVB Post Office Sydney NSW 1230	Second Stage Vehicle Supplier
41 Jacana Manufacturing Group Pty Ltd	Mr Barry Drury	1	118 Manning River Drive TAREE SOUTH NSW 2430	Second Stage Vehicle Supplier
42 John Bell Management Pty Ltd	Mr Johann Bell	1	PO Box 142 ARCHERFIELD QLD 4108	Second Stage Vehicle Supplier
43 KOR Equipment Solutions Pty Ltd	Mr Andrew Jackson	11	PO Box 55 MULGRAVE VIC 3170	Second Stage Vehicle Supplier
44 Kuipers Engineering Pty Ltd	Mr Michael Kuipers	2	PO Box 795 WINDSOR NSW 2756	Second Stage Vehicle Supplier
45 Kursan Pty Ltd	Mr Kurt Gysi	1	2132 Rosebud Plaza ROSEBUD VIC 3939	Second Stage Vehicle Supplier
46 Lincon Recruitments Pty Ltd	Mr Craig Lindores	5	PO Box 577 KENMORE QLD 4069	Second Stage Vehicle Supplier
47 Manco Engineering Australia Pty Ltd	Mr Wayne Andrew Shackleton	2	PO Box 6546 WETHERILL PARK NSW 2164	Second Stage Vehicle Supplier
48 MJ Rentals Pty Ltd	Mr John Newton	4	PO Box 491 BULLEEN VIC 3105	Second Stage Vehicle Supplier
49 Motorguard Pty Ltd	Mr John Weatherall	1	19 Marsala Street CARSELDINE QLD 4034	Second Stage Vehicle Supplier
50 National Enviromental Equipment Pty Ltd	Mr Timothy Rolfe	2	PO Box 575 Fyswick ACT 2609	Second Stage Vehicle Supplier
51 Offroad Trucks Australia Pty Ltd	Mr Laurence Randolph Gill	6	PO Box 342 FORRESTFIELD WA 6058	Second Stage Vehicle Supplier
52 PDC Drilling Pty Ltd	Mr Peter Chegwiddden	1	PO Box 727 FREMANTLE WA 6959	Second Stage Vehicle Supplier
53 R.A Bell & Company Pty Ltd	Mr Robert Bell	2	88-90 Berkshire Road SUNSHINE NORTH VIC 3020	Second Stage Vehicle Supplier
54 Rikshaw Pty Ltd	Mr Yvonne Muller	1	PO Box 2552 BURLEIGH MDC QLD 4220	Second Stage Vehicle Supplier

ARTSA Manufacturer's Guide

Company	Person Responsible	Num	Company Address	State	Post	Website
210 Hoylake Nominees Pty Ltd	Mr Santo Guagliardo	3	5 Central Avenue HAZELMERE WA 6055	WA	6055	None
211 Hy-Line Australia Pty Ltd	Mr Shane Bullock	1	PO Box 456 EAST MAITLAND NSW 2323	NSW	2323	http://esvc000306.wic040
212 Hyundai Glovis Australia Pty Ltd	Mr Ilhwan Kim	1	Cnr 394 Lane Cove Road & Hyundai Drive MACQUARIE P	NSW	2113	http://www.glovis.net/eng
213 Ian Charles Bozanich	Mr Ian Bozanich	1	20 Sweny Drive Australind Lia WA 6230	WA	6230	None
214 IC VACLIFT PTY LTD	Mr Jon Pamment	1	39 Tullamarine Park Road Tullamarine VIC 3040	VIC	3040	http://www.vaclift.com.au
215 Inair Transport Services Pty Ltd	Mr John Riani	3	PO Box 360 BALLAN VIC 3342	VIC	3342	http://www.inair.com.au/
216 Inghams Enterprises Pty Ltd	Mr Brett Richter	1	PO Box 1100 Browns Plains QLD 4118	QLD	4118	http://www.inghams.com.
217 Intercontinental Spares Pty Ltd	Mr Jack Nind	1	PO Box 6843 SHEPPARTON VIC 3630	VIC	3630	http://www.icstrailers.net
218 IOR Energy Pty Ltd	Mr Ross Mackenzie	5	PO Box 14 BULIMBA QLD 4171	QLD	4171	http://ior.com.au/
219 J & M Pace Pty Ltd	Mr John Pace	8	PO Box 76 RIVERSTONE NSW 2765	NSW	2765	None
220 J & P Group Pty Ltd	Mr Peter Tolmachoff	1	PO Box 9010 PICTON WA 6229	WA	6229	http://www.jpgroup.com.a
221 J & S Freightliners Pty Ltd	Mr James Wolstenholme	1	PO Box 443 NARROMINE NSW 2821	NSW	2821	None
222 J G Schulz Pty Ltd	Mr Gregory Schulz	1	199-201 Cormack Road Wingfield SA 5013	SA	5013	http://schulz.com.au/
223 Jason Royer	Mr Jason Royer	1	190 Ashmere Drive BULLSBROOK WA 6084	WA	6084	None
224 Jason Russell Price	Mr Jason Price	2	651 Jandowae Road DALBY QLD 4405	QLD	4405	None
225 Jay Investments (WA) Pty Ltd	Mr Praful Shah	1	500 Great Eastern Highway REDCLIFFE WA 6104	WA	6104	None
226 JB Contractors (WA) Pty Ltd	Mr John Gerty	1	PO Box 207 BELMONT WA 6104	WA	6104	None
227 JDM Aust Pty Ltd	Mr Jim Kenny	1	PO Box 208 OMEAU QLD 4208	QLD	4208	http://www.jdmaust.net.a
228 Joe Crossley Engineering Pty Ltd	Mr Joe Crossley	4	224 Maddington Rd Maddington WA 6109	WA	6109	http://www.crossleyengin
229 John Hurmez	Mr John Hurmez	1	266 McIntyre Road SUNSHINE NORTH VIC 3020	VIC	3020	None
230 John Leeds Nominees Pty Ltd	Mr John Leeds	2	PO Box 111 HERNE HILL WA 6056	WA	6056	None
231 John Shephard Trailers Pty Ltd	Mr Graham Weatherhog	10	PO Box 205 Archerfield QLD 4108	QLD	4108	http://wp.shephardtransp
232 Johnston Truck Bodies Pty Ltd	Mr Les Johnston	1	P.O. Box 1401 Queanbeyan NSW 2620	NSW	2620	None
233 Jonsson's Trailers Pty Ltd	Mr Graham Jonsson	3	PO Box 973 Port Headland WA 6721	WA	6721	None
234 Joshua Farrow	Mr Joshua Farrow	1	PO Box 1372 NARACORTE SA 5271	SA	5271	None

