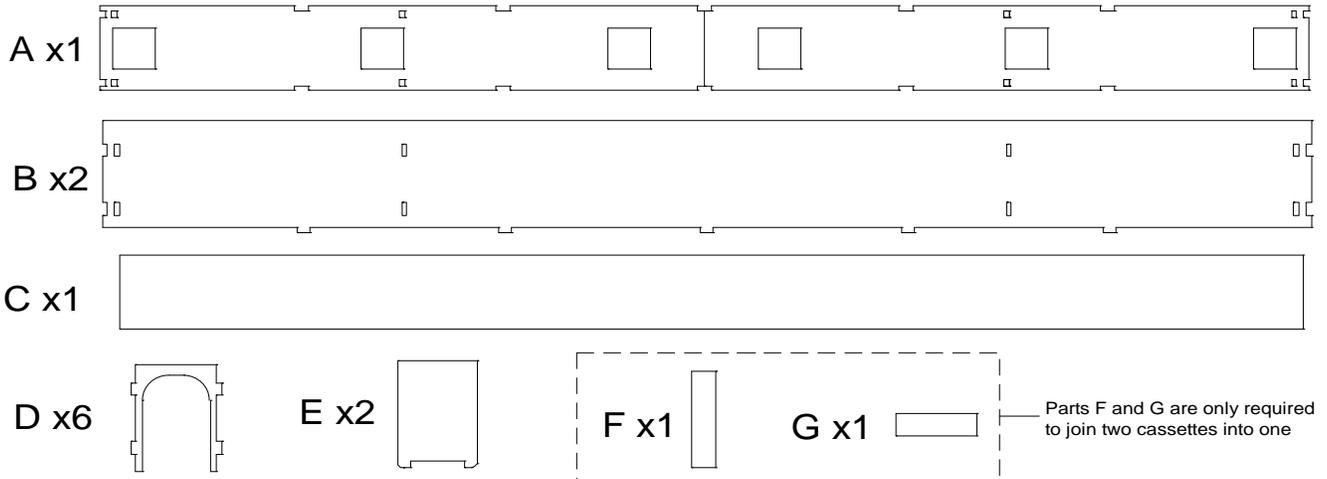


MILL LANE SIDINGS

MLS052 – Stock Storage Cassette System Kit

For Peco Code 80 Flexible Track (not included)

Parts



Gluing

The cassette is made from 2mm laser cut MDF so it is recommended to use a good quality PVA glue for construction. Use a small brush or cocktail stick to apply the PVA. Always familiarise yourself with the parts and test fit before gluing.

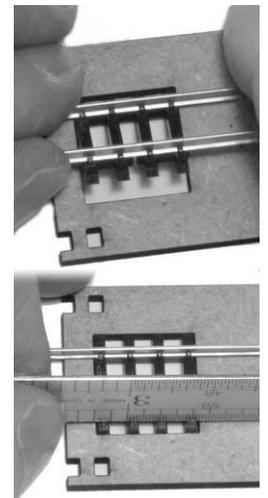
Cleaning The Edges

The blackened edges of the parts are where they have been cut by laser. This sooty residue will rub off onto hands over time with handling. It can be cleaned prior to assembly by rubbing the edges onto a piece of plain white paper until all the black has been removed. Alternatively, seal all the exposed edges with PVA before construction. This requires little more than using a finger to wipe some PVA over the edges and set aside to dry.

Preparing The Track

The cassette is 450mm long which will take half of a yard length Peco Code 80 flexible track. As a yard length of track is 914mm, cut a piece of track in half to give a length of 457mm. The sleepers are joined by webbing between alternate sleepers. Cut the webbing so that there are six sets of four sleepers. The remainder of the sleepers can be removed. It is easier to remove sleepers between sets of four sleepers so that the four sleepers roughly correspond to the six squares on Part A. Sleepers are easier to remove by pushing them down from the rail (which pops the chairs out from the rail) than by trying to slide the sleepers off the ends.

Starting at one end, push the sets of four sleepers into the squares in Part A. The sleepers are an interference fit, so they are quite tight to get in. Put one side of the sleepers in one side of the hole and use a metal edge to push the sleepers in on the other side. Work along Part A pushing the sleepers into the holes. Don't worry about the rails until all the sleepers are in all the holes, whereupon they can be aligned so that they are equal at the ends.



