

Trainorama 42 Class Loksound Select Install

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**** This instruction sheet was written for the Loksound Select Ver.1 ****

First release the underframe from the shell, this is achieved by sitting the locomotive on the table, nose pointing away from you, grasp the body shell with your thumbs on the roof and your finger tips under the side of the shell in front of the fuel tank. The front of the chassis should start to drop out and you can gently lift the body the rest of the way off.

Remove the DC blanking plug and the motor suppressor capacitor. Remove the four screws holding both speaker mounts. Remove the four black caps holding the yellow speaker wires to the circuit board.

Mark the wire connected to the right terminal of the speaker, this is the speaker positive.

Drill a suitable sized hole in each of the speaker enclosures and sand the mouth flat. Apply glue to the rim of the enclosure, thread wires through the hole and press speaker to rim until the glue sets and repeat with second speaker and plug holes with Blu-Tack.

Reattach speaker wires to circuit board by either the black plastic caps or soldering. If soldering, take the opportunity to solder all connections for the most reliable operation. Either glue or tape both speakers into position.

Either solder a connector onto the included 9 pin wiring harness or obtain a 9 pin to 8 pin adapter cable. The TCS #1043 1" harness is suitable as it solves the excess wire issue. Before fitting to the decoder, trim excess board from the end of the 8 pin board that has the black and grey pins. This allows clearance for the speaker plug.

Cut a 8 pin male-female plug in half to obtain a 4 pin, 2 by 2 plug. Suitable plugs are available from most DCC suppliers. I used a spare one supplied as a spacer with the NCE D14SR decoder. Make two jumpers from short length of small solid core wire bent into a U shape, insert and solder into the 4 pin plug, side by side. Solder the two brown wires from the back of the decoder, one to each of the jumpers. The brown wire soldered closest to the outside of the decoder is speaker negative. Insert both plugs into the circuit board, The orange wire on the 8 pin plug goes to pin one on the circuit board and the positive speaker pins on the 4 pin plug goes into the outer pins 10 and 12.

With a suitable twist in wiring harness the decoder will sit nicely on the vacant space on the circuit board and either Blu-Tack or tape in place. Place a small amount of Blu-Tack on the end of the stay alive capacitor, and stick to the rear of the chassis.