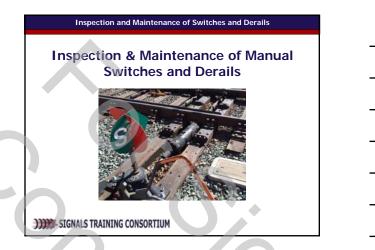
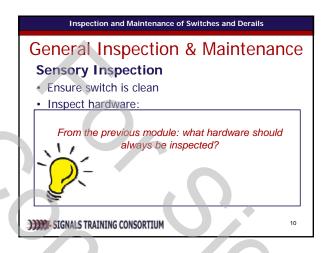
Course 202: Inspection and Maintenance of Switches and Derails Module 4: Inspection and Maintenance of Manual Switches and Derails



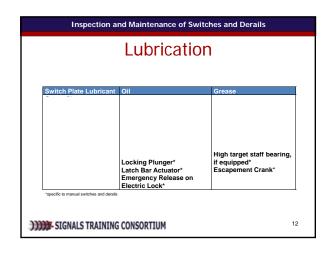
Riders Depend on Us What do you know about this switch? SIGNALS TRAINING CONSORTIUM Properties and Derails Riders Depend on Us SIGNALS TRAINING CONSORTIUM

Outline Inspect and maintain manual switches Inspect and maintain electric locks Inspect and maintain circuit controllers on manual switches

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Inspection and Maintenance of Switches and Derails		
Gene	eral Inspection & Maintenance	
Sense	Example Problems	
Sight	Debris, dirt, clutter, untamped ballast, rotting, instabilities, rust, worn insulation, lubricant outside the gearbox, proper drainage, hairline damage or distortion to case, cover and/or other structural components, breaks/weak points or any other signs of physical damage.	
Smell	Burning (only if installed with snow melters).	
Touch	loose points, hardware, etc, switch is especially hard to throw*.	
Hear	Grinding, switch bogged down, clanging sound, loose or broken parts.	
	al switches and derails	
310	NALS TRAINING CONSORTIUM	



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