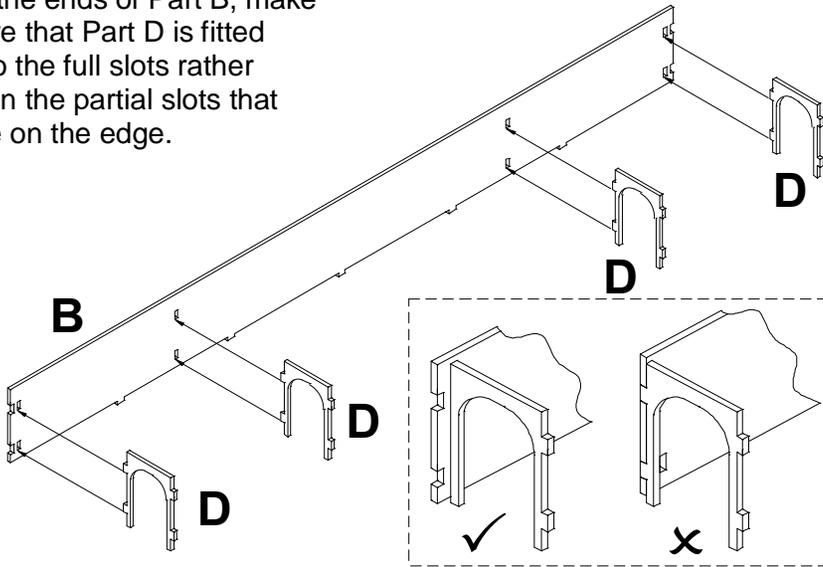
Using The Cassettes

Unlike most cassettes that modellers make, these cassettes do not require any alterations to the baseboard (usually required to lower the baseboard top to accommodate the base of a cassette so that the track is the same level). Simply place flat on the baseboard and join to a piece of track from the layout using Peco fishplates. These will ensure that the track is aligned and also provide power. More than one cassette can be joined together in this way.

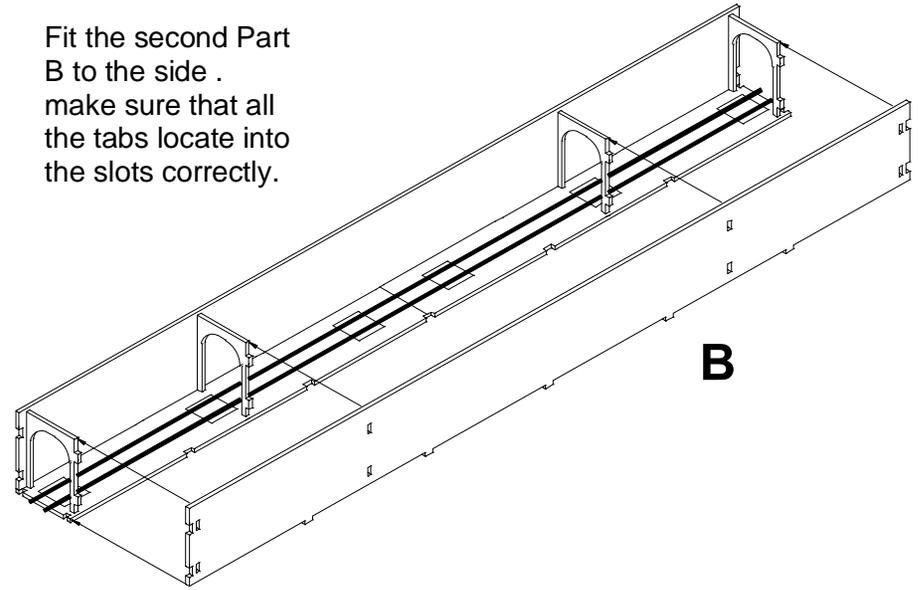
Construction

Fit four Part D into Part B. Make sure that Part B is the correct way up . the five small tabs on this part should be at the bottom.

