

# TRANSFAE WA

## 2014

PRESENTED BY GREG PRESTON  
ON BEHALF OF  
AUSTRALIAN HEAVY VEHICLE  
REPAIRERS ASSOCIATION



# WHO WE ARE ?

www.ahvra.com.au



# AHVRA

*Ensuring Quality, Service and Safety*

## AUSTRALIAN HEAVY VEHICLE REPAIRERS ASSOCIATION



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A brand that is instantly recognisable to the insurance industry, policy holders and vehicle manufacturers as a repair group that is focused on industry best practices and repair methods.

The AHVRA continues to seek improvements in delivery service and to continually lift the standard of truck repairs through

### Welcome to the AHVRA

**The Australian Heavy Vehicle Repair Association is unique to the heavy vehicle repair industry.** The AHVRA works as a representative body in conjunction with the, The Australian Motor Industry Federation member businesses, State automotive industry associations and other relevant groups.

## Recent Articles

# **The Australian Heavy Vehicle Repairers Association**

The Heavy Vehicle Collision Repair Specialists

## **CASE STUDIES INTO THE HEAVY VEHICLE REPAIR SECTOR**

## **WRECKED & WRITTEN OFF HEAVY VEHICLES**



# National Road Safety Strategy 2011–2020

Aims to set out a path for national action on reducing fatal and serious injury crashes on Australian roads.


On average, **four people are killed and 90 are seriously injured** every day on Australian roads.

## Bureau of Infrastructure, Transport & Regional Economics

Reported heavy vehicle crashes, from July 2012 - June 2013 showed:

- **231 people died** from 192 fatal crashes involving heavy vehicles.
- Heavy vehicle theft has **increased by 26%** in the same period.
- Estimated value of stolen heavy vehicles was close to **\$50 million**.

This means there must be a focus on roads, speeds, vehicles, road user behaviour as well as performance monitoring and reporting.

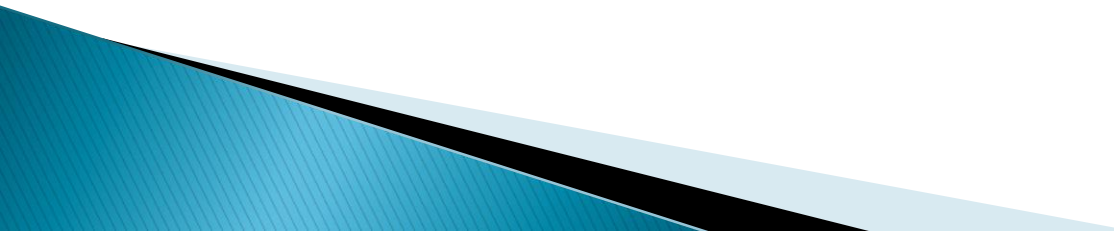


# PREVENTION

In most findings there are strong preventative measures introduced to reduce the incidents of road accidents and fatalities.

Some are very effective but some do not go far enough!

AHVRA members deal with the consequences of those measures that **do not go far enough!**





**Write Off ?**  
**No Requirement to be  
recorded onto any  
Written Off Vehicle Register!**

**Western Australia**

Driver dies after truck crash on Great  
Eastern Highway

Date June 18, 2014

**A TRUCKIE has died and several others  
are injured in a horror crash involving  
two trucks on Great Eastern Highway,  
about 50km east of Perth.**





**Stolen !**  
**No Requirement to be  
recorded onto any  
Written Off Vehicle Register!**

## **Raids recover trailers worth millions**

*Tayissa Barone/ The West Australian and  
Grant Wynne 7 News June 12, 2014,*

Police have charged two men over an alleged Wheatbelt truck trailer stealing racket potentially worth **several million dollars**. They allegedly found about two dozen stolen trailers with a market value of between \$70,000 and \$80,000 each, and several other items.





# Write Off ?

## No Requirement to be recorded onto any Written Off Vehicle Register!

### South Australia

Motel spared in truck smash-up

By [Tasha Impey](#)

A truck crashed into the side of a hotel in Mount Gambier (George Rodis, MFS - supplied)

MYSTERY surrounds the circumstances of a fatal truck crash at Bordertown, in which a B-double semi-trailer ploughed into the bedroom of a sleeping couple







# **Write Off ?**

## **No Requirement to be recorded onto any Written Off Vehicle Register!**

### **Victoria**

**TWO truck drivers have died and a third is fighting for life in hospital after a fiery smash at an accident black spot on one of Victoria's worst roads.**

A B-double truck from Melbourne and a semi-trailer from Adelaide crashed head-on on the Western Highway at Black Range, near Stawell, killing both drivers.

