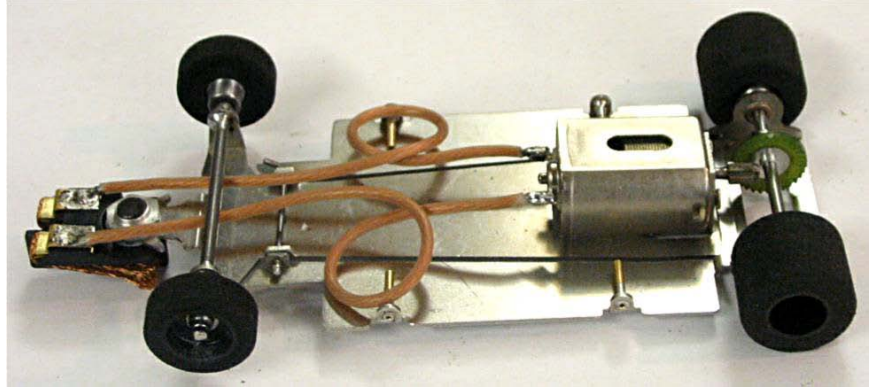


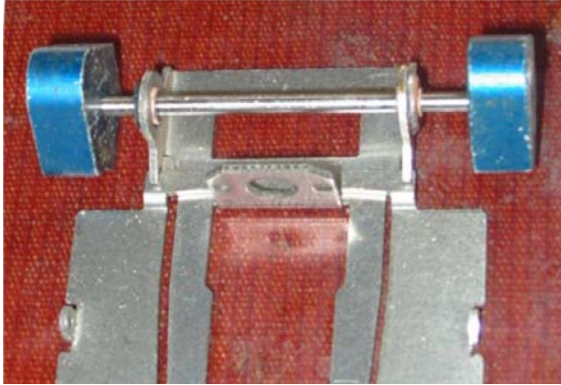
# JK PRODUCTS

## Stainless Steel 1/32 Formula One Chassis

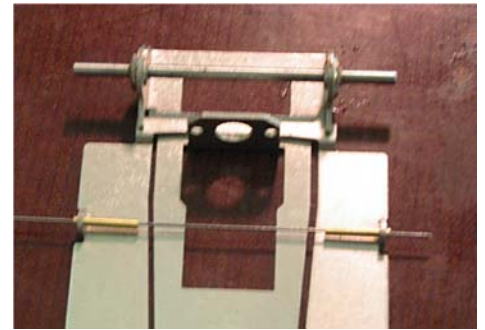
The JK 1/32 Formula One Chassis is a simple build and according to the rules you race with, it is possible to use different width front tyres. These instructions detail how to build the chassis and give a few tips to make it a fun, smooth running addition to your slot box.



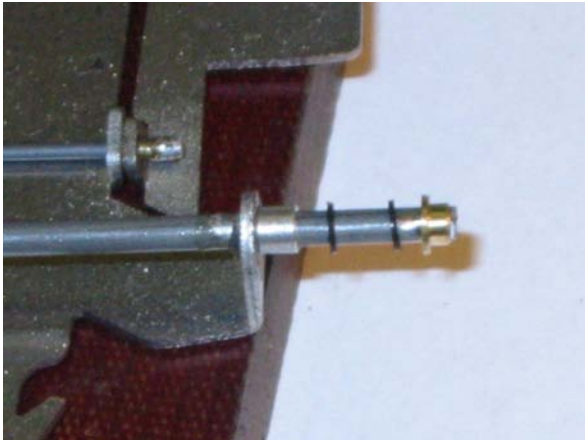
The rear axle oilite hole are 5mm diameter, allowing you to use 2mm axles with 5mm dia bushings or ballraces. Alternatively, use 3/32" x 3/16" bushing which are slightly smaller diameter and use either Ride Height jigs (as shown) or two identical diameter gears to ensure the axle installs parallel to the chassis. Solder bushing in place.



Install pre-cut pin tubes in the front and rear pin tube mounts. If you insert a thin piece of piano wire into the tubes, it makes it easy to align them. Solder pin tubes in place.



Moving to the front axle mounts, select a front axle of the correct length (check your rules for maximum width - this one is 68mm or 2.675"). Centre the axle and solder in place in the axle mounting (this will stop it rotating and rattling on the track). See photo on the left - Depending on your race rules, choose your front wheels (the ones fitted to this example are JK 8745D3 fronts, trued to 17.5mm diameter (0.690"). The tyre width in this example is 1/4" so a spacer has been added to give correct width and a Teflon spacer placed on both sides of the wheel, prior to soldering on the 3/32" top hat to retain the wheel on the axle. This gives you independently rotating fronts, essential for good handling!



The Pan Locator Wire needs to be locked in place, but must be attached to the pan section, not the centre section. In this example, one end is bent at 90 degrees and the other end has a short piece of stainless steel tube soldered over the wire to lock it in place.

The motor may be mounted with screws or soldered to the motor bracket. The gear ratio selected for this was 8 / 30 but select a ratio suitable for the track you race on. The chassis is quite light so you may find it is necessary to add lead ballast. If this is so, use self adhesive lead ballast on the pans and possibly on the front of the centre section under the front axle. Do not fix lead in a way that it will interfere with the pan movement.

