

### Ideas on how to use SFX Sound capsules with N gauge

Our SFX real sound capsules fit relatively easily into most OO or larger gauge models but wont quite fit in N without some modification, so here Tammy Palmer shows 2 examples of how you can fit SFX into N gauge stock so that you can experience real train sounds on your N gauge layout! Please note that the first example requires reasonable modelling skills using a sharp knife or saw to modify your model - Train-Tech cannot accept any responsibility for any damage or injury caused. If unsure ask for help from your local model club or shop.

### Fitting SFX into an N Gauge box van (a similar technique can be used to fit SFX in another wagon or coach).

The idea is to make a hole in the base of the van so that part of the SFX underhangs between the wheels. You probably need to use a long wheelbase wagon - we used a Graham Farish 373-053B VBA Box Van EWS



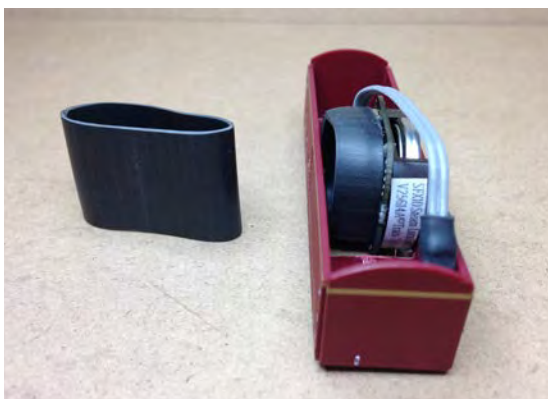
1 First remove the roof of the van body



2 Remove the body from the base - on this model it was glued on. I also cut off the roof mounting posts to give more room inside



3 Using a craft knife or mini saw carefully cut a small hole in the centre of the body floor. This is just an initial hole which will be made larger in the next stage



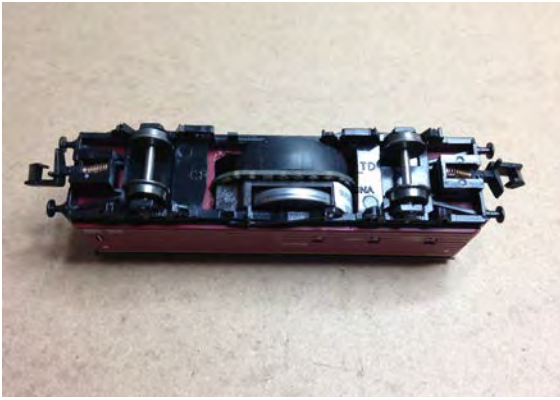
4 Attach the sound tube to the SFX and trim down the tube using scissors until it sits snugly inside the van. Then mark and enlarge the hole in the body floor to fit



5 Remove the metal weights from the base. Use the hole you made in the van body as a guide to cut the same size hole in the base



6 Be careful not to break the sides of the base



7 Fit the SFX inside and refit the base and wagon back together. You may need to use a bit of glue to refit the body onto the base.



8 I cut grooves out of roof edges to clear the speaker and battery and added a piece of blutack at each end so that the roof doesn't quite sit flush and allows sound to come out.



9 The finished wagon. This shows each side view and the small part of SFX you can see - it hardly shows and could be a legitimate part of the wagons undercarriage.



10 This picture shows the completed wagon with the slight underhang from the speaker and battery.

### Fitting SFX onto a flat wagon as an irregular load

The second example is simply fitting the SFX onto a flat truck as a load. You often see unusual loads being transported by rail such as transformers or flasks and SFX can be made to look like one of these. *Thanks to Train-Tech customer Alfred Russell who came up with this idea*

Our example uses a Graham Farish 377-730 ZAA Wagon Departmental (Dutch)



The SFX with sound tube is laid on the truck. Use blutack or plasticine to secure it.



You could also add some ropes (cotton or twine) or a tarpaulin over to give a more authentic look