A third vehicle, a car carrier from Queensland, ploughed into the back of the trucks. Its driver suffered life-threatening injuries.





**Write Off ?**  
**No Requirement to be**  
**recorded onto any**  
**Written Off Vehicle Register!**

**QLD**

**Driver's miracle escape after truck**  
**rolls, losing gravel**

31st Jul 2014 6:00 AM

A loaded gravel truck disrupts traffic on the Mary Valley Hwy after rolling and flipping on to its side and sliding about **40m down the road**, blocking traffic in both directions yesterday morning.





# **Write Off ?**

## **No Requirement to be recorded onto any Written Off Vehicle Register!**

### **Six Fatal Truck Crashes On NSW Roads So Far In May** 16 May 2014 12:02

TWU NSW State Secretary Wayne Forno has labelled May a horror month for truck crashes, with six fatal crashes across the State in just over two weeks,



### **Overtaken truck on Pacific Highway near Kempsey in fatal crash**

Posted Fri 8 Aug 2014, ABC News: Lucy Carter

Mother and daughter killed in truck crash on Pacific Highway on NSW mid-north coast

# **AHVRA Case Studies into the Dangers of Written Off and “Cash Settled” Wrecked heavy Vehicles**

- **Unsafely repaired heavy vehicles by “dodgy back yarders” looking to make a quid or “owners” trying to save a dollar, by only repairing visible damage, could develop catastrophic failures leading to loss of life, property destruction and chaos on our roads.....**
- **AHVRA has evidence where these vehicles have not been repaired to any safety standard because there is no record of these vehicles being written off or wrecked and no requirement for backyarders or owners to repair them to any repair safety standard!**
- **AHVRA has been campaigning for Heavy Vehicle reform since 2010, our number 1 priority has been trying to improve the management of written off and wrecked “unrepaired” heavy vehicles.**

# The Dangers of Re-Registered Written Off Heavy Vehicles



**Vehicle was deemed a total loss by insurance company.**



**Vehicle was sold at auction and is now re-registered!**

# Major *Safety* items requiring inspection! Rollovers and their Turntables



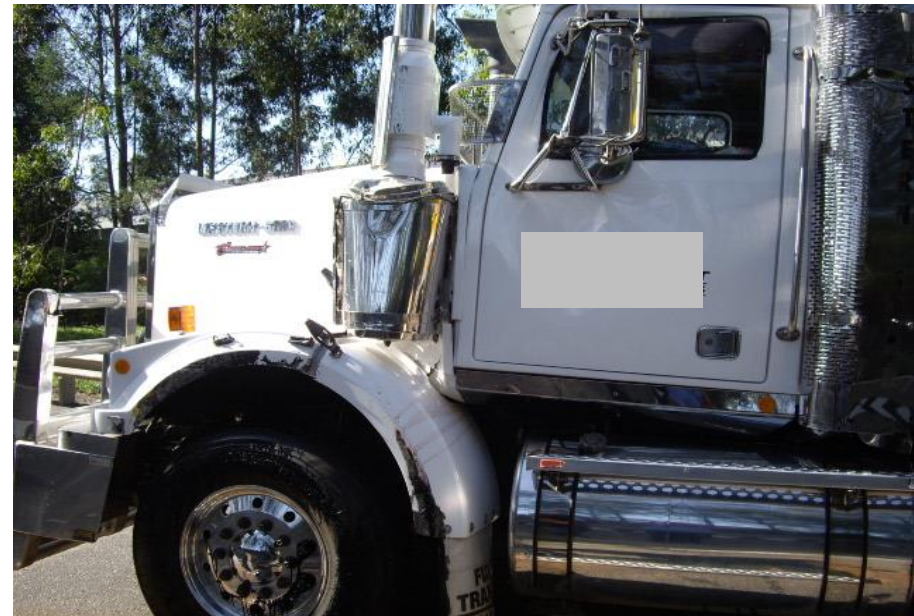
# Rollover Damage is not always evident.