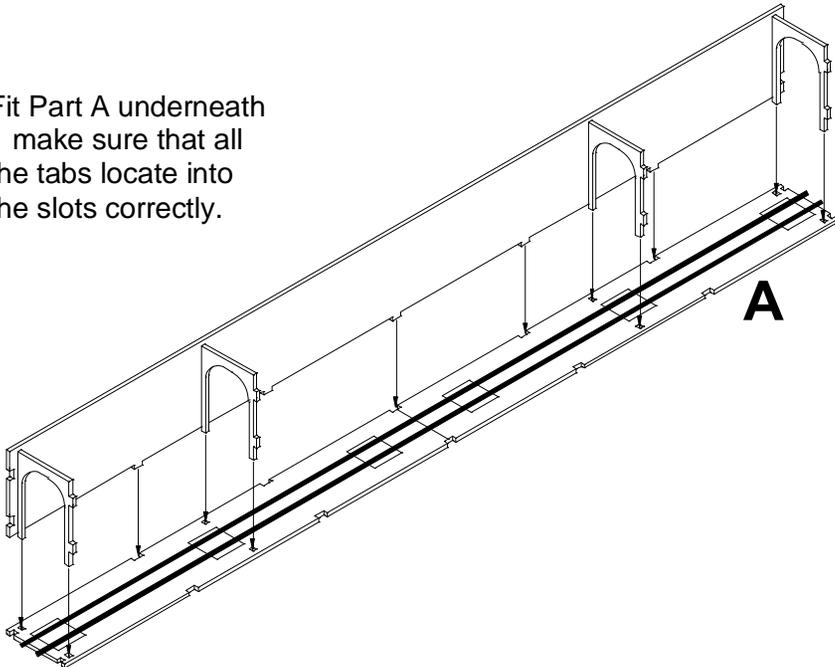
At the ends of Part B, make sure that Part D is fitted into the full slots rather than the partial slots that are on the edge.



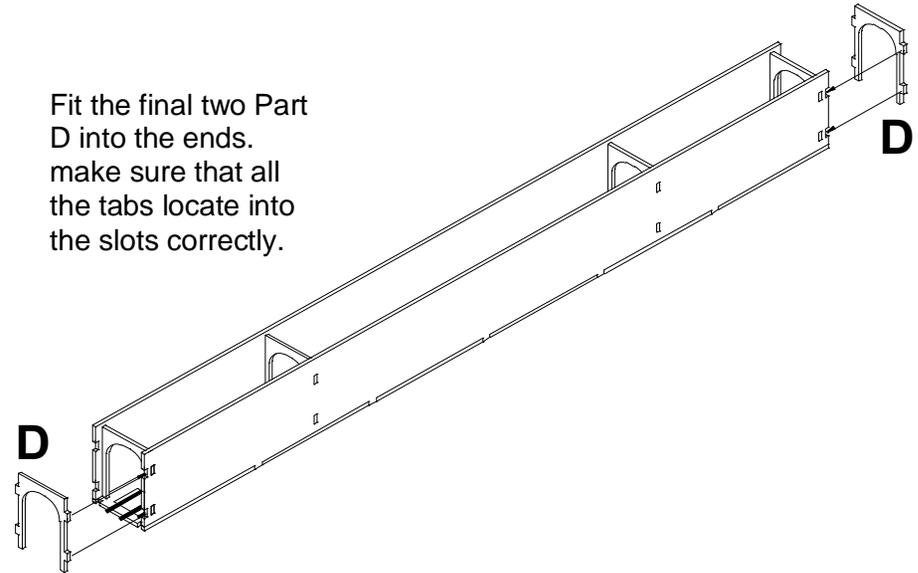
Fit the second Part B to the side . make sure that all the tabs locate into the slots correctly.



Fit Part A underneath . make sure that all the tabs locate into the slots correctly.



