HINO MARINE
Diesel PARTS

MARINIZED
N. HARBOR Diesel & Yacht
Service (360) 293-5555
www.NORTHHARBORDIESEL.COM

EVERETT, WA
KIEM@BLUERIDGEMARINE.COM
(503) 621-2215

NON-MARINIZED PARTS
AVAILABLE at Hino
Truck Dealers NATIONWIDE

Hino Spe

HP 4-cycle, 6-cylinder (
nuous cruise RPM – 2800, r
isplacement – 393 ci (6.4
troke – 4.33 x 4.45 inches
Compression ratio – 17.
Firing Order – 1-4-2-6-
d engine : Exhaust 0.016 in
0.30 mm
Injection Timing – 15 deg
Weight (w/ trans) – 1450
Oil Capacity – 10.6 quarts (
olant Capacity – 25.6 quarts

Air Filter – K+N RU-09
Filter – Hino 15607-1521 M
icksilver 836071521 Fram
99-9999 (new #23401-1
834999999
el filter/Water Seperater -
Alternator Belt - NAPA 25-
Waterpump Belt - NAPA 25
Raw Water Pump – Kashiyama
Impeller – Hino 16131-1350, Jabsc

Hino Specs

175 HP 4-cycle, 6-cylinder (6-393N)
Recommended continuous cruise RPM – 2800, maximum rpm in gear 3,000
Displacement – 393 ci (6.44 Liters)
Bore and stroke – 4.33 x 4.45 inches (110 x 113 mm)
Compression ratio – 17.9 : 1
Firing Order – 1-4-2-6-3-5
Valve Adjustment – cold engine : Exhaust 0.016 in / 0.40 mm, Intake 0.012 in / 0.30 mm
Injection Timing – 15 deg BTDC
Weight (w/ trans) – 1450 lbs 1600
Oil Capacity – 10.6 quarts (10 liters)
Coolant Capacity – 25.6 quarts (25 liters)

Air Filter – K+N RU-0960
Oil Filter – Hino 15607-1521 NAPA 1282
Quicksilver 836071521 Fram CH2877
Sec. Fuel Filter – Hino 23499-9999 (new #23401-1290) NAPA 3260; Quicksilver 35-834999999
Primary fuel filter/Water Seperater - Baldwin BF1204
Alternator Belt - NAPA 25-22545
Waterpump Belt - NAPA 25-22443
Raw Water Pump – Kashiyama 1690-1659R
Impeller – Hino 16131-1350, Jabsco 31130-0061

<u>Regular Maintenance Table</u>
This is copied from the 4 cylinder Operation Handbook, should apply to all Hinos.

Engine
Valve Clearance – check and adjust – every 500 hours
Compression pressure – check 1000 hours
Cylinder head bolts – check and retighten – every 1000 hours
Engine Mounting bracket bolts – check and retighten – every 1000 hours

Air Intake and Exhaust
Intake and Exhaust manifold mounting bolts – check and retighten – every 1000 hours
Oil pan bolts, etc – check and retighten – every 1000 hours
Air Cleaner – check and clean 120 hours, replace 250 hours
Intercooler – check and clean every one year

Turbocharger

Security of bolts, nuts, fasteners – check every 120 hours
Rotation of rotor and impeller – check every 250 hours
Play in rotor – check every 250 hours
Leak inspection of turbo lube system – check every 120 hours

Lubrication System

Oil level – daily check
Oil filter – every 120 hours (replace at every oil change)

Fuel System

F.I. nozzle pressure – check, clean and adjust – every 500 hours
Injection timing – check and adjust – every 500 hours
Water Separator – check and drain – daily
F.I. pump coupling – every 500 hours
Fuel filter – replace every 120 hours
Fuel feed pump strainer – check and clean – every 120 hours
Fuel tank – check and clean "strainer at the suction port of the fuel tank" – every 500 hours
Fuel tank – check and drain water – every 120 hours
Fuel tank level – daily
Fuel Hose – replace every 2 years

Cooling System

V-belt – check and adjust – every 30 hours
Replace coolant – every 6 months
Cooling system – clean every 6 months
Heat Exchanger – check and clean – every 1 year
Coolant amount – daily inspection
Thermostat function – check every 500 hours
Coolant pump rubber hose – Replace every 2 years
Sea water pump – check and clean – every 1 year

Electrical System

Battery electrolyte level – check every 30 hours
Electrolyte specific gravity – 120 hours or every 6 months
Starter – check every 1year
Alternator – check every 1year
Glow plug – "before winter season check the function"
Emergency Stop relay system – check every 6 months

****

Useful Links

Hino parts, prices, where to buy.....

Depco - Hino Raw water pumps -
http://www.depcopump.com/catalog106/PAGE84.PDF

K&N air filters search page - http://www.knfilters.com/search/appsearch.aspx
Seach with capitals-numbers "XX-9999"

Faria instument link (with downloadable trouble shooting guide)-
http://www.faria-instruments.com/index-new.html

Hino Dealership Locator (to find parts near you)- http://www.hino.com/dealers/

Lenco oil coolers - http://www.lencocoolers.com/4.htm
Remember to get the high pressure (class 2) versions if you have a Twin Disc transmission.

3270

Navigation Lights

Hella Marine - www.hellamarine.com/

SB/Port Bulb - "Double Index" (the pins do not line up) - 12V, 25W, 2.08A

West Marine "Trade #" - 10801

Last edited by RobertSchommer; 11-18-2008 at 08:03 PM. Reason: Fixed error with 250HP oil filter part #

Quote