- This vehicle was written off and sold at auction.
- Sometimes, even in what looks like a minor rollover case, there doesn't appear to be much damage.



# Rollover Damage is not always evident.

- Does the “back yarder” know what to look for or even care about safety?
- Have the internal steering components, chassis, suspension and turntable been checked?
- Or has only cosmetic and visible damage been repaired to get the vehicle back on our roads ready to sell to an unsuspecting buyer?





# Vehicle was written off and repaired by owner.

- ▶ This vehicle was written off with no requirement to be recorded on the WOVOR and purchased back by owner.
- ▶ Owner undertook repairs as there is no requirement to repair all identified damage to a safe industry standard or to the MVIRI Code.



# Did the Owner know what safety items were required ?

- ▶ Spring packs still damaged
- ▶ suspension was not checked or crack tested.
- ▶ Turntable jaw kit was never replaced.



# **Turntable base plate bent and jaw kit cracked!**

- **Top deck of the rollover turntable “twisted” from weight transferred by trailer and cargo**
- **Jaw lock pin holding trailer to truck – hairline fracture cracked in half!**



# Re-Registering Heavy Vehicle Write Off's

- “Backyard repairers and rebirthing gangs” buy these vehicles because there is no requirement for them to be recorded on the Written Off Vehicle Register, WOVR , when they are written off.
- In the pursuit of cutting costs and saving money only “cosmetic” repairs are done and are put back on our roads.
- Re-registration processes are less effective due to the lack of available information on the damage that wrecked the vehicle.
- Unsuspecting buyers of these heavy vehicles are being “duped” as they are unable to identify these vehicles as a WRITE OFF or as a Wrecked heavy vehicle using the WOVR to provide a VIN or Vehicle History Check.....(REVS CHECK)!

# **This vehicle was written off, purchased from auction and repaired by a back yard operator!**

- ▶ **Vehicle has been driving on our roads for over 6 months**
- ▶ **It was delivered to a AHVRA member to identify and fix shaking and vibrations from chassis and knocking sounds from underneath**



# The following items were identified as being dangerous & unrepaired.

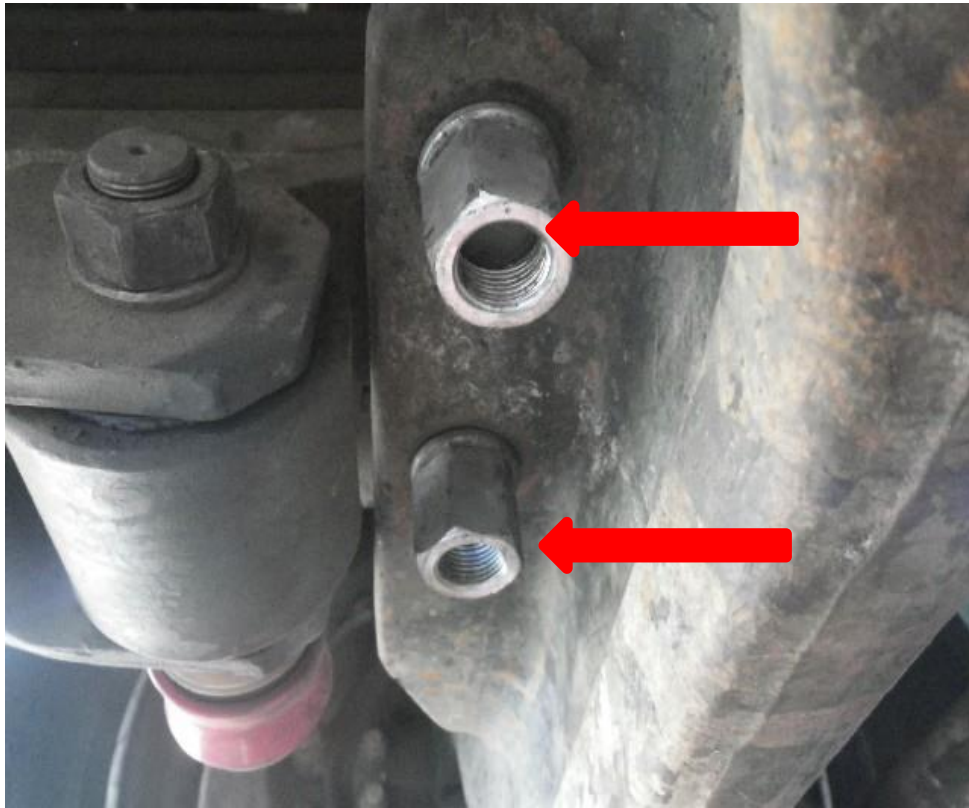
- ▶ Steering box and drag link had severe impact on drag link and steering box was never stripped and crack tested.



