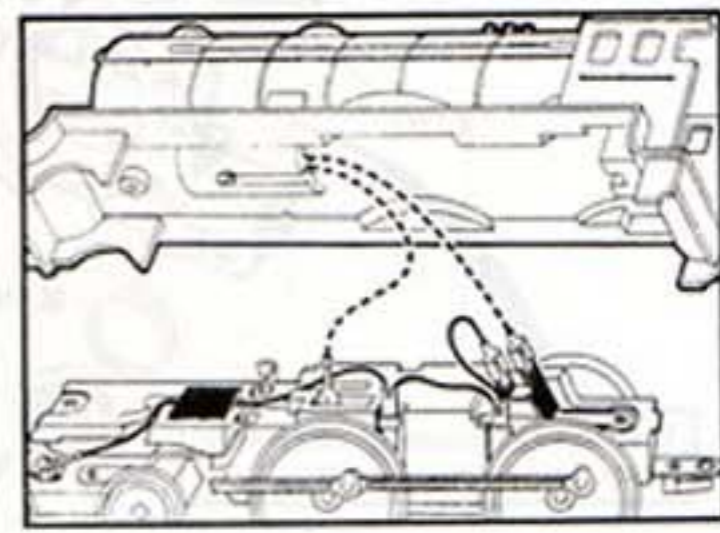
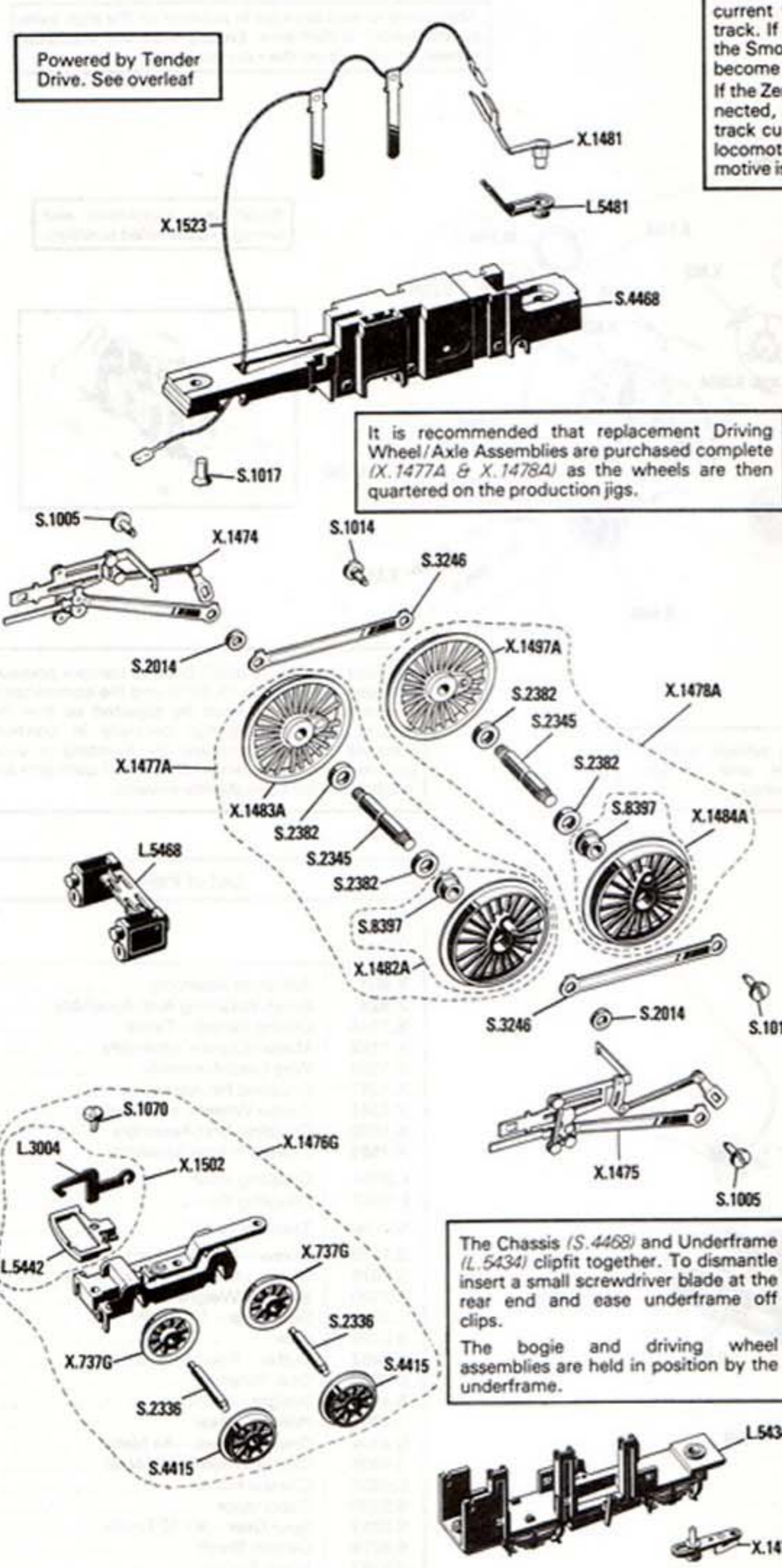