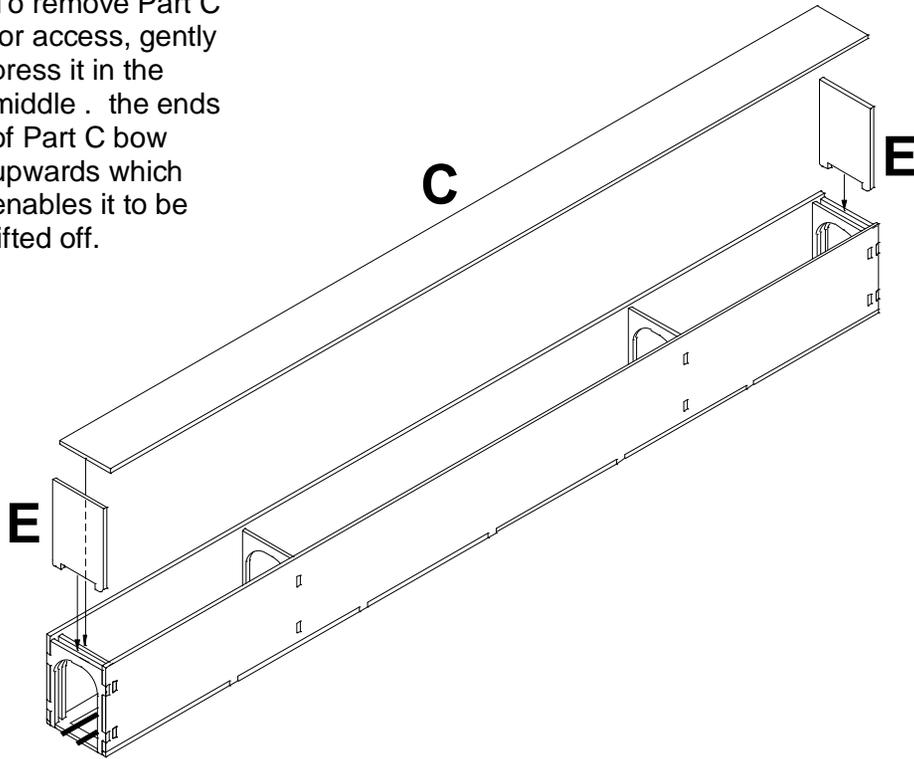
Fit the final two Part D into the ends. make sure that all the tabs locate into the slots correctly.



The remaining parts are NOT glued to the cassette. Part E are the end protectors to stop rolling stock falling out of the cassette when it is moved. These slide into the slot created by the two Part D at the end (the notch in the bottom of Part E goes at the bottom to fit over the

rails). Part C rests on the top of the middle four of Part D to act as a dust cover when the cassette is used for storage.

To remove Part C for access, gently press it in the middle. the ends of Part C bow upwards which enables it to be lifted off.

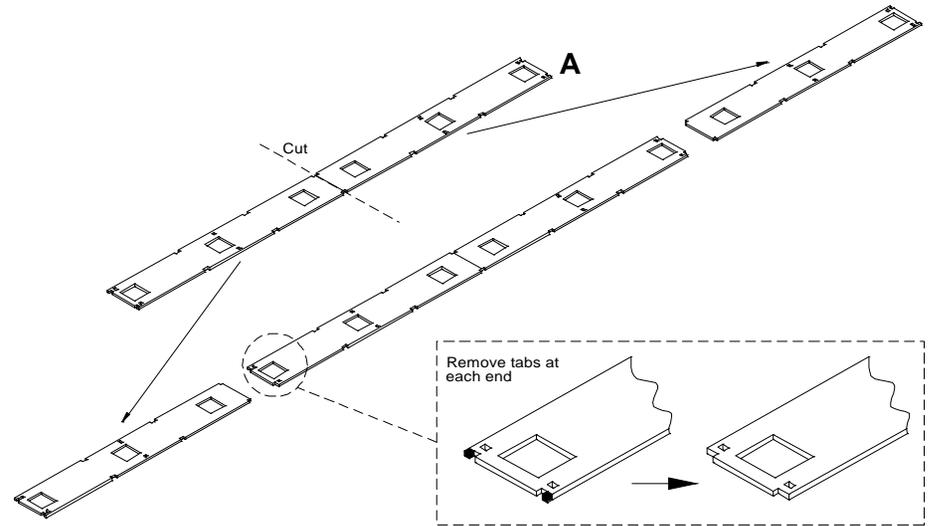


Joining Two Stock Storage Cassette System Kits

This cassette system has been designed so that with some slight alterations it is possible to build two Storage Cassette System kits as a single longer cassette. Most of the construction is the same as building a single cassette.

