

UK Advancing Professional Rescue - Lesson Guide

SUBJECT	Extrication – Space Creation – Pedal Displacement or Removal		
Aim	Essential understanding	Resources	
To displace or remove a vehicle pedal to release an entrapment	<ul style="list-style-type: none"> • Application of technique • Tools required and safe operation • Impact on the casualty • Influence the vehicle has on the technique • Tool positioning and the sequence of actions 	<ul style="list-style-type: none"> • Scrap vehicle • Casualty (dummy) • Equipment: Stabilisation equipment, personal line (or similar), small cutting tool (if available) 	
Instructor Input			
Theory	Information Gathering	Concept	Demonstration
Where can the techniques be applied and what influences the outcome?	How does the vehicle structure impact on the success of the roof removal?	What are the key considerations?	Describe/demonstrate the sequence of tool operations and actions
Application	Vehicle Knowledge	Tool Selection	Technique
<ul style="list-style-type: none"> • Sufficient access to the pedal for tools or line • Alternative methods if access is not possible – Dash displacement • Must form part of initial actions to release the entrapment • The direction of forces applied – left pull/right pull • Safety – PPE/Casualty protection • Maintaining a safe working area • Time considerations • Impact on the casualty – Pedal movement 	<ul style="list-style-type: none"> • Vehicle Impact Kinematics • Space available for tools • Try before you pry – Can the patient’s foot be manipulated free? • Can the seat be moved back – subject to professional medical advice? • Pedal construction – Metal or composite material • Can the pedal box be unbolted? 	<p>Patent:</p> <ul style="list-style-type: none"> • The condition, level of response • Can they assist is the release? • Time factors <p>Vehicle/Collision</p> <ul style="list-style-type: none"> • What is the extent of the vehicle deformation? • Is access available to remove or displace pedal? • Can the seat be moved back? • Do the doors open? • Is a dashboard displacement required? <p>Rescue tools:</p> <ul style="list-style-type: none"> • Personnel line or alternative (pedal displacement) • Small cutters (pedal removal) • Socket set (pedal box removal) 	<ul style="list-style-type: none"> • Stabilise vehicle • Confirm foot entrapment by the pedal • Consider access for tools and impact on the patient • Determine if the seat can be moved back (with professional medical supervision) • Can the patient’s foot be manipulated free? • Determine the most appropriate method for displacement/removal • Removal <ul style="list-style-type: none"> ○ Small cutter ○ Unbolt pedal box • Displacement <ul style="list-style-type: none"> ○ Secure a personal line (or similar) to the pedal, open the driver's window, secure the line to the outer edge of the window frame with the door almost closed. Once secured open the door to

			<p>act as a lever and displace the pedal.</p> <ul style="list-style-type: none"> • Ensure casualty protection
Delegate understanding			
<ul style="list-style-type: none"> • Application and sequence of actions • Key considerations • Points of safety • Impact on the casualty • Equipment requirements 	<ul style="list-style-type: none"> • Be able to analyse vehicle structural factors and respond accordingly • Plan location of tool operation and purchase points • Identify safety devices and mitigate the risk 	<ul style="list-style-type: none"> • Formulate a sequence of tool operation • Apply effective, safe use of tools • Recognise limitations • Demonstrate a successful outcome 	<ul style="list-style-type: none"> • Appropriate vehicle preparation • Identify and select appropriate tools • Demonstrate the safe and correct use of tools • Appropriate tool selection and recognise the limitation of tools • The correct sequence of tool operation • Successful completion of the technique