

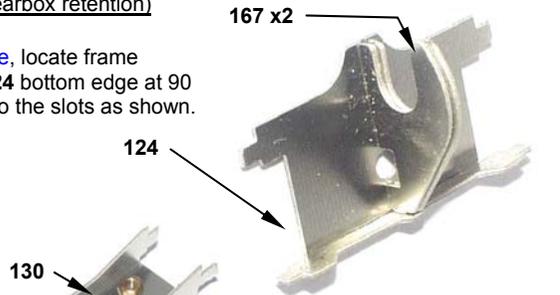
9F Loco Chassis

BUILD INSTRUCTIONS BR Std 9F 2-10-0

Jan 2017

Frame sub assemblies. (Rear Axle Gearbox retention)

If powering the chassis from the REAR axle, locate frame spreader **124** and claws **167x2**. Fold up **124** bottom edge at 90 degs as shown and assemble both claws to the slots as shown. Twist tabs to retain and solder. Clean off excess tabs and solder. Set aside for use later.



Frame sub assemblies.

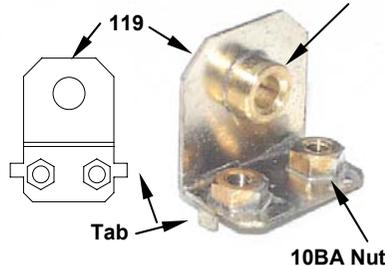
Pony Truck Brq stretcher

Locate frame stretcher **130** and solder **2 off 12BA nuts** to the etched pockets. Ensure threads remain free from solder. Fold up into channel and set aside for use later.



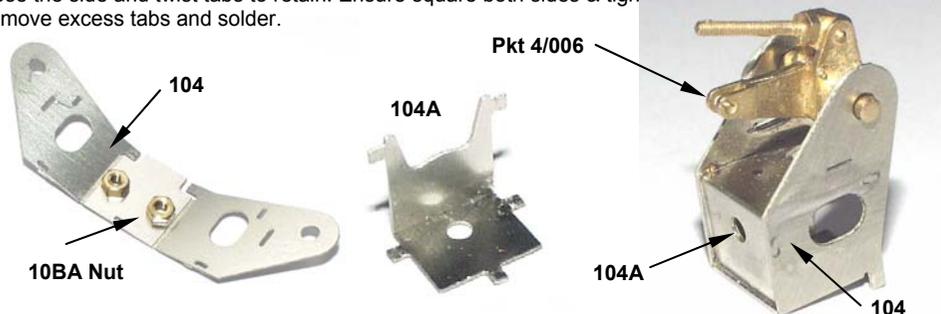
(Forward balance beam suspension)

Locate **119** and solder **2 off 10BA nuts** to the etched pockets. Ensure threads remain free from solder. Fold the two sections at 90 deg and apply a file of solder to stiffen the joint. Assemble a **2mm brg** to the hole as shown and solder. Ensure solder does not enter the brg. Fold down the two tabs at 90degs. Set aside for use later.

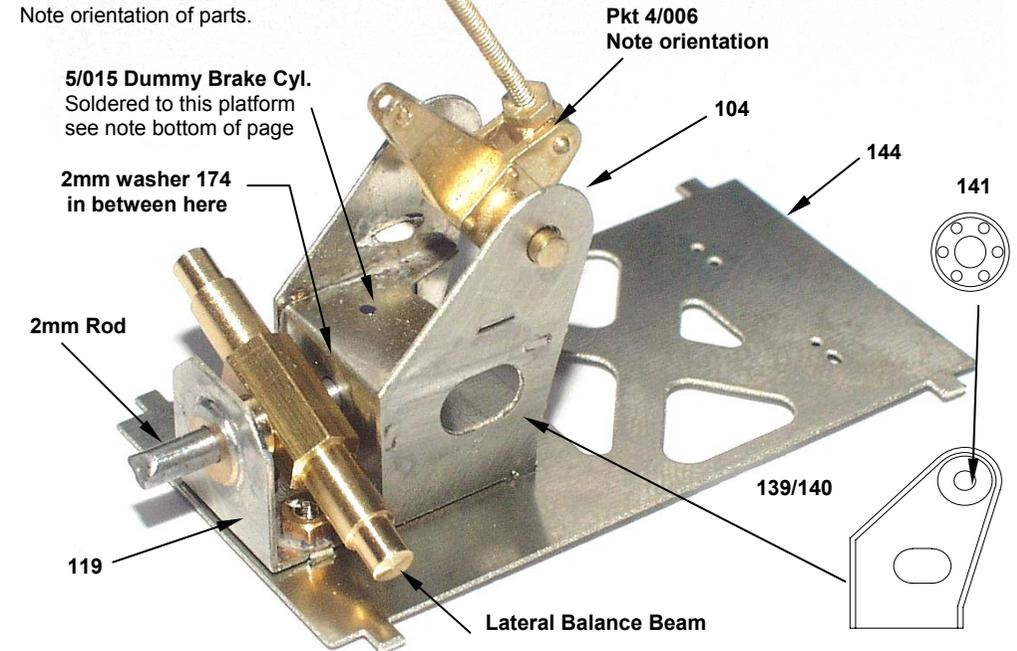


Locate **104** and solder **2 off 10BA nuts** to the etched pockets. Ensure threads remain free from solder. Fold up both wings at 90 degs including cast **Brake Lever Pkt 4/006**. Note orientation.

Locate **104A** and fold at 90deg as shown below. Assemble **104A** to **104**. Twist tabs to retain one side only. Locate the cast brake lever and clean up. Assemble to **104** be temporarily levering out one side. Close the side and twist tabs to retain. Ensure square both sides & tight. Remove excess tabs and solder.



Locate **144** chassis spreader and test assemble **104** and **119** to it. Ensure the tabs will enter their respective slots easily as space is restrictive between the frames. Secure with **4 off 10BA x3mm** cheese head screw. Note orientation of parts.



Locate the **Lateral Balance Beam** and a short length of **2mm rod**. Test assemble the Beam to **119/104** using the **2mm rod** as shown above. A **2mm washer (174)** may be fitted as shown between the beam and **104A**.

When satisfied with fit and running disassemble and solder overlays **139/140** to the side of **104**. Ensure registered and solder around the edge. Ensure lever **4/006** is still free to rotate. Similarly solder detail part **141 x2** to the shaft end position on **139/140** again ensure that the lever will still rotate freely.

Locate **5/015 Dummy Brake Cyl** and **6/050 Push Rod** and assemble as shown to the right. This step is optional as none of the parts are visible fully from the trackside but are included so that the lever is not left in mid-air.

