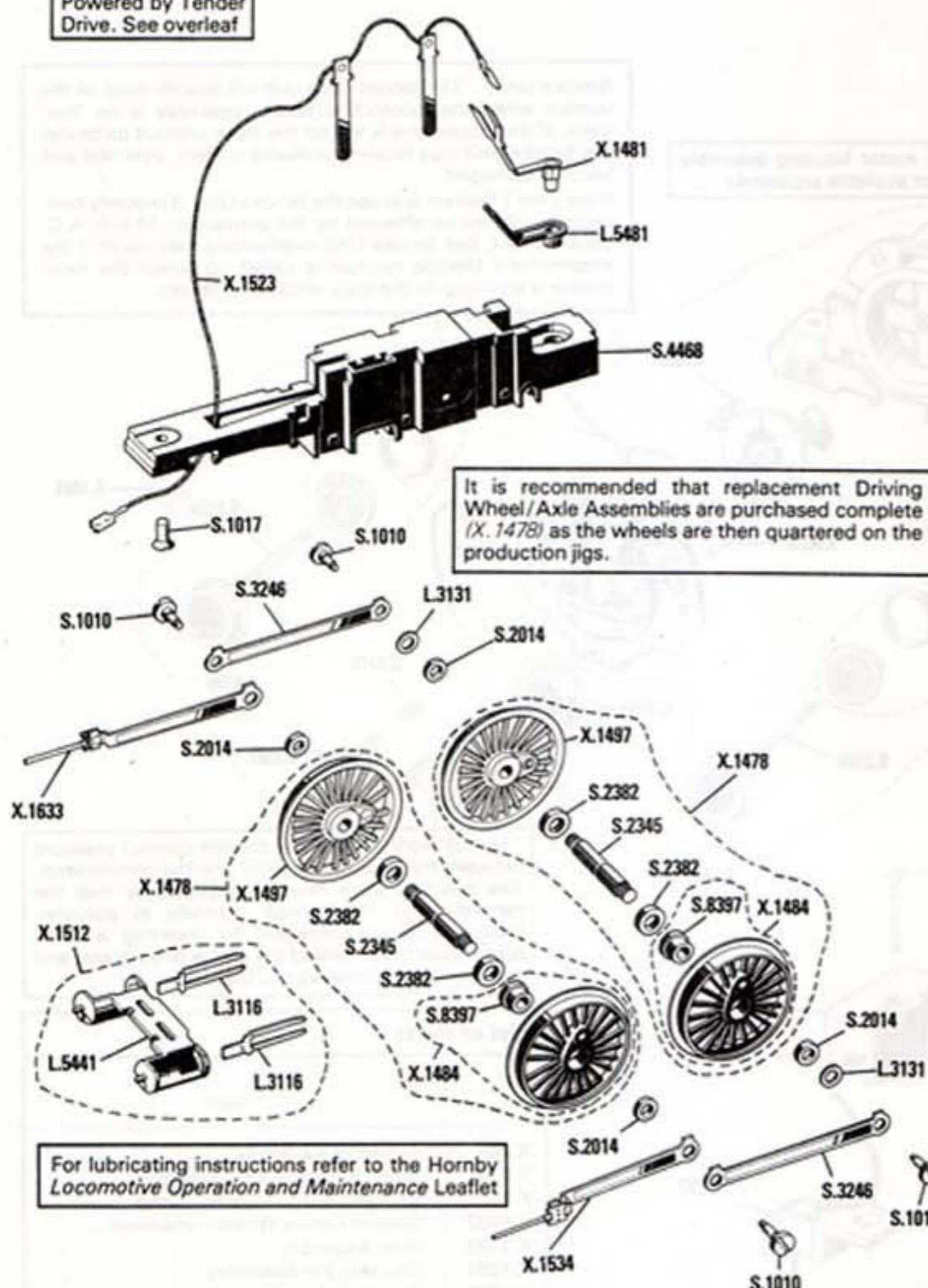
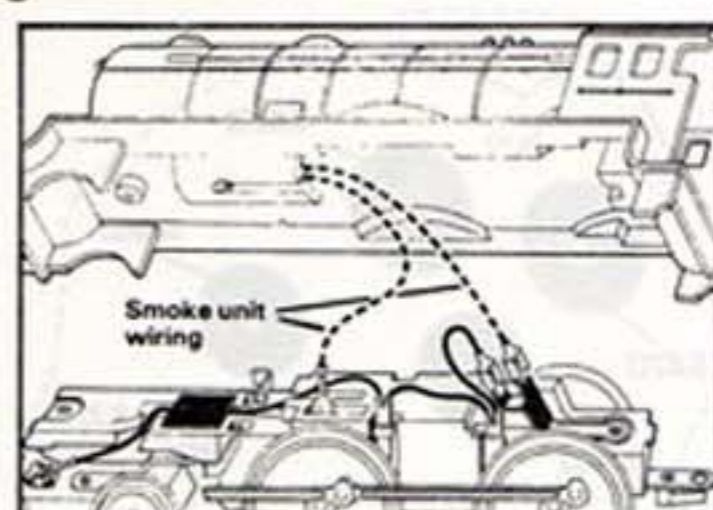


