Course 202: Inspection and Maintenance of Switches and Derails Module 5: Inspection and Maintenance of Electric Switches and Derails

Inspection & Maintenance of Electric Switches and Derails Switches and Derails SIGNALS TRAINING CONSORTIUM

Inspection and Maintenance of Switches and Derails

Riders Depend on Us

What do you predict will be different between inspecting and maintaining manual vs. electric switches?



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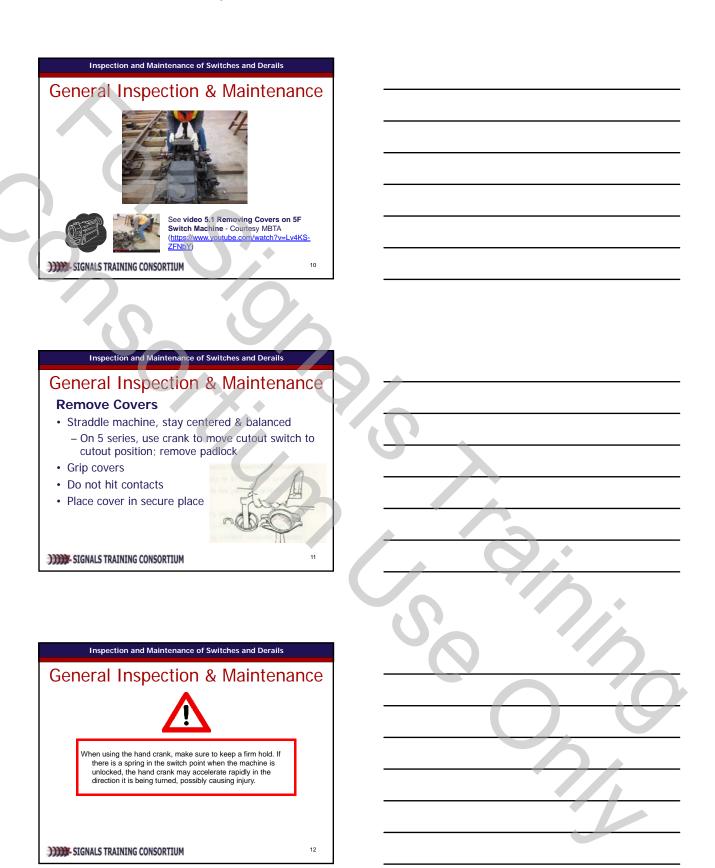
Inspection and Maintenance of Switches and Derails

Outline

- Inspect and maintain electric switches and derails
- Inspect and maintain Components in Motor Compartment
- Demonstrate ability to perform friction clutch test
- Demonstrate ability to perform switch restoring circuit test

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General Inspection & Maintenance
Motor Compartment – Commutator & Brushes

• Clean

- Use lint free cloth

- Remove carbon dust around commutator end of armature, in undercuts, brush holders and brush sides

- Dry if solvent is used

• Ensure no pitting or excessive worn/burnt

- Should be coffee colored & highly polished