

Work Instruction		WO No.	
		Date:	
Scope:			
Team Leader:		EP Point Motor Type:	
Activity: EP Point Motor (without micro-switches) Like For Like Renewal			
Reference: PR S 40010, PR S 40011			
Activity No.	Task No.	Work Description	Completed Name/Sign
APPARATUS INSPECTION & PREPARATION			
1	1A	Ensure the new EP point motor is of correct configuration and bench tested. Inspect equipment type and configuration in accordance with the specific design and compare to the existing EP point motor.	
2	2A	Confirm the Normal position of points.	
	2B	Identify and mark air lines at the air control unit and the EP point motor.	
	2C	Conduct an apparatus inspection of the condition of the existing EP point motor mounting/fixings and air lines. Prepare to replace as required.	
SAFeworking & DISCONNECTION FROM INTERLOCKING			
3	3A	Ensure affected signalling apparatus is booked out of use in accordance with PR S 40008.	
	3B	Disconnect the affected signalling apparatus and clip & lock points in accordance with PR S 40009 Disconnection of Signalling Apparatus.	
DISCONNECTION, REMOVAL AND INSTALLATION			
4	4A	Turn-off air supply valve to the points (where fitted in control unit, only close individual air valves - to maintain pressure switch detection).	
	4B	Disconnect air lines at EP point motor, protect ends and withdraw clear.	
	4C	Remove existing EP point motor and install new EP point motor. Replace any defective mounting/fixings and air hoses. Connect air lines as previously marked.	
	4D	Conduct an apparatus inspection to ensure the installation is physically correct (all bolts, hoses, nuts and unions should be tight) including inspection of hoses for damage.	
ADJUSTMENT			
5	5A	Reopen the air valve, check/adjust the EP point motor air-flow regulators (if applicable). Operate the EP point motor and ensure no air leaks.	
	5B	Check/adjust the EP point motor travel and ensure latches (if applicable) correctly engage at each end of the stroke.	

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CERTIFICATION				
6	6A	Using the air control unit, operate the points Normal and Reverse and confirm both ends operate correctly.		
	6B	Ensure open switch flangeway clearance along switch meets specification. Ensure closed switch fully closes up against stock rail. Ensure back drive is functional (if applicable).		
		Points Normal	Open Switch	
		Points Normal	Closed Switch	
		Points Reverse	Open Switch	
		Points Reverse	Closed Switch	
	6C	Ensure correct travel and operation of Indication Box/Escapement Slide (if applicable).		
7	7A	Certify the Facing Point Lock and Detection Normal & Reverse.		
8	8A	Arrange for the signaller to check the operation of the points, and associated signalling apparatus. Ensure the EP point motor is secure.		
	8B	Complete the return PR S 40017 FM03.		
	8C	Book affected signalling apparatus back into use.		

I certify _____ points at _____
 location have been inspected and tested and are fit for service.

Signature

Date