- ▶ Severely cracked cross member had sealer wiped over crack to hide the crack



# **Axle U-Bolts (which hold the axle on) had only 14mm of thread instead of 40 mm holding it in place!**



# Severely Damaged Chassis and Suspension

- ▶ Spring hangers and chassis were severely twisted.



- ▶ Spring hanger bolts were tightened “finger tight”





# Certified Repairers know what SAFETY issues to look for - **Transfer Damage**

- The impact point on this vehicle was the right hand wheel area.
- There was no visible impact damage to steering box.
- Due to inertia forces, the impact travels from the wheel to the steering box drag link assembly.



# Certified Repairers know what SAFETY issues to look for - **Transfer Damage**

- Technicians are trained in all aspects of heavy vehicle safety.
- Crack testing of king pins
- X-ray
- No external damage visible or evident, but king pin was found to be cracked!



# Certified Repairers know what SAFETY issues to look for - **Transfer Damage**

- As these steering and suspension components are sealed, it is impossible to check if they are in a serviceable condition unless a full strip down occurs.
- Crack testing picks up cracks that are not evident previously.
- Upon disassemble major cracks visible in steering sector shaft.



# Certified Repairers know what SAFETY issues to look for - **Transfer Damage**

- Impact damage is on the left hand side of the cabin.
- Steering box and Pitman Arm is located on the right hand side.



# A better way to manage Heavy Vehicle Repairs ?



# **Record wrecked & written off heavy vehicles on the WOVVR !**



# How can Heavy Vehicles be placed on the WOVR ?

- ▶ **Remove the 4.5 tonne weight criteria!** - Which is currently in legislation, thereby including all “registered” written off vehicles on our roads to be included on the WOVR in the future.
- ▶ **Remove the Fifteen year requirement which excludes vehicles over 15 years old from being recorded on the WOVR.**  
This will have a greater effect on heavy vehicles as many heavy vehicles will have a working life of up to 30 years or more and with advanced manufacturing process and safety systems will make these vehicles a high end target for re-birthers if it is not removed.



## Notification of a written-off vehicle

An assessor\* must notify the national Written-Off Vehicle Register (WOVR) of all written-off vehicles if:

- It is a motor vehicle, motorcycle, trailer or semi trailer;
- In the case of a motor vehicle, trailer or semi trailer, the vehicle's MRC\*\* does not exceed 4.5 tonne; and
- It was manufactured within the period of 15 years ending on the day on which the damage occurred (if known) or otherwise on the day on which the vehicle was written off.

Western Australia has adopted Australia's national framework for the management of written-off vehicles (WOVs). That is any vehicle that has been determined to be a total loss by an assessor as a result of:

- Damage induced by a collision, fire, water inundation, other weather event, malicious action; or
- Dismantling or stripping;



# What is the Written Off Vehicle Register (WOVR)

Mochasoft - mainframe.nt.gov.au

File Edit View Tools Help

Clear Erase PA1 PA2 PA3 EraseF

I Add Update Inquire Notes Issue\_Surrogate(S) Exit(X)

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MRAVW WRITTEN-OFF VEHICLE DETAILS MRM297

Vehicle ID: [REDACTED] WOVV ID: [REDACTED]  
Plate No: [REDACTED] Type: [REDACTED]  
Serial No: [REDACTED] Type: [REDACTED]  
Engine No: [REDACTED]  
Surrogate No: [REDACTED]

Date of assessment: [REDACTED] NEVDIS WOVR Restriction: [REDACTED] Incident type: [REDACTED]