L.M.S. 4-4-0 COMPOUND LOCOMOTIVE R.376

Powered by Tender Drive. See overleaf



It is recommended that replacement Driving Wheel/Axle Assemblies are purchased complete (X.1478) as the wheels are then quartered on the production jigs.

For lubricating instructions refer to the Hornby Locomotive Operation and Maintenance Leaflet

The Chassis (S.4468) and Underframe (L.5434) clipfit together. To dismantle insert a small screwdriver blade at the rear end and ease underframe off clips. The bogie and driving wheel assemblies are held in position by the underframe.

List of Parts	
Ref. No.	Item
X.737	Bogie Wheel—Insulated—R.H.
X.1476	Bogie Assembly
X.1478	Driving Wheel/Axle Assembly
X.1479	Drawbar Assembly
X.1481	Terminal Connector
X.1484	Driving Wheel—Bushed—L.H.
X.1497	Driving Wheel—Unbushed—R.H.
X.1502	Coupling Unit Assembly
X.1512	Cylinder Block Assembly
X.1523	Wiring Harness/Collector Assembly ..
X.1534	Crosshead Assembly—L.H.
X.1633	Crosshead Assembly—R.H.
L.3004	Coupling Hook
L.3116	Crosshead Guide
L.3131	Spacer
L.5434	Underframe
L.5441	Cylinder Block
L.5442	Coupling Bar
L.5481	Terminal Connector Seating
S.1010	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.1489	Smoke Unit Assembly
X.1510	Body Assembly Complete
S.2453	Buffer—Round Head
S.6390	Fireman
S.6391	Driver
S.8784	Vacuum Pipe

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.