Vehicle Imports

- Routine for entities that hold an IPA approval
- All others need to justify the import request.
- Road vehicles need a specific approval document that lists the VIN.
- Machines also need an import license.
- The Imports Group within DIRD (Dept. Infrastructure) administers the import approvals system.
- The Imports Group transmits the VINs (and Chassis Numbers) of all vehicle imports to the NEVDIS Group

National HV Regulator

Goals:

- Provide a 'one-stop-shop' for *the road freight and logistics industry* business transactions with government.
- Resolve conflicts and inconsistencies between state / territory rules.
- Establish mutual recognition status.

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National HV Regulator

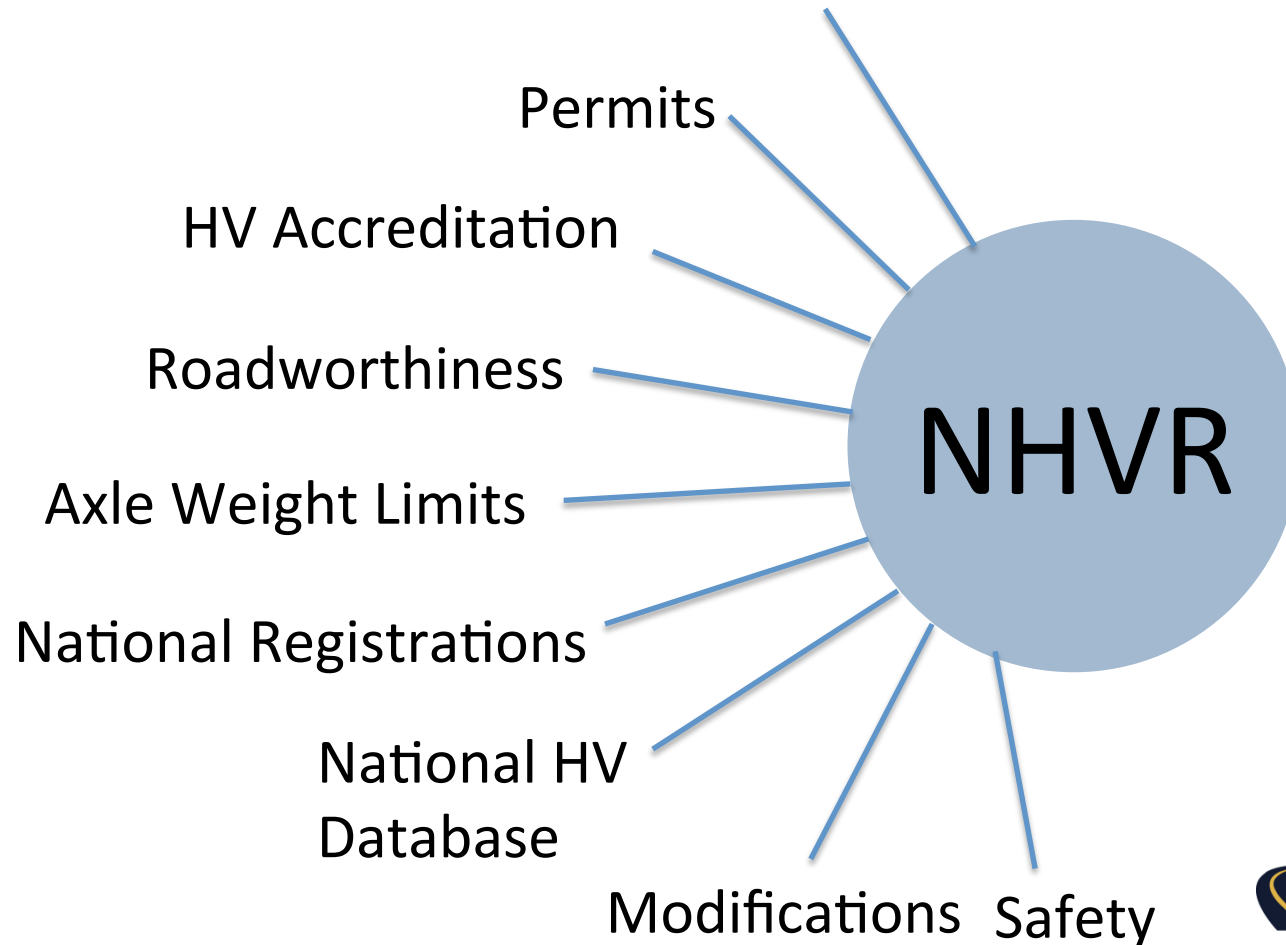
Goals:

