



**Switch Point Protector** increases the service life of switch points by absorbing the impact of passing car wheels. The protector momentarily deflects the wheel flange so it misses the tip of the switch point. The protector is bolted to the inside of the straight stock rail leading into the switch. Normally, the protector is placed two inches ahead of the switch point tip, but this distance may vary due to speed and traffic conditions. This switch point protector is available in most standard rail sizes, and is reversible, to increase its useful service life. Furnished complete with manganese-steel face plate, bolts, nuts, spring washers and steel shim.

## Model FM Switch Point Guard



Properly installed, well maintained, switch point guards are valuable maintenance aids and safety accessories. They extend the service life of costly switch points by deflecting the train wheels away from the vulnerable switch point tip. This same deflecting action enhances safety by helping to prevent a worn wheel flange from “picking the point” and causing a derailment. The reinforcement of the track structure that is achieved with the use of a switch point guard both lengthens the service life of the switch components and reduces the possibility of track spreading, or roll-over of the rail.

The model FM Switch Point Guard features an adjustable and replaceable wear bar made of manganese steel. As this bar wears, it can be moved outward to extend its service life. After it is completely worn out, it can be replaced easily without disturbing the track structure. Model FM comes in a basic unit for installations without a gage plate or it can be ordered to fit over most common gage plates. When ordering Model FM, please specify your tie spacing and whether or not you want it to fit over an existing gage plate. If so, specify the style of braces used with your gage plate.