4-4-0 L.N.E.R. Locomotive—R.378 "Cheshire"

Powered by Tender Drive. See overleaf

Smoke Unit. The tender drive unit will absorb most of the current when the locomotive/tender assembly is on 'live' track. If the locomotive is left on the track without its tender the Smoke Unit may receive excessive current, overheat and become damaged. If the Zero 1 System is in use the Smoke Unit, if properly connected, will not be affected by the permanent 18 volt A.C. track current, but Smoke Unit overheating may result if the locomotive's Module number is called up whilst the locomotive is standing on the track without its tender.



List of Parts	
Ref. No.	Item
X.737G	Bogie Wheel—Insulated—R.H.
X.1474	Valve Gear Assembly—R.H.
X.1475	Valve Gear Assembly—L.H.
X.1476G	Bogie Assembly.
X.1477A	Front Driving Wheel/Axle Assembly ..
X.1478A	Rear Driving Wheel/Axle Assembly ...
X.1479	Drawbar Assembly.
X.1481	Terminal Connector.
X.1482A	Front Driving Wheel—Bushed.
X.1483A	Front Driving Wheel—Unbushed.
X.1484A	Rear Driving Wheel—Bushed.
X.1497A	Rear Driving Wheel—Unbushed.
X.1502	Coupling Unit Assembly.
X.1523	Wiring Harness/Connector Assembly ..
L.3004	Coupling Hook.
L.5434	Underframe.
L.5442	Coupling Bar.
L.5468	Cylinder Block.
L.5481	Terminal Connector Seating.
S.1005	Screw—Valve Gear.
S.1014	Screw—Coupling Rod.
S.1017	Screw—Body Fixing.
S.1070	Screw—Coupling Unit.
S.2014	Distance Piece.
S.2336	Axle—Bogie.
S.2345	Axle—Driving Wheels.
S.2382	Axle Bearing.
S.3246	Coupling Rod.
S.4415	Bogie Wheel—All Metal—L.H.
S.4468	Chassis.
S.8397	Insulating Bush.
Items not illustrated	
R.521	Capsule Smoke Oil—5cc.
X.1472	Body Assembly.
X.1489	Smoke Unit Assembly.
S.2452	Buffer—Round Head.
S.6390	Fireman.
S.6391	Driver.
S.8784	Vacuum Pipe.