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- Establish mutual recognition status.
- Central reference points for HV rule information.
- Manage accreditation schemes, PF², fatigue panels, ...



Regulatory Framework

States have referred powers to the NHVR



NHVR National HV Databases



2016 Strategic Plan:

- “Build and maintain a national database for vehicles, operators, movements, routes, operating conditions that links to national registration, certification, assurance and compliance systems.
- Develop, maintain and share a single national heavy vehicle safety data resource”.

NEVDIS Database

- National Exchange of Vehicle and Driver Information Service.
- Run by AustRoads (owned by state and territory road agencies)
- Vehicles can not normally be registered until the VIN is in NEVDIS

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NEVDIS Database Contains

- VIN or Chassis Number
- Status **Never registered, Registered, Retired**
- Jurisdiction
- Make code
- Make description
- Model code
- Model description
- Body type code
- Body type description
- Vehicle type

NEVDIS Database Contains

- Registration Code
- Tare Weight
- GCM as Registered and Manufactured
- GVM
- Front and rear axle group ratings
- Engine capacity
- Colour
- Number of driven wheels

NEVDIS Database Contains

- Number of engine cylinders
- Postcode of the registered owner
-

	V	N	Q	S	W	T	A	X	Total
status_code	100	100	100	100	100	100	100	100	100
jurisdiction_code	100	100	100	100	100	100	100	100	100
make_code	99.9121887	99.9584278	100	99.976106	83.6988441	99.9509383	0.36077402	1.02736528	96.0082344
make_description	0.88586083	99.7753645	99.9954805	99.9526102	99.9859847	99.1843493	99.9344047	99.8599047	79.9668628
model_code	12.6004019	99.7505671	99.9989957	53.6739026	47.9724499	98.957439	0.13119055	0.72849538	60.6936753
model_description	87.222426	99.9190437	95.1897679	53.7065577	80.9892149	96.3878327	99.5080354	99.6264126	81.287148
year_of_manufacture	99.9974173	99.8949756	99.8875152	100	100	100	100	100	99.9611803
type_code	99.7381158	98.4056713	99.9844329	98.7391929	100	90.3287134	99.9672024	71.1964136	98.9018091
body_type_code	96.1564487	72.6943863	99.960329	96.6882907	99.9979978	90.0650067	99.9672024	99.9066032	94.2853902
body_type_description	0.52583459	99.7410857	99.9799134	0.03464631	0.02402627	98.8041212	99.7048213	0.53236201	37.0715396
compliance_plate_month	92.9601182	99.8453807	83.785616	99.9852654	44.3765183	1.71715933	0.36077402	99.5236761	84.5318691
tare_kg	98.0464573	99.9919773	99.9974892	99.9912389	99.9946608	35.1281737	100	10.6845989	97.5054457
engine_capacity_litres	6.41693828	65.6956772	0.00050216	0.01513287	0.0180197	0.39249356	86.2577894	97.6370599	12.042737
number_driven_wheels	0.15651069	54.6447769	0.00050216	0.00876114	0.08142236	0.24530848	0.03279764	0.09339684	7.84958781
number_of_cylinders	67.69733	64.3296307	69.1952314	45.098742	61.8035719	74.8742794	86.3561824	98.3095171	61.2243496
nominated_configuration_code	14.3762558	0.0364668	0.00050216	4.28220414	0.00333698	98.3564332	99.4424401	0.02801905	6.00653794
gross_combination_mass_manuf	38.2908826	41.8478459	0.00200866	29.8093657	35.6176086	0.53967865	0.22958347	95.5449706	28.1061723
gross_combination_mass_reg	41.8358756	0.1597246	71.357551	29.9658714	14.5599188	43.7017049	41.4890128	0.34556832	34.2199067
front_axle_group_configuration	37.8337474	0.15024323	60.0829575	34.3026335	0.01067834	0.75432356	93.1452935	0.41094611	29.3758775
front_axle_group_spacing	0.99381705	0.00437602	3.57440569	1.27952403	0	0.01839814	3.50934733	0.04669842	1.28802221
rear_axle_group_configuration	49.1350589	0.16191261	87.9766795	36.9401336	0.03003284	0.93217221	93.1452935	0.54170169	38.1323678
rear_axle_group_spacing	29.7700894	0.09262568	52.1357049	18.5819704	0.02269148	0.56420949	35.2902591	0.37358737	21.8020863
extreme_axle_spacing	51.6557591	0.16337128	87.9766795	46.6705694	0.02936544	0.95670305	92.9485077	0.60707948	41.1838231
vehicle_charge_code	100	99.0766605	85.243399	47.0831392	93.3513975	96.8907151	99.7048213	91.4261698	81.7946137
gvm	84.9605108	99.9329011	75.7856361	99.958982	58.7635815	99.63817	99.9672024	96.2547866	85.4526135

