JNR D51 - 2010 Edition（Standard）

The Japan National Railway D51 ("DEGO-ICHI") are the most popular steam locomotives in Japan. These Mikado locomotives served all over Japan from Karafuto (Sakhalin), Hokkaido to Kyushu, and Taiwan.　They were not only freight locomotives but also were used as

a freight locomotive but also as a passenger locomotive, both before and after the war. Various manufacturers, including major JNR factories, produced the D51, with the first unit built in 1936, and a total of 1,115 units produced.

The D51 is broadly classified into three types. Early models featured a streamlined dome integrating the heater, steam dome, and sand dome. Standard models had the heater moved to the front of the chimney for easier maintenance. Later, wartime models were manufactured.

The first model in this edition(2007) from Aster is the D51, the first D51 with a streamlined dome to be put into service on the Japanese mainland, but this model (2010edition) recreates the most widely produced "standard type." The D51 was perhaps the most popular steam locomotive in Japan. The only surviving locomotive is maintained by JR East and is still in active service, occasionally pulling tourist trains in eastern Honshu. Passenger locomotives from both the pre-war and post-war eras.

Specifications

Scale/Gauge: 1/30, NO.1 GAUGE (45 mm)

Weight: 7.8kg(5.5kg+2.3kg)

Length: 695mm(460mm+260mm)

Width: 107mm

Height: 140mm

Wheel Arrangement: 2 - 8 - 2 (Mikado)

Driving Wheel: 49mm

Pilot and Trailer Truck Wheel: 32mm

Tender Truck Wheel: 32mm
Axle Driven Pump: BORE 5 mm x STROKE 6 mm

Cylinder: 2 cylinders FUNCTIONAL DRAIN VALVE FITTED

Valve Gear: Walschaert

Boiler Type: C type

Water Capacity: 300ml at 70%full

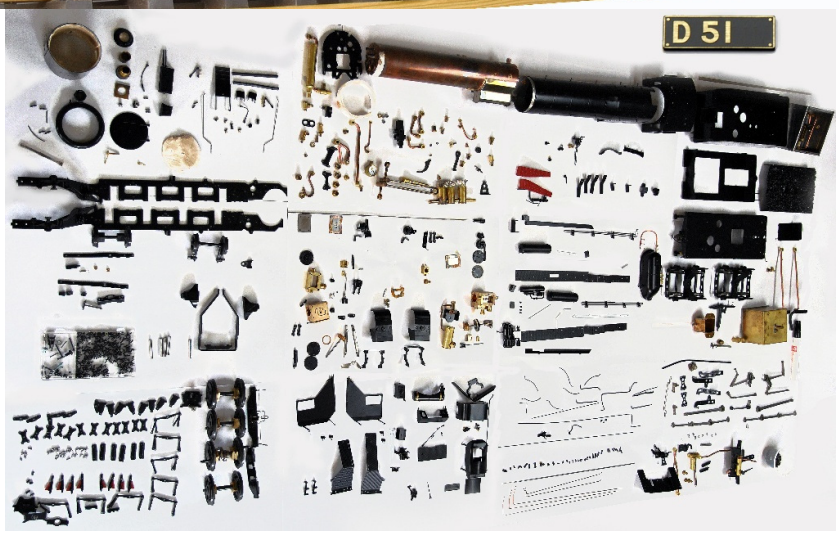
Boiler Fittings: 2 x safety valves, water gauge, pressure gauge, whistle, throttle and blower valves, by-pass valve blow-down valve, super heater

Lubricator: ROSCOE DISPLACEMENT TYPE

Tender: HAND OPERATION PUMP (BORE 11 mm × STROKE 15 mm）

Water Tank Capacity: 400ml

Fuel: Methyl alcohol

Fuel Capacity: 200ml

Minimum Radius: 2m