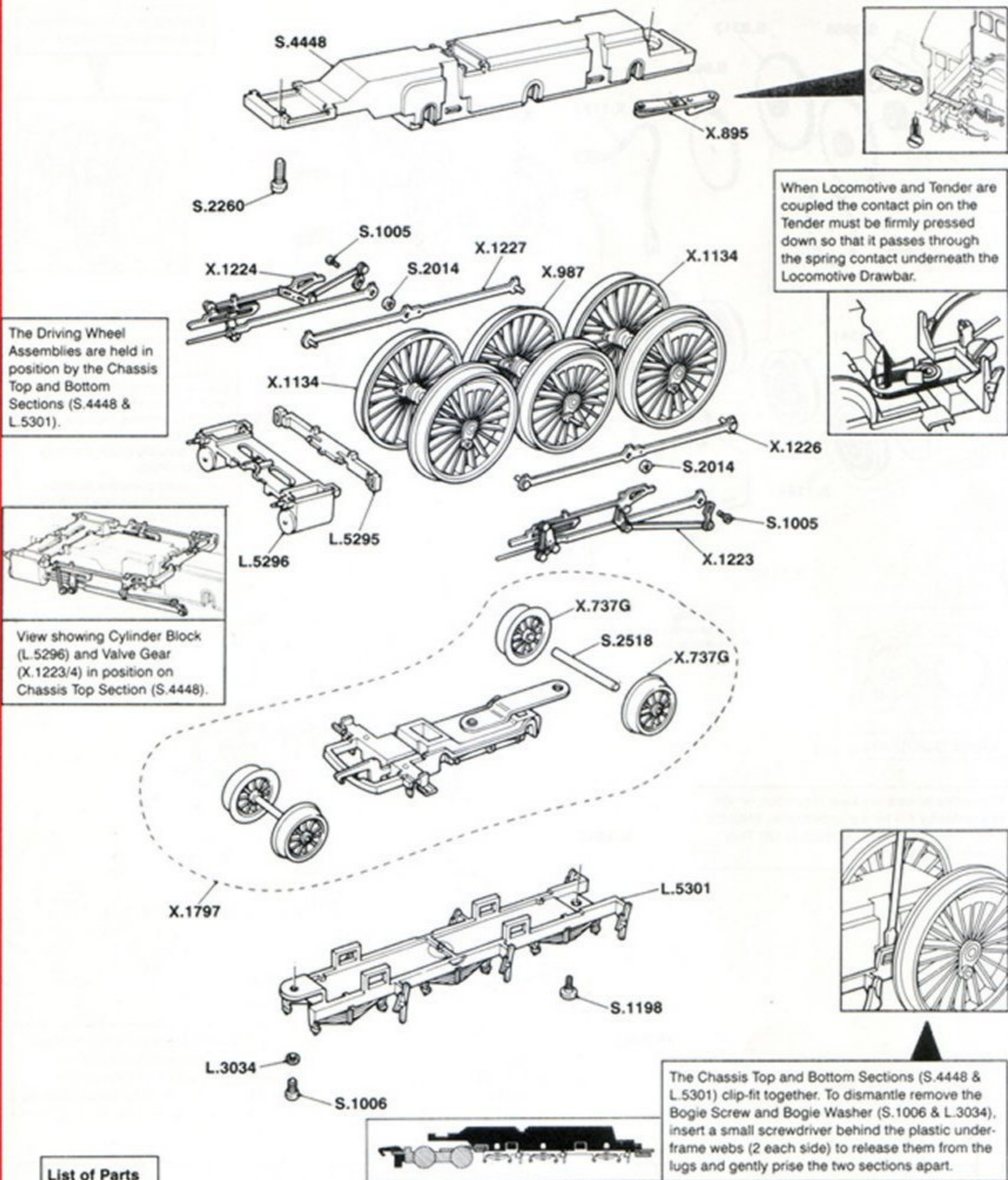


4-6-0 LOCOMOTIVE CLASS B17/4 "FOOTBALLER"



When Locomotive and Tender are coupled the contact pin on the Tender must be firmly pressed down so that it passes through the spring contact underneath the Locomotive Drawbar.