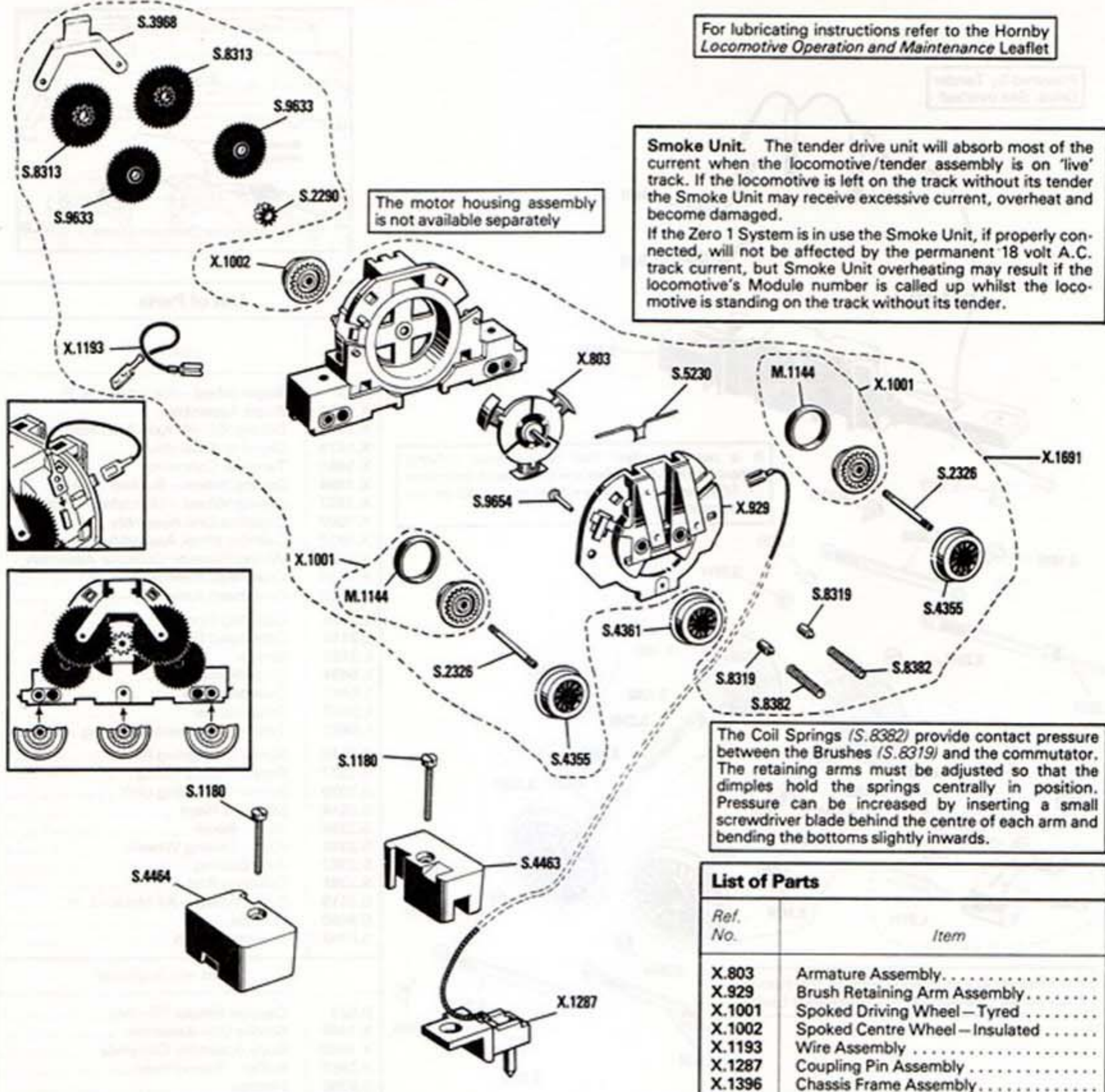
Modifications are made to models from time to time. If a spare part is required which does not coincide with the illustration, a full description should be given and, if necessary, a sketch or sample should accompany the order.

HORNBY HOBBIES Westwood, Margate, Kent, CT9 4HZ, England.

SERVICE SHEET No. 134
Issued December 1981

R.377 TENDER FOR COMPOUND LOCOMOTIVE

For lubricating instructions refer to the Hornby Locomotive Operation and Maintenance Leaflet



The motor housing assembly is not available separately

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.

The Coil Springs (S.8382) provide contact pressure between the Brushes (S.8319) and the commutator. The retaining arms must be adjusted so that the dimples hold the springs centrally in position. Pressure can be increased by inserting a small screwdriver blade behind the centre of each arm and bending the bottoms slightly inwards.

The underframe keeps the centre wheels in position on the stub axes. Ensure that the insulated wheel is on the correct side.

List of Parts	
Ref. No.	Item
X.803	Armature Assembly
X.929	Brush Retaining Arm Assembly
X.1001	Spoked Driving Wheel—Tyred
X.1002	Spoked Centre Wheel—Insulated
X.1193	Wire Assembly
X.1287	Coupling Pin Assembly
X.1396	Chassis Frame Assembly
X.1502	Coupling Unit Assembly
X.1691	Motor Chassis 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.2453	Buffer—Round Head
S.3968	Gear Retainer
S.4355	Spoked Driving Wheel—All Metal
S.4361	Spoked Centre Wheel—All Metal
S.4462	Chassis Frame
S.4463	Weight—Front
S.4464	Weight—Rear
S.5230	Capacitor
S.8319	Spur Gear—40/10 Tooth
S.8313	Carbon Brush
S.8382	Brush Spring
S.8784	Vacuum Pipe
S.9633	Spur Gear—33 Tooth
S.9654	Stub Axle
Item not illustrated	
X.1507	Tender Body Assembly

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