Registration Codes

National Heavy Vehicle Registration Codes

There are 15 vehicle codes and some 97 sub categories across heavy vehicles. They are summarised in the table below and there is further information on each of the sub categories below the table.

Summary of national registration codes

Description	Charge code	Sub category (generally based on axles)
Prime Mover for single-trailer application	SP	2,3,4,5
Prime Mover for Road Train only applications	LP	2,3,4,5
Prime Mover for Road Train or B-Double or B-Triple applications	MC	2,3,4,5
Rigid Truck (GVM \geq 4.5t)	2R	2,3,4,5
Rigid Truck (GVM \geq 4.5t) tows one or more trailers	2L	2,3,4,5
Special Purpose Machine (GVM \geq 4.5 t) & is not a truck.	SV	2,3,4,5,6,7,8,9
Special Purpose Truck	TSV	1,2,3,4,5,6,7,8
Passenger Bus (GVM \geq 4.5)	2B	2,3,4,5

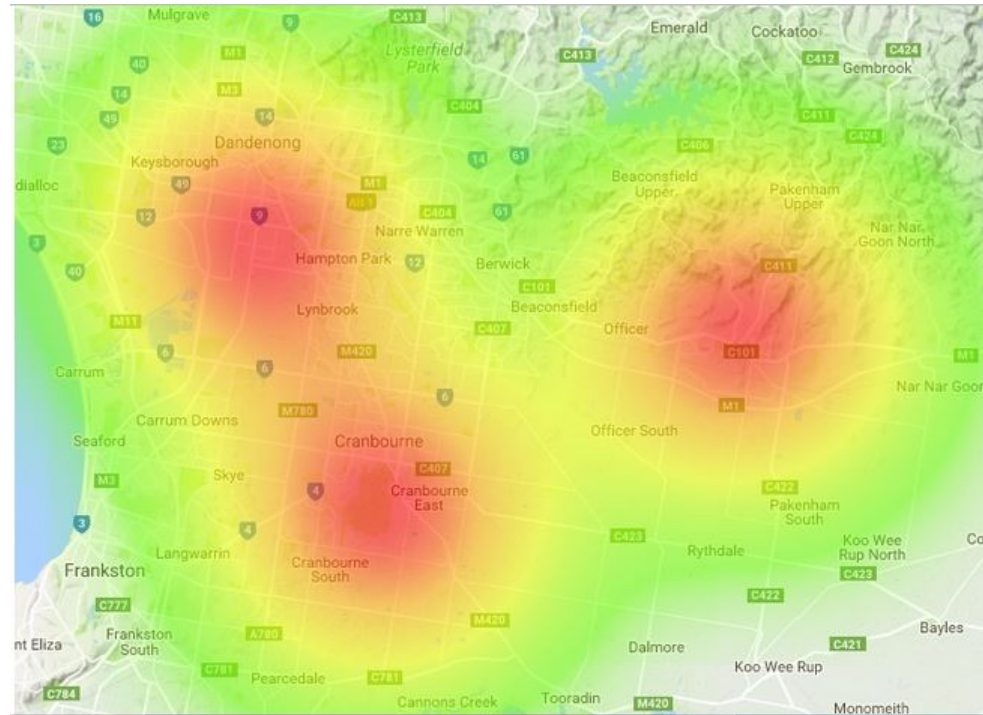
Body Codes

Body Type Code

NEVDIS	ARTSA	
B	B	BUS \geq 4.5t
FCV	FCV	MINIBUS < 4.5t (Forward Control Vehicle)
SED	SED	CAR / SEDAN
REC	REC	RECREATIONAL VEHICLE
WAG	WAG	CAR / STATION WAGON
AGR	AGR	TRAILED AGRICULTURAL EQUIPMENT
BOA	BOA	BOAT TRAILER
BOX	BOX	BOX TRAILER
CVN	CVN	CARAVAN OR CAMPER TRAILER
DOG	DOG	DOG TRAILER
DOL	DOL	DOLLY TRAILER
HOR	HOR	HORSE TRAILER
MAC	MAC	TRAILER MACHINERY
OTH	OTH	OTHER TRAILERS
PIG	PIG	PIG TRAILER
POL	POL	POLE-TYPE TRAILER
SEM	SEM	SEMI-TRAILER
VAN	VAN	SOLID WALLED VAN TRAILER
TANK	TANK	TRAILER MOUNTED TANKER
CUR	CUR	CURTAIN SIDED VAN TRAILER
SKEL	SKEL	SKELETON TRAILER FOR CONTAINERS
JINK	JINK	BOLSTER TRAILER FOR LOGS
STOCK	STOCK	STOCK CRATE
LLD	LLD	LOW LOADER TRAILER
EVT	EVT	EXTENDABLE TRAILER

ARTSA Data by Postcode

Heatmap



ARTSA Data by Postcode

	Selected Post Codes			
	Totals	2536	2537	2538
Type				
Heavy Prime Mover All	998	21	28	2
Heavy Dog Trailer All	370	21	18	3
Heavy Non Dog Trailer All	1869	41	45	6
Heavy Rigid Truck All	3114	104	95	23
Heavy Bus All	839	28	38	0
Heavy Special All	321	5	8	4
Medium All	4738	193	181	34

Primary Inputs to NEVDIS

OEM Vehicle Manufacturers who produce their own Identification Plates

(TIC Database)