The Driving Wheel Assemblies are held in position by the Chassis Top and Bottom Sections (S.4448 & L.5301).

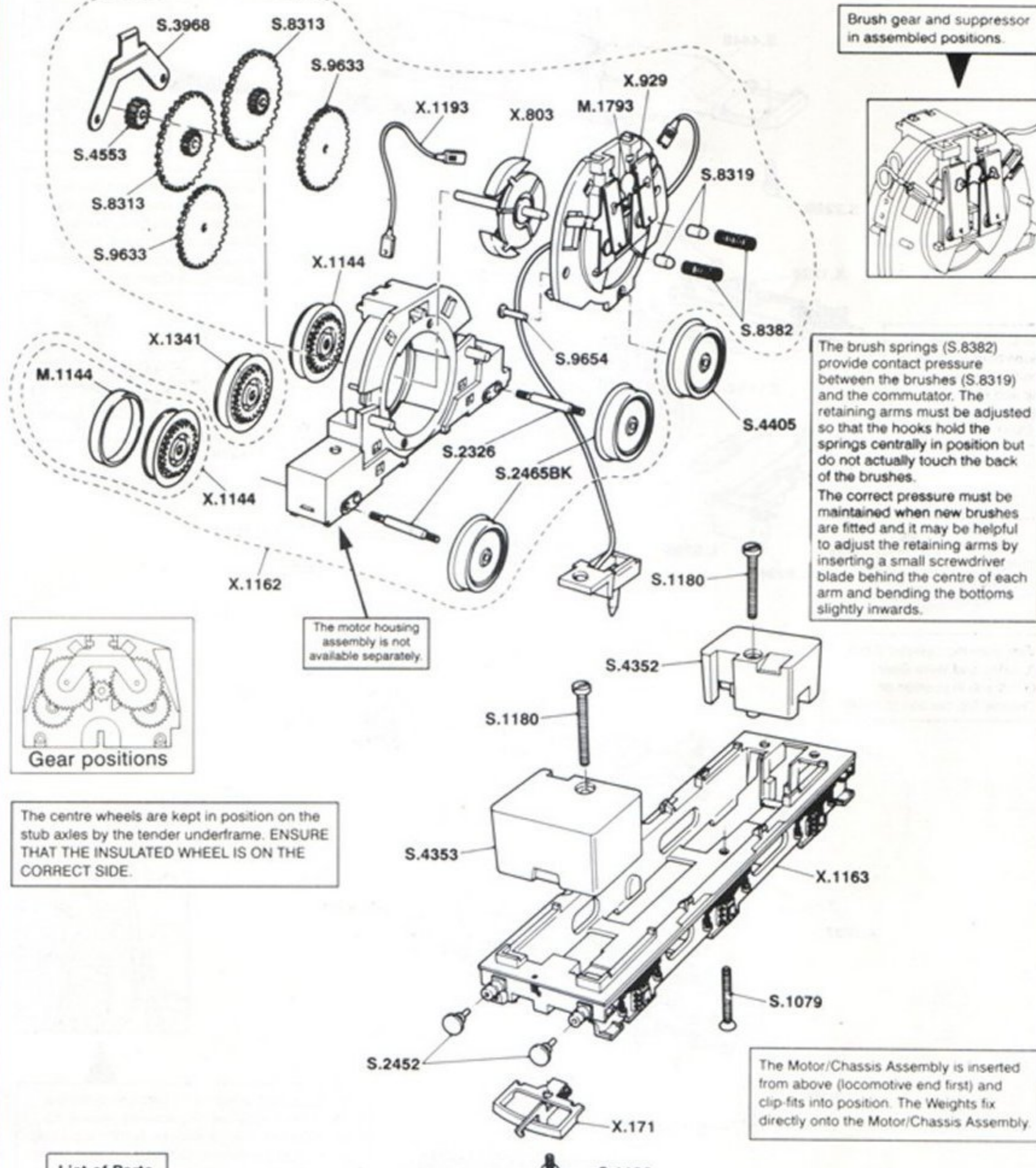
View showing Cylinder Block (L.5296) and Valve Gear (X.1223/4) in position on Chassis Top Section (S.4448).

