

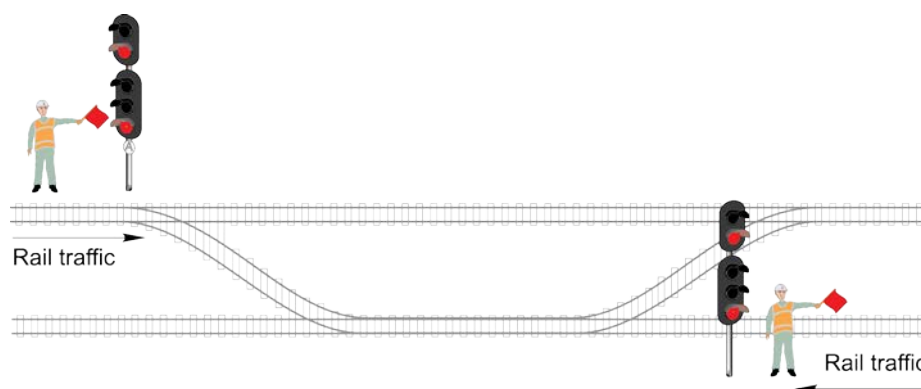
# Operating emergency crossovers

## Introduction

Emergency crossovers are used to divert rail traffic from one running line to another. A key from an Annett lock, a duplex lock, or a releasing switch usually releases emergency crossovers. Points are secured with point clips and XL locks.

Emergency crossovers may be tested as part of the work included in a work on track authority.

In unidirectional double-line Rail Vehicle Detection territory, emergency crossovers may be protected by automatic signals.



**FIGURE 1:** Typical emergency crossover arrangement

## Operating a crossover



### WARNING

Before the crossover is operated, rail traffic already in the section must have:

- passed beyond the crossover, or
- been brought to a stand and the Driver or Track Vehicle Operator told that the crossover is to be operated.

## Operating emergency crossovers

### *Qualified Worker*

1. Place Handsignallers at affected signals.
2. Establish effective communication with Signallers at adjoining signal boxes.
3. Get authority to operate the crossover.

### *Signaller at adjoining signal box*

4. Get the Network Controller's authority to operate the crossover.

### *Qualified Worker and Signallers at adjoining signal boxes*

5. Establish the location of rail traffic approaching the crossover.

### *Qualified Worker*

6. Ask the Signallers responsible for the lines to prevent the entry of rail traffic into the affected section by placing signals at STOP with blocking facilities applied.

### *Qualified Worker and Signallers at adjoining signal boxes*

7. Make sure that approaching rail traffic:
  - has passed the crossover, or
  - has been brought to a stand, and the Driver or Track Vehicle Operator told that the crossover is to be operated.

### *Qualified Worker*

8. Operate the releasing equipment to switch in the crossover.
9. Establish effective communication with Handsignallers.
10. Make sure that protecting signals have returned to STOP.

## Operating emergency crossovers



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### NOTE

If a protecting signal does not display STOP:

- do not operate the crossover
  - treat the indication as illegal
  - tell the Signaller.
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11. Arrange to unlock and remove point clips.

12. Tell Signallers at adjoining signal boxes that:

- the crossover has been switched in
- rail traffic may enter the section.

13. Unlock and operate the groundframe as required.

*Signallers at adjoining signal boxes*

14. Tell Drivers and Track Vehicle Operators entering the section:

- that the crossover is switched in
- about the affected signals.

*Qualified Worker*

15. When you have finished operating the crossover:

- restore the points to **NORMAL**
- clip and lock the points
- secure the groundframe
- return the key to its lock.

16. Check that signals display a **PROCEED** indication.

## Operating emergency crossovers



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**NOTE**

If the signals do not display a PROCEED indication:

- tell the Signaller
  - tell the Handsignallers to remain at the signals and wait for further instructions.
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### Network Procedures

*NPR 707 Clipping points*

*NPR 719 Operating groundframes*

### Effective date

30 September 2018