Cut one Part A in half. there is a line across the middle to use as a guide. Cut the small tabs off all four corners of the other Part A. Place

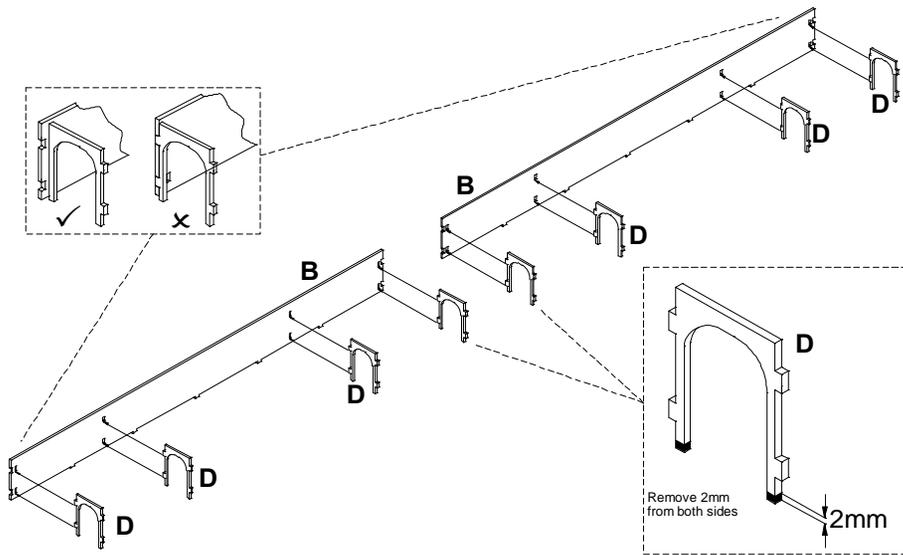
the two halves of the cut Part A so that the cut edge butts against the end of the other Part A.



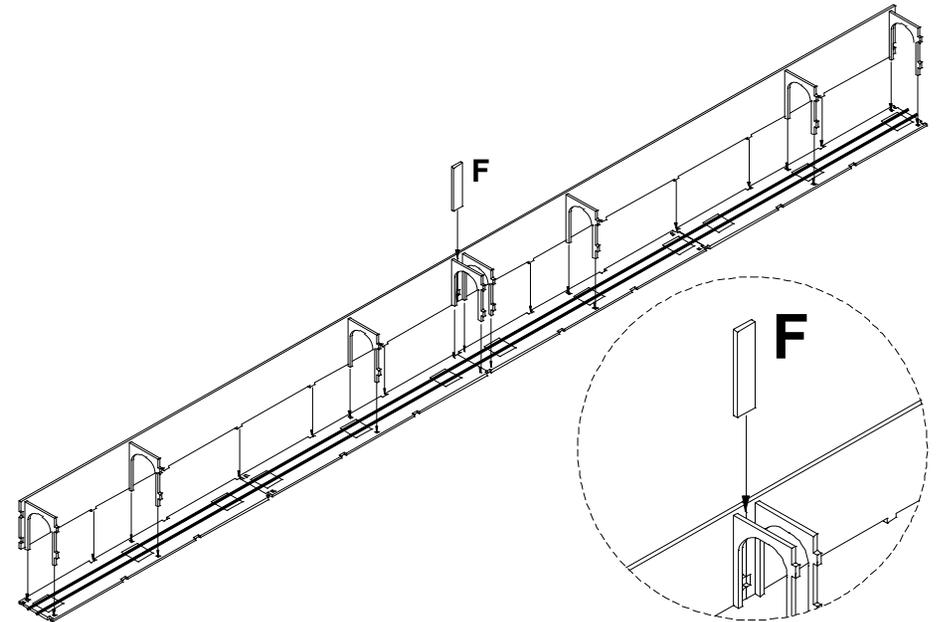
As the joined cassette will be 900mm long, it will take a full yard length of Peco Code 80 track. Fit the track as described in **Preparing The Track** above but note that for joined cassette you will need twelve sets of four sleepers. Do not worry at this stage if the Part A pieces do not butt against each other. Once all the sleepers are fitted into the squares in Part A, you can slide the parts along the rail until a close butt joint is achieved.

Take two Part D and cut 2mm off the bottom of each side. At the ends of each Part B that butt together to form the middle of the cassette, glue the two altered Part D to Part B and make sure that they are fitted into the full slots rather than the partial slots that are on the edge.