The Chassis Top and Bottom Sections (S.4448 & L.5301) clip-fit together. To dismantle remove the Bogie Screw and Bogie Washer (S.1006 & L.3034), insert a small screwdriver behind the plastic underframe webs (2 each side) to release them from the lugs and gently prise the two sections apart.

List of Parts

Ref. No.	Item	Ref. No.	Item	Ref. No.	Item
X.737G	Wheel Assembly - Bogie	L.3034	Washer - Bogie	S.2518	Axle - Bogie
X.895	Drawbar Assembly	L.5295	Motion Bracket	S.4448	Chassis - Top Section
X.987	Driving Wheel / Axle Assembly - Centre	L.5296	Cylinder Block	Not Illustrated	
X.1134	Driving Wheel / Axle Assembly	L.5301	Chassis - Bottom Section	S.2345	Axle - Driving Wheel
X.1223	Valve Gear Assembly - L.H.	S.1005	Screw - Valve Gear	S.2382	Axle Bearing
X.1224	Valve Gear Assembly - R.H.	S.1006	Screw - Bogie	S.8397	Insulating Bush
X.1226	Coupling Rod - L.H.	S.1198	Screw - Drawbar	S.8784	Vacuum Pipe
X.1227	Coupling Rod - R.H.	S.2014	Distance Piece		
X.1797	Bogie Assembly Complete	S.2260	Screw - Body Fixing		

TENDER DRIVE FOR 4-6-0 LOCOMOTIVE CLASS B17/4



Brush gear and suppressor in assembled positions.

The brush springs (S.8382) provide contact pressure between the brushes (S.8319) and the commutator. The retaining arms must be adjusted so that the hooks hold the springs centrally in position but do not actually touch the back of the brushes. The correct pressure must be maintained when new brushes are fitted and it may be helpful to adjust the retaining arms by inserting a small screwdriver blade behind the centre of each arm and bending the bottoms slightly inwards.



The centre wheels are kept in position on the stub axles by the tender underframe. ENSURE THAT THE INSULATED WHEEL IS ON THE CORRECT SIDE.

The motor housing assembly is not available separately.

The Motor/Chassis Assembly is inserted from above (locomotive end first) and clip-fits into position. The Weights fix directly onto the Motor/Chassis Assembly.

List of Parts

Ref. No.	Item	Ref. No.	Item	Ref. No.	Item
X.171	Coupling Unit Assembly	M.1144	Traction Tyre	S.4352	Weight - Front
X.803	Armature Assembly	M.1793	Suppressor	S.4353	Weight - Rear
X.929	Brush Retaining Arm Assembly	S.1079	Screw - Motor/Chassis Fixing	S.4405	Centre Wheel - Metal
X.1144	Driving Wheel - Tyred	S.1180	Screw - Weight Fixing	S.4553	Spur Gear - 11 Tooth
X.1162	Motor/Chassis Assembly	S.1196	Screw - Coupling Unit Assembly	S.8313	Spur Gear - 40/10 Tooth
X.1163	Tender Chassis Assembly	S.8319	Axle	S.8319	Carbon Brush
X.1193	Wire Lead Assembly	S.2326	Driving Wheel - Metal	S.8382	Brush Spring
X.1341	Driving Wheel - Centre	S.2452	Buffer - Round Head	S.9633	Spur Gear - 33 Tooth
		S.2465BK	Driving Wheel - Metal	S.9654	Stub Axle
		S.3968	Gear Retainer		