

UKRO Advancing Professional Rescue - Lesson Guide

SUBJECT	Extrication – Space Creation – Peel and Reveal		
Aim	Essential understanding	Resources	
To peel vehicle trims and other components to expose risks and structural factors	<ul style="list-style-type: none"> • Benefits of exposing vehicle body parts • Methods of exposure • Hazards and safe systems of work 	<ul style="list-style-type: none"> • Scrap vehicle • Hand tools, Socket set, Screwdriver and Torque set 	
Instructor Input			
Theory	Information Gathering	Concept	Demonstration
When is necessary to remove the vehicle trims and what hazards do they present?	What trims should be removed?	What methods are deployed to remove trims	Describe/demonstrate the sequence of tool operations and actions
Application	Vehicle Knowledge	Tool Selection	Technique
<p>Reason to peel and reveal</p> <ul style="list-style-type: none"> • Exposure to hazards – detonators, pre-tensioners • Exposure of structural elements – Bolts mounting brackets • Removal to increase tool performance • Gain access to lock mechanisms <p>Hazards</p> <ul style="list-style-type: none"> • A projectile from broken plastics • Sharp plastic edges • Potential impact on stabilisation caused by aggressive actions 	<p>Types of trims</p> <ul style="list-style-type: none"> • Plastic/cardboard panel trims • Rubber seals <p>Fitting</p> <ul style="list-style-type: none"> • Bonded • Retaining clips • Screws and bolts • Interference fit (press fit/friction fit) <p>Removal</p> <ul style="list-style-type: none"> • To expose areas where tool operation will take place • Removal to support tool operation in-line with extrication plans – plastic for a reciprocating saw, seals when cutting with a combination tool 	<p>Methods</p> <ul style="list-style-type: none"> • Avoid if practical • Controlled removal – release retaining clips, undo bolts or screws, applied pressure to remove items secured by an interference fit • Controlled breakage 	<ul style="list-style-type: none"> • Avoid – Avoid unnecessary removal • Controlled removal – where access is available and time permits <ul style="list-style-type: none"> ○ Panel trims – check for securing screws and remove, use a small prybar and insert between trim and door panel, apply pressure to release securing clips • Rubber seals – Locate joint, use a small prybar to force seal away from panels. Once a small section is released, hold and pull the remainder of the seal • Controlled breakage <ul style="list-style-type: none"> ○ Protection – Casualty, other responders – Shielding • Use a small pry bar to force trims until failure and sufficient access is available

Delegate understanding			
<ul style="list-style-type: none"> Describe the purpose of peeling and revealing List potential hazards and obstructions Key considerations Points of safety Impact on the casualty 	<ul style="list-style-type: none"> Be able to analyse a vehicle and identify the types of trim and how it is secured Identify which trims will need to be removed or exposed in-line with the extrication plans 	<ul style="list-style-type: none"> Is able to describe the various methods of removing or exposing panels and where they would be applied Demonstrate they understand how the different trim and securing needs to be managed 	<ul style="list-style-type: none"> Demonstrate they can apply the various methods at the appropriate times Is able to apply safe systems of work to protect themselves and others