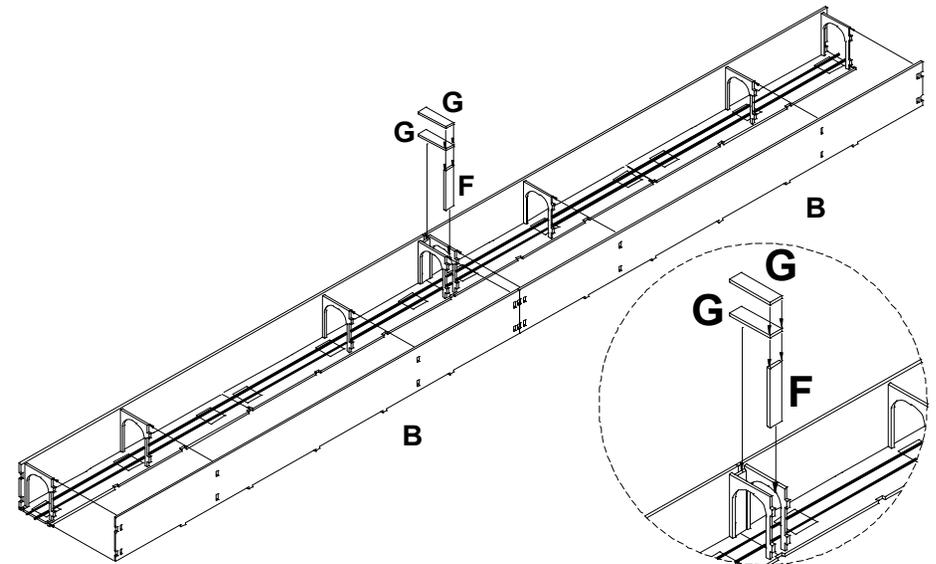
Glue three unaltered Part D into each of two Part B. Make sure that Part B is the correct way up. the five small tabs on this part should be at the bottom. At the ends of each Part B that will form the ends of the cassette, make sure that Part D is fitted into the full slots rather than the partial slots that are on the edge.



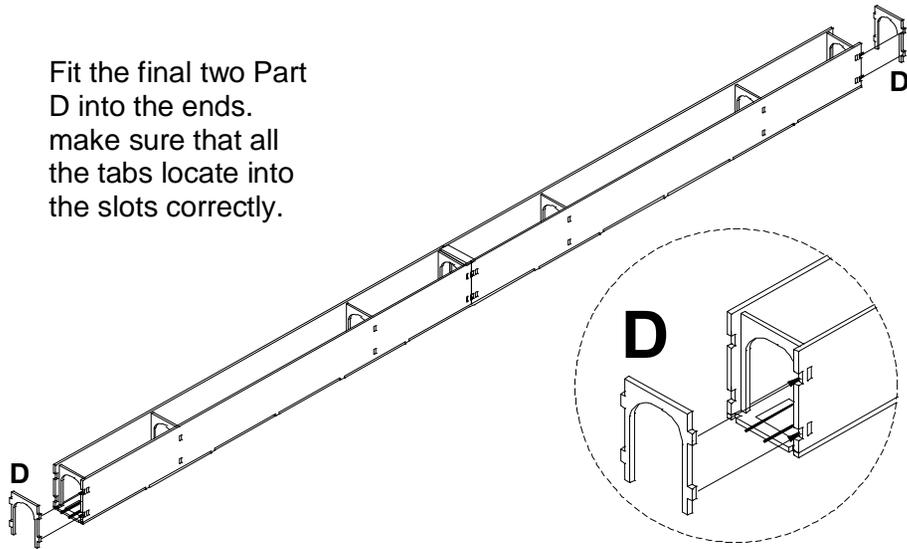
The next step is best done on a flat surface. Glue the Part B/D pieces to the Part A pieces. The Part A pieces should be butted tightly to each other. Make sure that the ends of the Part B with the altered Part D butt together in the middle. Take care to ensure that all tabs locate fully and that everything is square. Glue a Part F between the altered Part D so that it touches the Part B and Part A. It is important that Part F is glued to all the faces of these parts as it strengthens the joint where the sides (Part B) meet.