Damage location and severity codes

Damage location:	1	2	3	4	5	6	7
Damage severity:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Damage location:	8	9	10	11	12	13	14
Damage severity:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Salvage condition: [REDACTED] Write off by organisation: [REDACTED]  
Write off by: [REDACTED]  
Notes: [REDACTED] Inspection level passed: [REDACTED]  
Date Reregistered: [REDACTED] VIN cancelled: [REDACTED]  
Date of effect: [REDACTED]

MSGA0024I Enter valid search criteria

Command ==> [REDACTED] Page: [REDACTED] of [REDACTED]

Enter F1=Help F3=Exit F4=Prompt F5=Refresh F7=Bkwd F8=Fwd F12=Prev  
F15=Exit Appln

# WHAT IS NEVDIS ?

**National Exchange of Vehicle and Driver Information System**

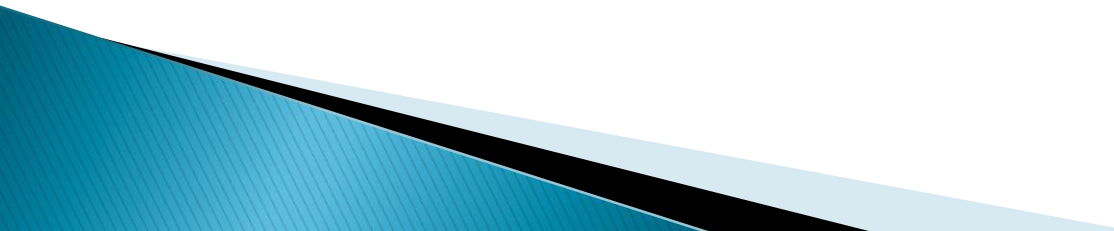
**NEVDIS is the database of Australian Driver and Vehicle information**

**Maintains the National Vehicle Identification Numbers (VIN)**

**The National Written Off Vehicle Register (WOVR) database**

**State and Territory Road Agencies are the source of NEVDIS data**

**Provides the public with Vehicle History Checks (REVS CHECK)**



# NEVDIS Enquiries

For Vehicle registration and VIN enquiries contact the Vehicle Identification section within your state or territory road authority on the numbers below.

State and Territory Contacts		
Jurisdiction	Organisation	Phone
NSW	<a href="#">Roads and Maritime Services</a>	132 213
VIC	<a href="#">VicRoads</a>	131 171
QLD	<a href="#">Department of Transport and Main Roads</a>	132 380
WA	<a href="#">Department of Transport (Driver and Vehicle Services)</a>	131 156
SA	<a href="#">Department of Planning Transport and Infrastructure (Service SA)</a>	131 084
TAS	Department of State Growth	1300 851 225
NT	<a href="#">Northern Territory Transport Group</a>	1300 654 628
ACT	<a href="#">Australian Capital Territory Road Transport Authority</a>	132 281
Commonwealth	<a href="#">Department of Infrastructure and Transport (Vehicle imports)</a>	1800 815 272

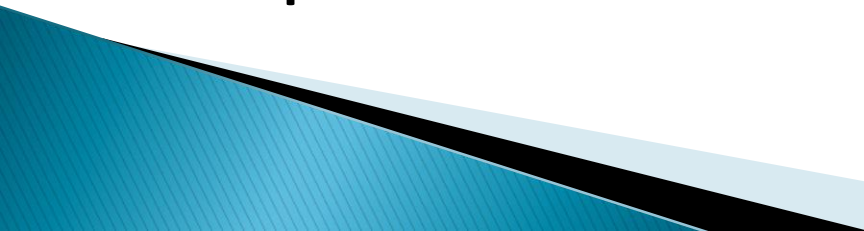
# The Northern Territory Gov't is the only jurisdiction to record Written Off Heavy Vehicles and has been – since 2002