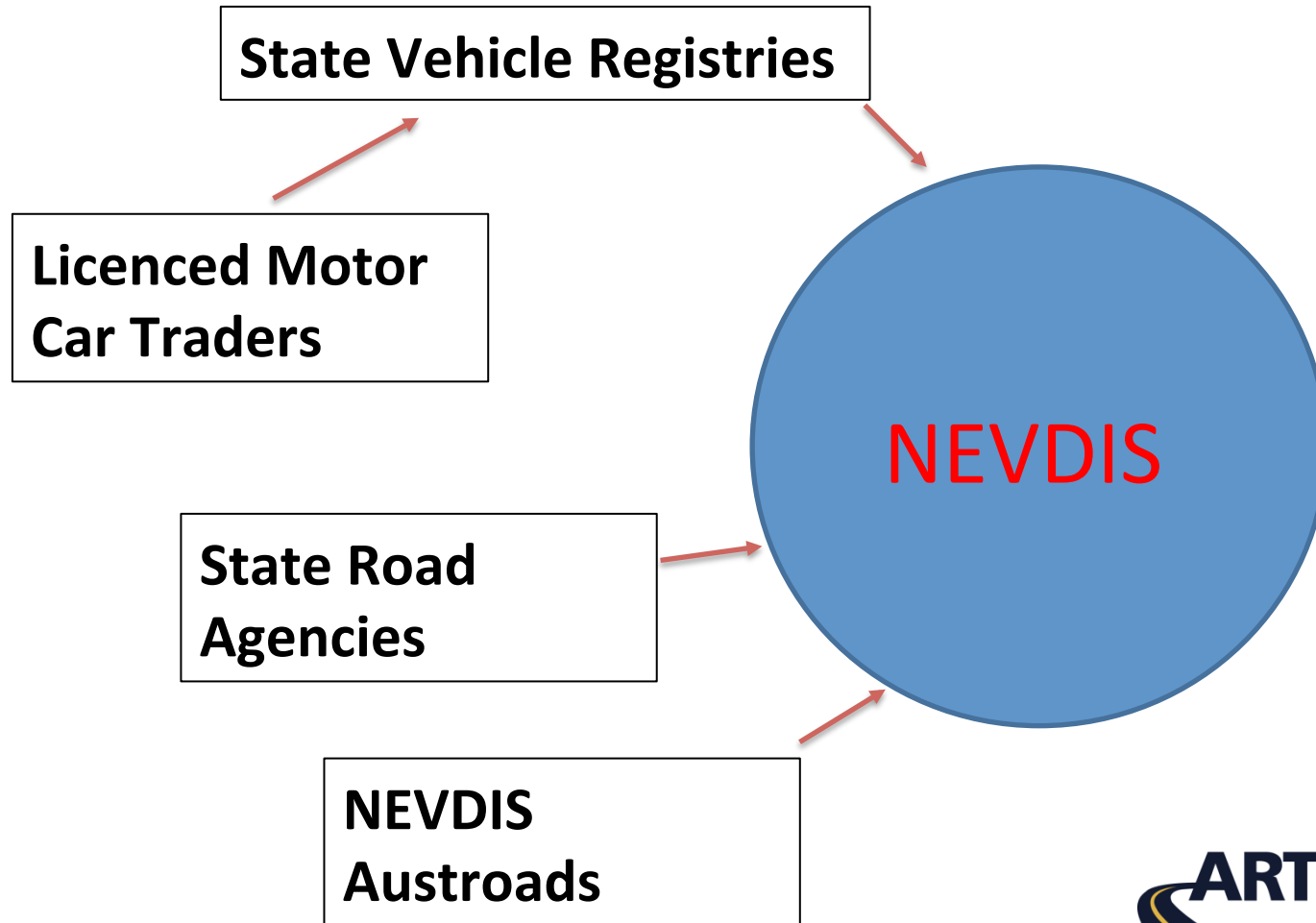
Imports Group within DIRD

State Road Agencies

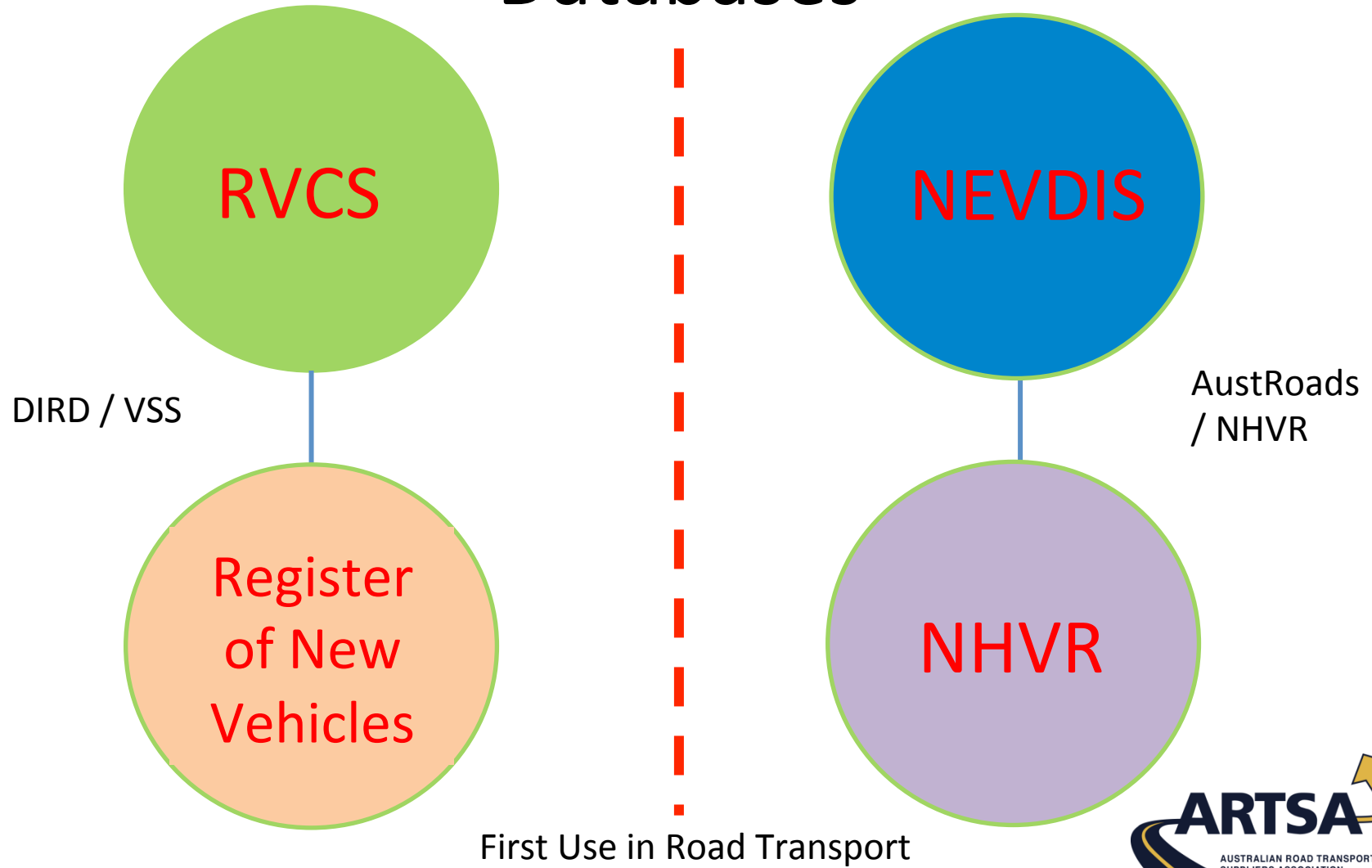
NEVDIS Austroads

NEVDIS

Secondary Inputs to NEVDIS



Connection Between Vehicle Databases

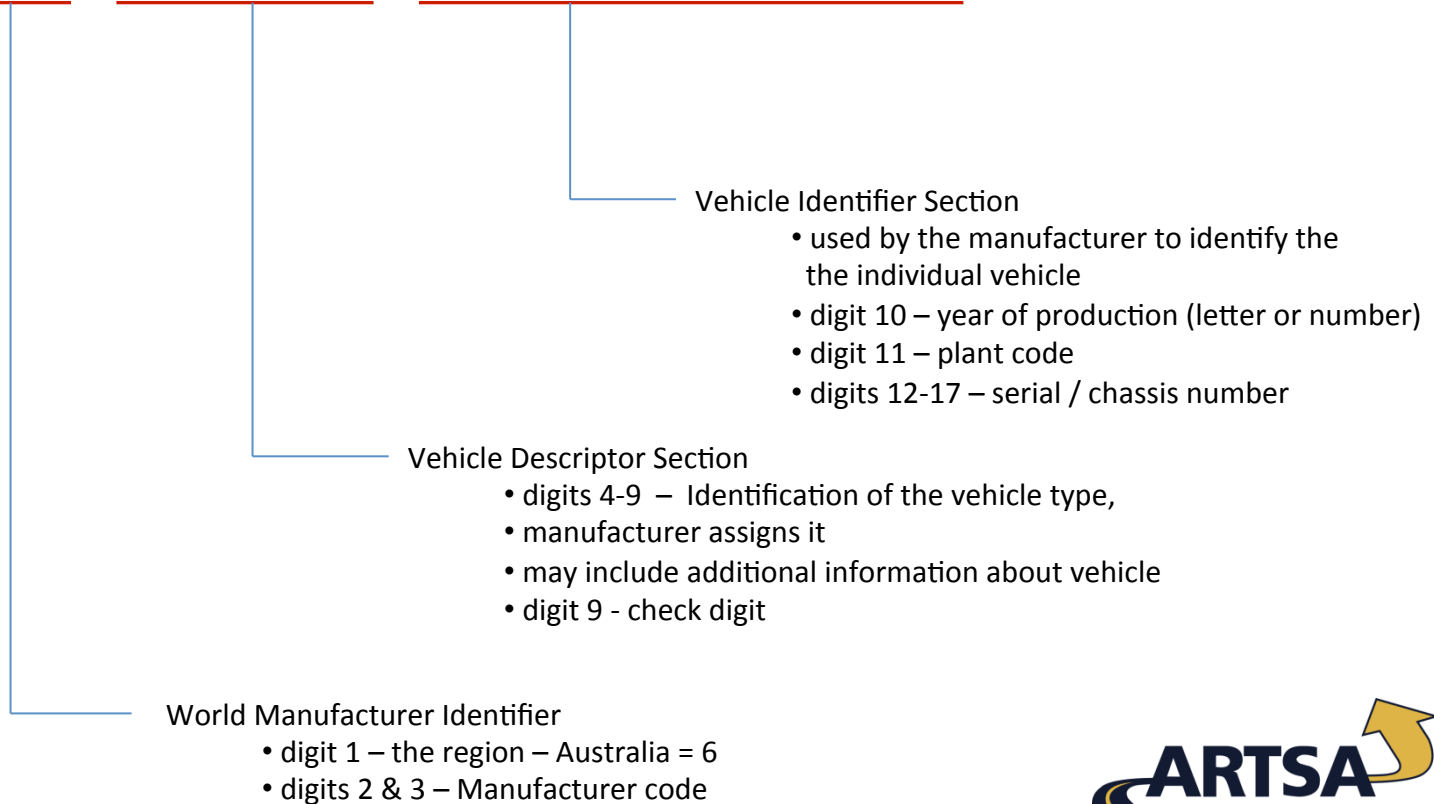


Explanation of the Vehicle Identification Number (VIN)

- ADR61/02 stipulates VIN as per ISO 3779, 3780 & 4030 OR SAE J853

- Unique 17 digit number ~~0 Q I~~

Format: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



Explanation of the Vehicle Identification Number (VIN)

World Manufacturer's Index (WMI) – First three digits

Assigned to an individual “full” volume” manufacturer by a national accreditation body
(In Australia this is Standards Australia)

The first digit should identify the country of manufacture according to the following scheme:



Explanation of the Vehicle Identification Number (VIN)

