



STEPHEN JOHNSON MODELS

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RED ROCK 2450

EARLY DAYS / OLD BUGGERS REPLACEMENT CHASSIS KITS

Assembly instructions

These kits are designed to replace the brass solebar/axlebox castings that make up the underframe of the Far North Hobbies / Old Buggers early days kits.

This replacement kits comprise sufficient etched nickel silver W-irons and brass waisted bearings to suit either a 4 or 6 wheel wagon, a pair of generic solebar castings to match, along with the required number of spring / axle box castings.

1. Over-fold (bend to 180°) the W-iron tie-bar overlay *away* from the half-etched bend line so that it sits on top of the tie bar across the bottom of the W iron. Solder the overlays to the main etch.
2. Solder the waisted bearing into the holes on the W-iron etches noting that the flange of the bearing goes to the side with the half-etched fold lines.
3. Fold up the etched W-iron assemblies (bend to 90°) and apply solder to strengthen the fold lines.
4. Mark the centre line of the wagon on the bottom of the chassis. Measure the distance between the axles off the solebar and mark the locations of the axles on the chassis.
5. You will need to remove some of the cast-on beams under the chassis so the W-iron assemblies will fit against the floor. Remove this excess beam material.
6. Line up the W-iron assemblies with the previously marked centre line and axle locations.
7. After making sure all the W-iron assemblies correctly aligned, glue them in place. There are etched washers on the sprues if you want to screw rather than glue them to the chassis. Using at least one screw allows the W-iron assembly to be adjusted.
8. Clean the flash off the solebars and axlebox castings.
9. Glue the solebars to the chassis. If they are too long, an equal amount of material needs to be removed from each end.
10. Using a 2.2mm drill, open out the bearing hole slightly on each spring / axle box casting then check that it fits over the bearing. When happy with the fit, glue it to the W-iron.
11. Fit the wheels supplied in the original kit then prime and paint the assembled chassis.