

ACTIVITY	PERSON AT RISK	SIGNIFICANT HAZARDS	RISK*			RISK CONTROL MEASURES	RESIDUAL RISK**		
			P	S	DR		P	S	DR
Carrying out repairs to internal vehicle trim	Technician	Unplanned deployment of airbag causing injury to body, eyes and hearing	3	4	12	<ul style="list-style-type: none"> Check for SRS or AIRBAG signs on internal trim/steering wheels and seats including side airbags. Avoid placing body directly in front of undeployed air bag. Always wear safety goggles and other correct P.P.E, i.e. gloves, hearing protection. Never work on or around airbags if you are not properly trained to do so. Do not expose airbag modules to excessive heat. Disconnect vehicle battery when working on areas thought to contain airbags 	2	3	6
Carrying out repairs to internal vehicle trim	Technician	Unplanned actuation of seatbelt pretensioner as a result of maintenance causing injury to body, eyes and hearing	3	4	12	<ul style="list-style-type: none"> Treat seatbelt tensioners as a sealed unit and never try to dismantle. Always wear safety goggles and other correct P.P.E, i.e. gloves, hearing protection. Never work on or around seatbelt pretensioners if you are not properly trained to do so. Disconnect vehicle battery when working on seatbelts. Do not remove seats with belt pretensioners without paying great attention to wiring loom joints. 	2	3	6
Storing of new and used airbags and seatbelt pretensioners	All Staff and visitors	Unplanned deployment of new or used airbags or seatbelt pretensioners in storage	2	3	6	<ul style="list-style-type: none"> Always store airbag modules and seatbelt pretensioners in suitable containers (please refer to the company's procedure on Airbags and Seatbelt Pre-tensioners for further advice). Return unused or surcharged items to supplier as soon as possible in original packaging. Return any modules to supplier that appear to be damaged in original packaging. 	1	3	3

ACTIVITY	PERSON AT RISK	SIGNIFICANT HAZARDS	RISK*			RISK CONTROL MEASURES	RESIDUAL RISK**		
			P	S	DR		P	S	DR
Replacing airbag modules and seatbelt pretensioners	Technician	Unplanned deployment of airbag or seatbelt pretensioner causing injury to body and eyes	4	4	16	<ul style="list-style-type: none"> Carry airbag modules with trim cover facing away from you. Always check the supplier or manufacturer information before starting work. Only persons fully trained and competent to carry out repair or replacement of these items. Never place body or head close to the front of undischarged items. Never place a module face (trim) down on a hard surface. If testing is required on a module secure on a bench allowing adequate room for the bag to inflate freely if it is accidentally triggered. Never expose modules to excessive heat impact (over 90°C), electrical current including static or radio transmitters. Always use new components never attempt to fit second-hand modules. 	2	3	6
Replacing / storing / handling airbag modules and seatbelt pretensioners	Technician	Inhalation of gases and fibres contained within the device and emitted to atmosphere during accidental deployment	3	4	12	<ul style="list-style-type: none"> Undertake all precautions outline in procedures to prevent accidental deployment. Work in well ventilated areas where possible. Wear correct PPE, safety glasses, hearing protection and gloves. In the event of accidental deployment, vacate area as soon as possible, wash face and exposed skin in clean soap and water. Seek medical attention and check breathing, sight and hearing. 	2	3	6
Disposing of discharged airbags and seatbelt pretensioners	Technician & others	Potential for contamination from discharge of hazardous and/or polluting materials	3	4	12	<ul style="list-style-type: none"> Follow the manufacturer's advice prior to disposal of any discharged devices, paying attention to handling methodology, risks and PPE. Check whether the device is classified as household, industrial or hazardous waste and dispose of accordingly. Double-bag the discharged device prior to disposal, if required. Undischarged devices must not be disposed of in normal waste – seek manufacturer's / supplier's guidance. Waste Transfer Notices must declare the presence of explosive devices. 	2	3	6

PROBABILITY (P) = Remote (0) – Unlikely (1) – Possible (2) - Probable (3) – Very Likely (4) – Certain (5)

SEVERITY (S) = No injury (0) – Minor Injury (1) – First-aid Injury (2) – 3 Day Injury (3) – Major Injury (4) – Fatality/Disability (5)

DEGREE OF RISK (DR) = PROBABILITY x SEVERITY

* Risk identified in the absence of any control measures in place.

** Residual risk is the level of risk that remains after suitable and sufficient risk control measures are introduced

Signature Sheet

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Date completed	1 st February 2025	Date for revision	March 2026

Document Control			
Version	Date	Comment	Person
1	01/02/2025	Original document drafted	Keith Ambrose
2			
3			
4			

Risk Assessment Matrix – Multiply the scores Probability (P) x Severity (S) to determine Degree of Risk (DR)

			Probability					
			(0)	(1)	(2)	(3)	(4)	(5)
Severity			Remote	Unlikely	Possible	Probable	Very Likely	Certain
			No Injury	(0)	0	0	0	0
Minor Injury	(1)	0	1	2	3	4	5	
First-Aid Injury	(2)	0	2	4	6	8	10	
3 Day injury	(3)	0	3	6	9	12	15	
Major injury	(4)	0	4	8	12	16	20	
Fatality/Disability	(5)	0	5	10	15	20	25	

Low	0 - 2	Monitor	Tolerable risk. No additional controls required. Employees made aware of safe/correct systems of work.
Medium	3- 9	Improvement	Action may be required to further reduce the risk to acceptable level. Periodic review of process or activity.
High	10 +	Immediate Action	Unacceptable risk. Stop activity immediately. Inform next level of management and refer to Safety Co-ordinator. Possible cessation/withdrawal of process or activity