ANPR 707

Clipping Points

Applicability

NSW

SMS

Publication Requirement

External Only

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Introduction

Point clips are used to *secure* points in the normal or reverse position. They are also used to secure expansion joints for *wrong running-direction* movements.

Facing points on *running lines must* be locked if:

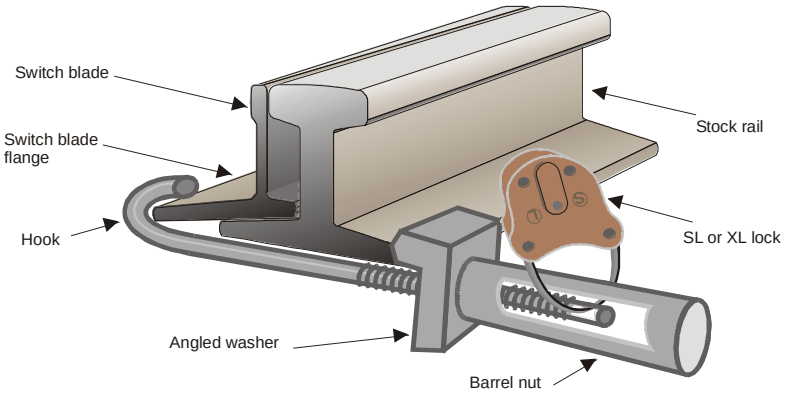
- you cannot be sure that the points will remain in the correct position, or
- there is an instruction at the points to clip and lock them, or
- the points are included in instructions in the controlling signal box.

An SL or XL lock is used to lock point clips. Point clips are kept in signal boxes, traffic huts and various equipment cabinets.

Using point clips

1. Use standard point clips for standard points. Standard points have a switch blade and stock rail of similar depth. The standard point clip has a simple hook for the switch blade flange.

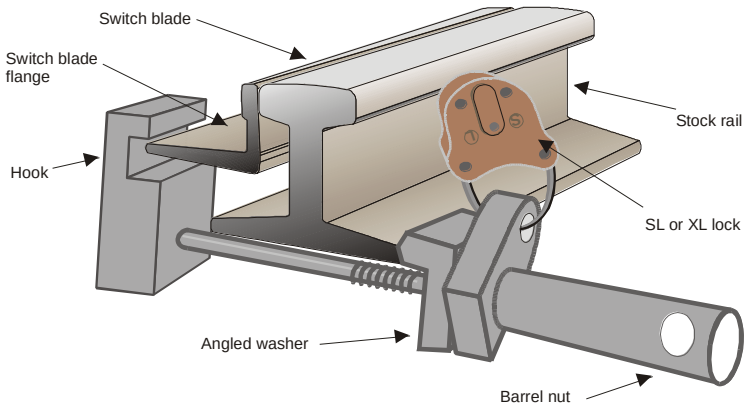
Figure ANPR 707-1



Fitted standard point clip

2. Use tangential point clips for tangential points. Tangential points have a shallower switch blade. The tangential point clip has a stepped hook to suit the shallower switch blade.

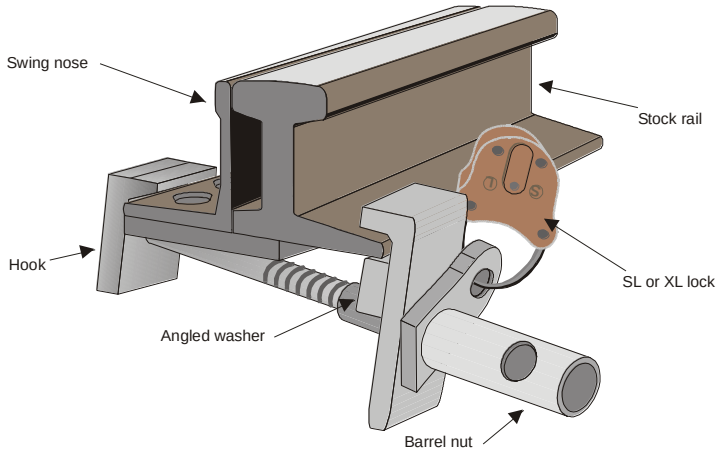
Figure ANPR 707-2



Fitted tangential point clip

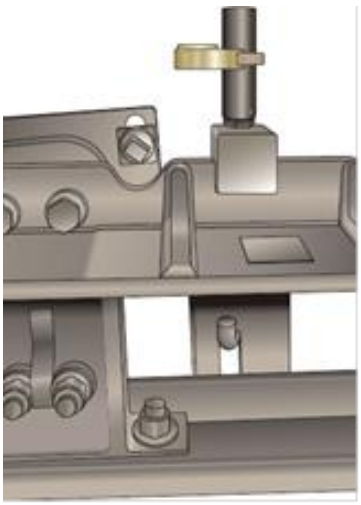
3. Use the point clip provided in the equipment cabinet for the swingnose used in some points.

Figure ANPR 707-3



Point clip fitted to the swingnose

Figure ANPR 707-4



Point clip fitted to the swingnose of VAE Points.

This type of points uses a normal point clip fitted to a plate under the movable swingnose of the points.

Fitting point clips

Competent Worker

1. Make sure that you can do the work safely.
2. Before placing or removing point clips, speak to the Network Control Officer and agree to the appropriate safety measures to be used to prevent being struck by rail traffic.
3. Ask and confirm from the Network Control Officer, authority to place or remove the point clips.
4. Make sure that the points are in the correct position, and that the blade is tightly against the stock rail.
5. Fit the point clip to the underside of the switch blade and stock rail, as close as possible to the tapered end of the switch blade, and between sleepers.

NOTE

Install the point clip for standard and tangential points so that the barrel nut of the clip is outside the four-*foot*.

6. Hand-tighten the barrel nut, making sure the angled washer is fitted as shown in the Figures.
7. Fit and lock an SL lock or, if *authorised*, an XL lock.

Related ARTC Network Procedures

NIL

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