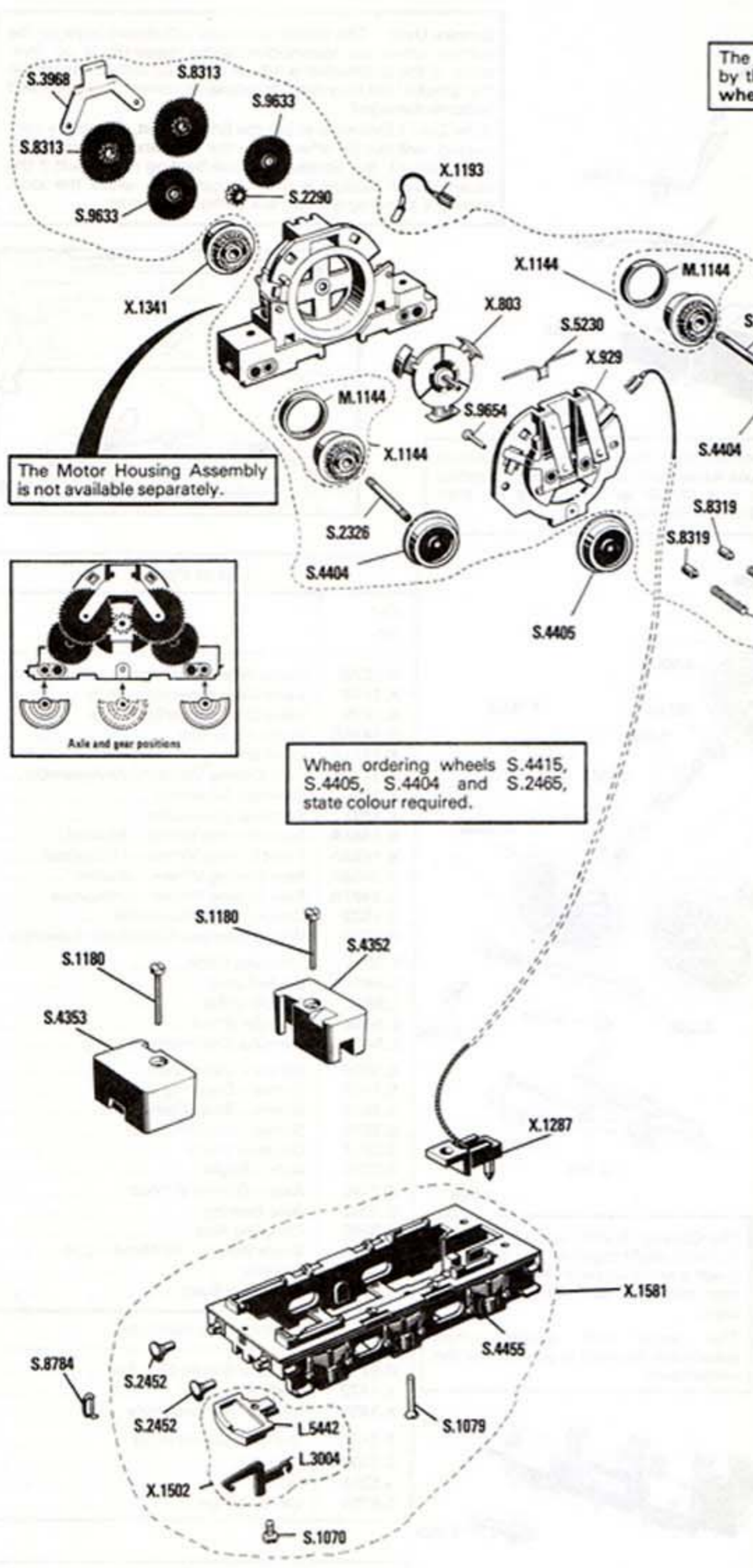
Modifications are made to models from time to time. If a spare part is required which does not coincide with the illustration, a full description should be given and, if necessary, a sketch or sample should accompany the order.

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.

HORNBY HOBBIES Hornby Service Centre, Westwood, Margate, Kent, CT9 4JX, England.

SERVICE SHEET No. 135
Issued October 1982

R.054 TENDER for R.378 LOCOMOTIVE "Cheshire"



List of Parts	
Ref. No.	Item
X.803	Armature Assembly.
X.929	Brush Retaining Arm Assembly.
X.1144	Driving Wheel—Tyred.
X.1162	Motor/Chassis Assembly.
X.1193	Wire Lead Assembly.
X.1287	Coupling Pin Assembly.
X.1341	Centre Wheel—Insulated.
X.1502	Coupling Unit Assembly.
X.1581	Chassis Frame Assembly.
L.3004	Coupling Hook.
L.5442	Coupling Bar.
M.1144	Traction Tyre.
S.1070	Screw—Coupling Unit.
S.1079	Screw—Motor Chassis Fixing.
S.1180	Screw—Weight Fixing.
S.2290	Spur Gear—11 Tooth.
S.2326	Axle.
S.2452	Buffer—Round Head.
S.3968	Gear Retainer.
S.4352	Weight—Front.
S.4353	Weight—Rear.
S.4404	Driving Wheel—All Metal.
S.4405	Centre Wheel—All Metal.
S.4455	Chassis Frame.
S.5230	Suppressor.
S.8313	Spur Gear—40/10 Tooth.
S.8319	Carbon Brush.
S.8382	Brush Spring.
S.8784	Vacuum Pipe.
S.9633	Spur Gear—33 Tooth.
S.9654	Stub Axle.
Item not illustrated	
X.1471	Tender Body Assembly.