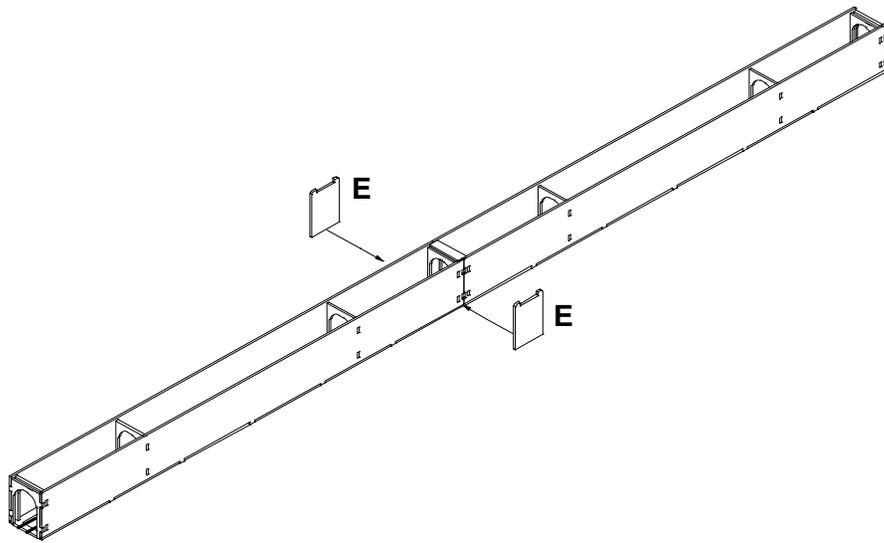
Glue two Part B to the other side of the cassette. Glue a Part F between the altered Part D pieces. Glue two Part G together then glue them to the cassette so that they sit on top of the Part F and between the altered Part D.



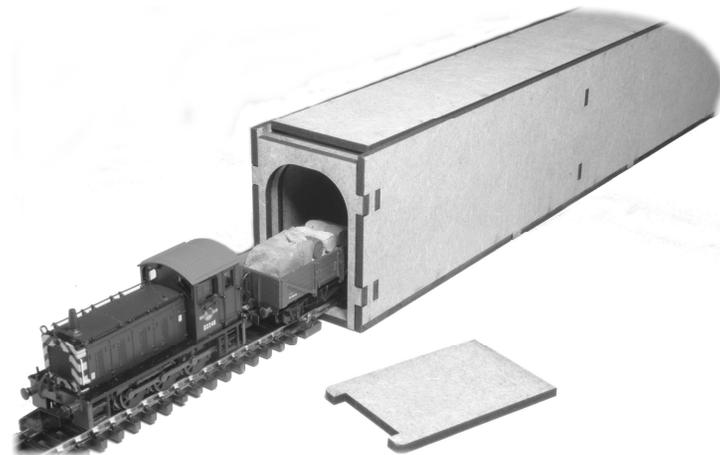
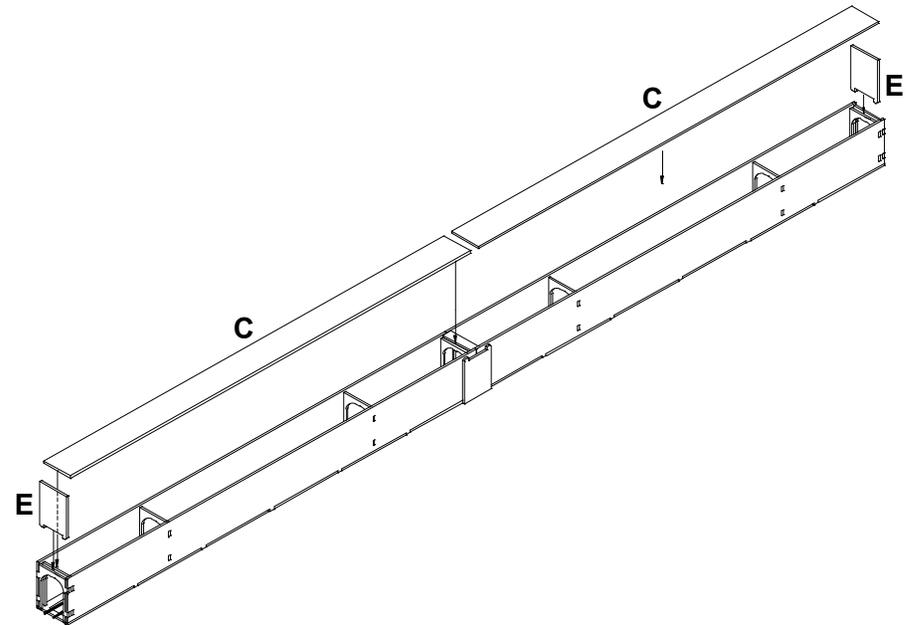
Fit the final two Part D into the ends. make sure that all the tabs locate into the slots correctly.



