

CASE 12: MULTI-DROP LOAD WITH RATED CURTAINS

Load:

- Palletised general freight – multi-drop.

Vehicle:

- A rigid truck with load rated curtains.

IDENTIFY THE LOAD:

Step 1:

Which part of the load do I want to restrain?

- ⚠ In a multi-drop load, gaps greater than 200 mm will appear along the truck in what was a fully blocked load when it left the depot – [Figure 505](#), and [Figure 506](#).

- ✓ Recheck your restraint method after each drop to assess if all parts of the load are fully restrained in all directions.

- ⚠ Load rated curtains only provide sideways restraint. Where there are gaps additional forward and rear restraint will be required.

CHOOSE A SENSIBLE RESTRAINT METHOD:

Step 2:

Plan the load for multi-drops

- ✓ Minimise the number of gaps in a multi-drop load by placing earlier drops at the back of the truck – [Figure 507](#).
- ⚠ Even when the number of gaps are minimised with a load plan, gaps must still be blocked or extra lashings used to ensure the load is restrained in all directions.
- ⚠ You also need to consider mass distribution (axle weights) for each stage of transporting a multi-drop load.

Figure 505 Fully blocked leaving the depot

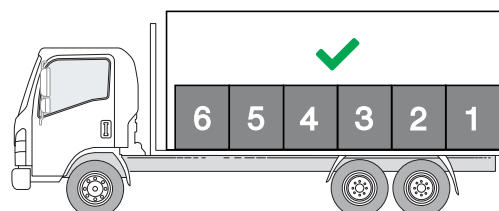
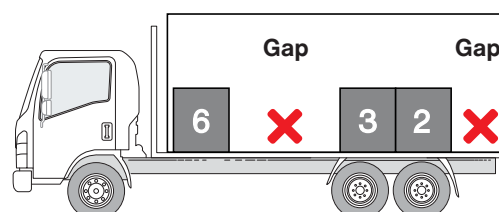
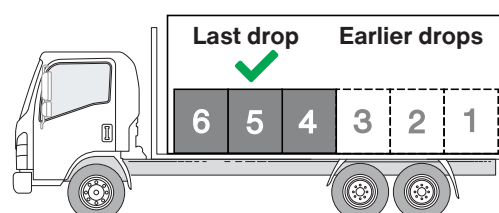


Figure 506 Gaps greater than 200 mm along the truck after drop-off



In the example above Pallet 6 is **no longer restrained rearwards** and Pallets 3 and 2 are **no longer restrained forwards or rearwards**

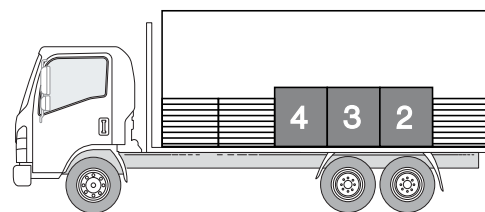
Figure 507 Only the gap at the rear needs to be blocked or restrained with extra lashings



Step 3:

Can I block the gaps?

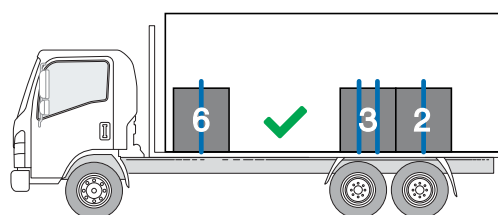
- ✓ Use stacked pallets, crossover straps or a pallet on end tied back as a de facto headboard – [Figure 508](#).
- ✓ Check the sum of any gaps along the load is less than 200 mm.

Figure 508 Gaps filled with stacked pallets

Step 4:

Do I need extra restraints?

- ✓ **Use extra lashings** to give a tie-down effect if you cannot block the load in the forward and/or rearward direction – [Figure 509](#).
- i** For more information on how to work out the number of lashings see [tie-down worked examples](#).

Figure 509 Extra lashings are needed if you cannot fill the gaps

*In the example above Pallets 2 and 6 are **restrained rearwards** and Pallet 3 is **restrained forwards**.*