World Manufacturer's Index (WMI) – First three digits

A-H = Africa	J-R = Asia	S-Z = Europe	1-5 = North America	6-7 = Oceania	8-9 = South America
AA-AH South Africa	JA-JO Japan	SA-SM United Kingdom	1A-10 United States	6A-6W Australia	8A-8E Argentina
AJ-AN Ivory Coast	KA-KE Sri Lanka	SN-ST East Germany	2A-20 Canada	6X-60 not assigned	8F-8K Chile
AP-A0 not assigned	KF-KK Israel	SU-SZ Poland	3A-37 Mexico	7A-7E New Zealand	8L-8R Ecuador
BA-BE Angola	KL-KR Korea (South)	S1-S4 Latvia	38-39 Cayman Islands	7F-70 not assigned	8S-8W Peru
BF-BK Kenya	KS-K0 Kazakhstan	S5-S0 not assigned	4A-40 United States		8X-82 Venezuela
BL-BR Tanzania	LA-LO China	TA-TH Switzerland	5A-50 United States		83-80 not assigned
BS-B0 not assigned	MA-ME India	TJ-TP Czech Republic			9A-9E Brazil
CA-CE Benin	MF-MK Indonesia	TR-TV Hungary			9F-9K Colombia
CF-CK Madagascar	ML-MR Thailand	TW-T1 Portugal	WA-W0 West Germany		9L-9R Paraguay
CL-CR Tunisia	MS-M0 not assigned	T2-T0 not assigned	XA-XE Bulgaria		9S-9W Uruguay
CS-C0 not assigned	NA-NE Iran	UA-UG not assigned	XF-XK Greece		9X-92 Trinidad & Tobago
DA-DE Egypt	NF-NK Pakistan	UH-UM Denmark	XL-XR Netherlands		93-99 Brazil
DF-DK Morocco	NL-NR Turkey	UN-UT Ireland	XS-XW USSR		90 not assigned
DL-DR Zambia	NS-N0 not assigned	UU-UZ Romania	XX-X2 Luxembourg		
DS-D0 not assigned	PA-PE Philippines	U1-U4 not assigned	X3-X0 Russia		
EA-EE Ethiopia	PF-PK Singapore	U5-U7 Slovakia	YA-YE Belgium		
EF-EK Mozambique	PL-PR Malaysia	U8-U0 not assigned	YF-YK Finland		
EL-E0 not assigned	PS-P0 not assigned	VA-VE Austria	YL-YR Malta		
FA-FE Ghana	RA-RE United Arab Emirates	VF-VR France	YS-YW Sweden		
FF-FK Nigeria	RF-RK Taiwan	VS-VW Spain	YX-Y2 Norway		
FL-F0 not assigned	RL-RR Vietnam	VX-V2 Serbia	Y3-Y5 Belarus		
GA-G0 not assigned	RS-R0 Saudi Arabia	V3-V5 Croatia	Y6-Y0 Ukraine		
HA-H0 not assigned		V6-V0 Estonia	ZA-ZR Italy		
			ZS-ZW not assigned		
			ZX-Z2 Slovenia		
			Z3-Z5 Lithuania		
			Z6-Z0 not assigned		



Explanation of the Vehicle Identification Number (VIN)

World Manufacturer's Index (WMI) – First three characters

Assigned to an individual “full” volume” manufacturer by a national accreditation body (In Australia this is Standards Australia)

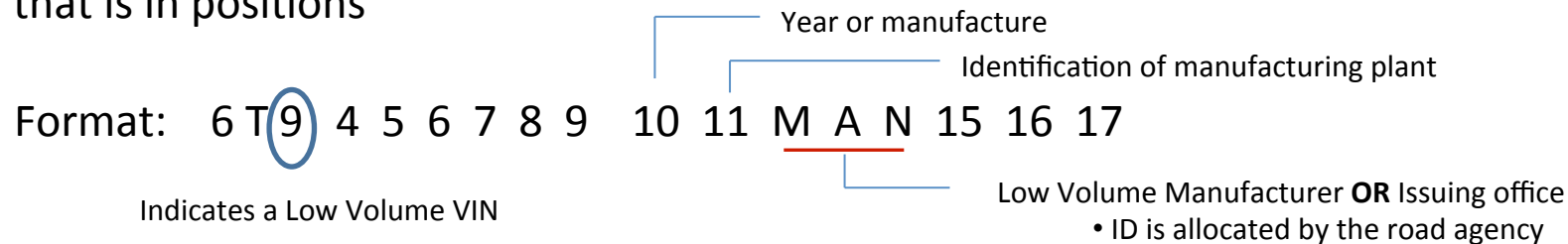
For a “low volume” manufacturer the first three characters describe the government agency or authority that oversees VIN allocation.

6T9 - issued / Initiated by a Road Agency (VicRoads, TMR,...)

6K9 - NEVDIS

6U9 - From the Imports Group (Infrastructure, Canberra)

For a VIN with a “9” in the third position, the authority allocates a manufacture’s code that is in positions



Thanks for Listening !