	VEHICLE ID	SERIAL NUMBER	TYPE	MAKE	MODEL	YEAR	WOVR #	EFFECT DATE	REREGISTER DATE	ASSESSMENT DATE	WRITE OFF REASON	INCIDENT TYPE	SALVAGE COND
1	357712	6FM02G04DAKR00357	V	MACK	VALUE LINER	1989	19	19/11/2002	-	4/11/2002	C	I	S
2	134981	6D9T25RTAK2068022	V	HAMELEX	TRIAxLE	1989	53	11/02/2003	-	31/01/2003	W	I	E
3	273081	6FM01E04FAKR00082	V	MACK	ECONODYNE	1989	210	21/03/2003	-	21/03/2003	C	I	E
4	69671	572538	C	VOLVO	F7	1985	55	12/05/2003	12/05/2003	7/02/2003	W	I	E
5	173892	SGDGJC42754	C	FORD	TRADER 0509	1988	198	13/05/2003	-	13/05/2003	C	I	E
6	213544	JN10RYW40A0200508	V	NISSAN	CIVILIAN	1996	430	31/12/2003	-	31/12/2003	C	I	E
7	172903	6FMH13J14BRB01904	V	MACK	CLR722RS	1994	304	20/01/2004	20/01/2004	21/07/2003	C	I	E
8	331858	GT175M10148	C	HINO	GT	1987	781	4/02/2004	-	13/09/2004	W	F	S
9	115847	JT701BU8807500174	V	TOYOTA	DYNA	1991	534	12/03/2004	-	12/03/2004	C	I	E
10	361208	6W9PTDAAJ2A035007	V	POWERTRANS	SIDE TIPPER	2002	595	15/03/2004	-	15/03/2004	W	F	S

# AHVRA PROPOSALS

- ▶ **All written off heavy vehicles must be placed on all Written Off Vehicle Registers (WOVR's) and a National Heavy Vehicle and Trailer Damage Assessment Criteria for Statutory write offs be introduced.**
- ▶ **All “wrecked & unrepaired” heavy vehicles to be defected and a certificate of compliance be provided by a appropriately certified/licenced heavy vehicle repairer to clear such defect.**
- ▶ **All heavy vehicle repairs are to be carried out to the standards outlined in the Motor Vehicle Insurance and Repair Industry Code of Conduct, i.e. manufacturers specifications.**

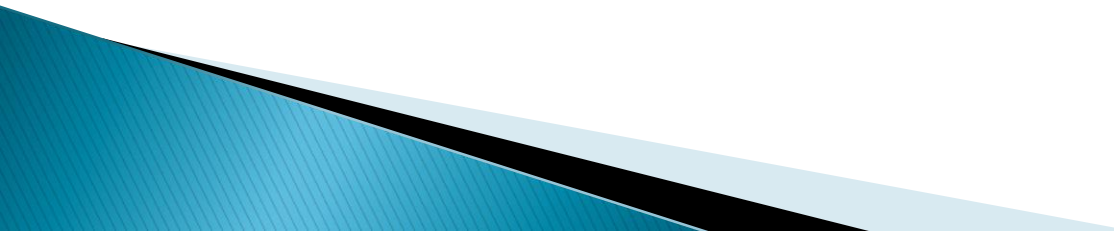
# Potential Benefits

- ▶ **Protect the public from misleading and deceptive conduct by a seller of a written off or wrecked heavy vehicle as information will be available via a NEVDIS vehicle history check.**
  - ▶ **Restrict the criminal element from dealing in wrecked heavy vehicles due to the vehicle being defected requiring the owner to provide a certificate of compliance from an approved provider.**
  - ▶ **Avoid fraudulent claims against Insurers that have already paid out on claims to owners that have not repaired the vehicle from a previous damage assessment.**
  - ▶ **Limit and reduce staged accidents which adds costs to risk assessments and investigations by Insurers which are passed onto us**
  - ▶ **Reduce pressures on insurance premiums.**
- 

**QUESTIONS**

**OBSERVATIONS**

**COMMENTS**



# **TRANSAFE WA 2014**

## **CONFERENCE PROPOSAL**

**THE TRANSAFE 2014 CONFERENCE “IN PRINCIPLE” SUPPORTS THE RECORDING OF ALL REGISTERED WRITTEN OFF VEHICLES ONTO THE WOVR.**

**THE INTRODUCTION OF A DAMAGE ASSESSMENT CRITERIA FOR STATUTORY WRITTEN OFF HEAVY VEHICLES AND THEIR TRAILERS.**

**WRECKED “UNREPAIRED” HEAVY VEHICLES (AT THE TIME OF THE ASSESSMENT) TO BE DEFECTED REQUIRING A CERTIFICATION OF COMPLIANCE BY AN APPROVED PROVIDER.**





# THANK YOU!

Presented on behalf of:

## **The Australian Heavy Vehicle Repairers Association**

The Heavy Vehicle Collision Repair Specialists