If you are likely to use the cassette for very heavy models (such as locomotives and stock using white metal) then it is advisable to add additional strength to the middle where the Part B pieces meet. There are two spare end protectors (Part E) which can be glued to the outside of the cassette, over the joint. Make sure that they also glue to the edge of the base (Part A) for maximum reinforcement.

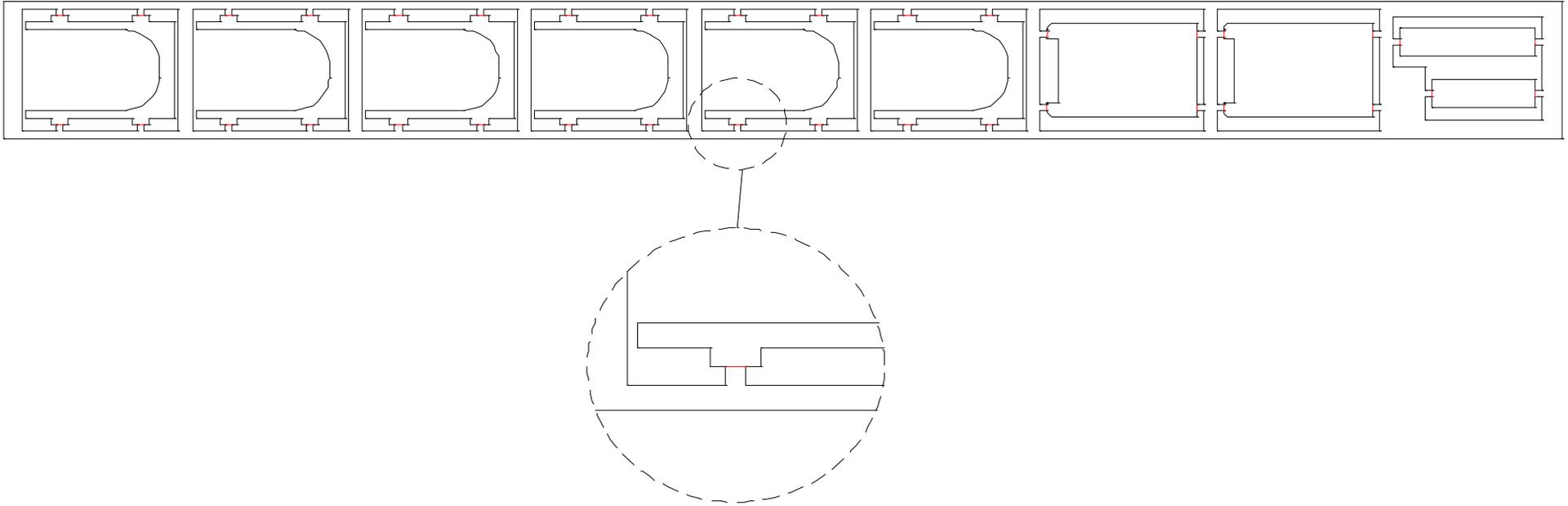


The remaining parts are NOT glued to the cassette. Part C are the end protectors to stop rolling stock falling out of the cassette when it is moved. These slide into the slot created by the two Part D at the end (the notch in the bottom of Part C goes at the bottom to fit over the rails). The Part C pieces rest on the top of the four of Part D either side of the middle (to act as a dust cover when the cassette is used for storage). To remove a Part C for access, gently press it in the middle. the ends of Part C bow upwards which enables it to be lifted off.



ADDENDUM

Please note that with the latest version of this kit, Parts D, E, F and G are now contained on a single fret for ease of packing and to protect the parts when posting.



The parts are joined to the fret by small tabs. Cut through the tabs using a sharp knife or a razor saw and if necessary, use some wet 'n' dry sandpaper to remove any remaining pieces of the tab. Take particular care when removing Part D in order to avoid breaking the thin area of this part.

Part C is now made from clear Perspex so that trains in the cassette are visible (helpful when you have several cassettes). Peel off the protective layer to reveal the Perspex underneath.