PRODUCT NAME

Installation of T connector race rail

SIZE	PART NO.
Posts 150 x 100, Rails 108 x 50	P129A
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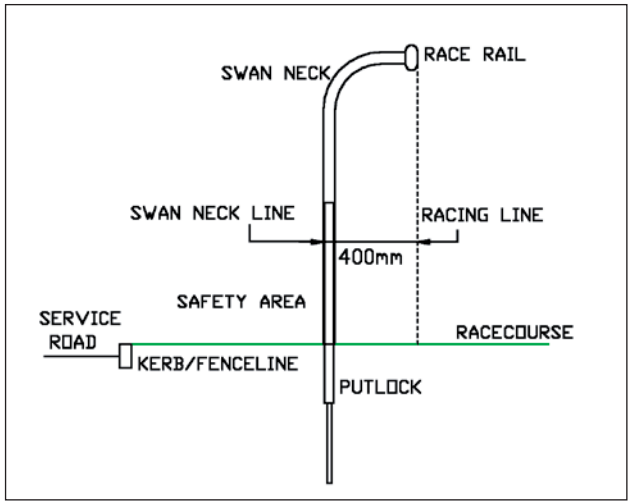
129A	Oct 2008 J.S.

DURALOCK PERFORMANCE FENCING



1. Mark out

Establish the race line and mark, then measure back 400mm from the race line, this is the distance between the face of the race rail and the back of the swan neck line, this will establish the line of installation where putlocks (ground fixings) will be installed later.

2. Layout materials

Layout materials along line of installation in the following order:

1 x putlock every 3m

1 x rail every 6m

1 x swan neck pack (15) every 45m (1 every 3m)

1 x box of 26 rail connectors every 78m (1 every 3m)

Slip rails where necessary.

Using 1 x length of rail as a ruler, mark the swan neck positions at 3m centres. Use this to establish putlock locations along the line of installation.

IMPORTANT: Do not exceed 3m of rail between putlock positions.

NOTE: The open face of the putlock angle irons should face the racecourse line.

3. Slip rails:

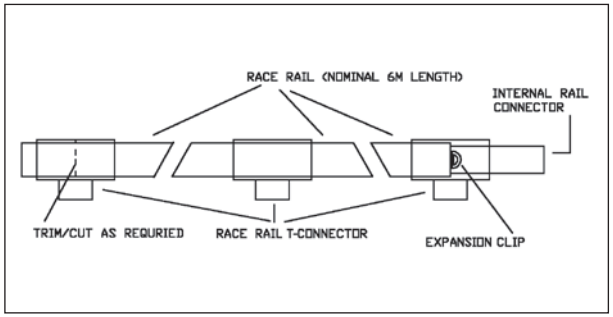
At location of slip rails, unwrap and lay out the material to see how best to install i.e. left hand opening or right hand opening. Then lay on the line of installation.

4. Installing putlocks

Once putlock positions have been established you can drive the putlocks into the ground. Leave a min of 500mm to 900mm max out of the ground. This will vary depending on ground type and how stable / permanent a race rail is required.

Putlocks can be driven into the ground using sledge-hammer, wacker style breaker with special attachment or any post driving equipment modified to drive putlocks.

NOTE: For a permanent fence line, dependent on ground condition, we recommend that you bore a hole and concrete the putlocks into the ground.



5. The build

In the packet of swan necks you will find some rail profile sections to be used as spacers for levelling if required. Place 1 x spacer onto each putlock and knock into ground then place 1 x swan neck onto the putlock. (If ground is very soft use more spacers).

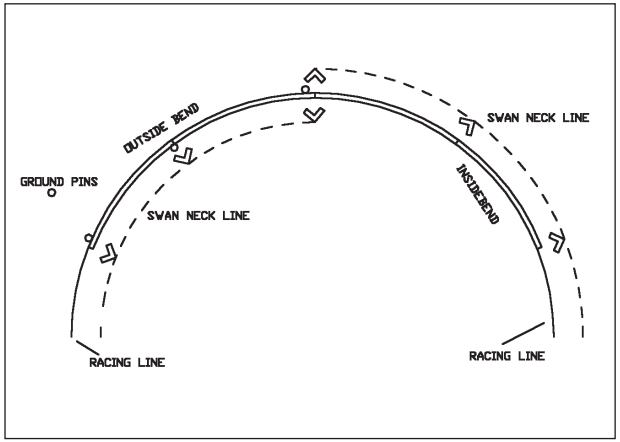
Taking 1x length of rail slide 3 x T-connectors on to the rail and offer up to swan necks and connect. Centralise the rail within the T-connector and trim/cut rail if required. Taking the next rail slide on 2 x connectors and connect onto previous rail. Then locate onto internal rail connector and slide into position.

Finally feel for contact with expansion clip and back off 5mm min up to 30mm max.

Repeat.

6. Fence levelling

First look down the race line and adjust any swan neck that is leaning forward or back from the race line by pulling the putlock into position and re-compacting the ground around it. Next look horizontally along the race rail and make adjustments up or down by adding or taking away spacers.



7. Bends

Mark out the radius/curve of the bend using ground pins and peg out the rail on the race line and then establish putlock positions along the curve and fix rails as described previously.