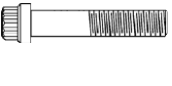


INTERNATIONAL



ENGINE: D179 Neuss (Early)

BORE: 3.875"	3 Cyl	Diesel	NOTES: Engines Built Thru 1979 / 4.667-4.677" O-Ring Groove Dia / 5.0 MM Liner O-Ring
APPLICATION: Forklifts: 4500; Tractors: 454, 464, 553, 2400A, 3400A; 484 Thru ESN D375917;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
								
	1	944139	In-Frame Kit, 15:1 STD Compression Ratio				I	
	1	944141	In-Frame Kit, 16:1 Hi-Compression Option				I	
	1	945139	Out-of-Frame Kit, 15:1 STD Compression Ratio		O			
	1	945141	Out-of-Frame Kit, 16:1 Hi-Compression Option		O			
	3	141229	Sleeve & Piston Assembly, 15:1 (Replace in Sets of 3)		O		I	
	3	141246	Sleeve & Piston Assembly, 16:1 (Replace in Sets of 3)		O		I	
	3	141232	Cylinder Liner (Includes O-Ring)					
	3	141233	Cylinder Liner O-Ring Package					
	1	141234	Cylinder Liner Shim, 0.05 MM					
	1	141235	Cylinder Liner Shim, 0.10 MM					
	1	141236	Cylinder Liner Shim, 0.25 MM					
	1	141237	Cylinder Liner Shim, 0.50 MM					
	1	141238	Cylinder Liner Shim, 0.80 MM					
	1	141244	Block Repair Sleeve, Lower Liner Pilot Bore					
	3	141239	Piston Ring Set, 3 Ring Piston w/Keystone Top Ring					
	3	141241	Piston Ring Set, 3 Ring Piston w/Rectangular Top Ring					
	3	141242	Piston Ring Set, 4 Ring Piston w/Keystone Top Ring					
	3	141243	Piston Ring Set, 4 Ring Piston w/Rectangular Top Ring					
	3	241157	STD Rod Bearing		O	O	I	I
	3	241158	.010 Rod Bearing					
	3	241159	.020 Rod Bearing					
	3	241161	.030 Rod Bearing					
	1	241182	STD Main Bearing Set		O	O	I	I
	1	241183	.010 Main Bearing Set					
	1	241184	.020 Main Bearing Set					
	1	241185	.030 Main Bearing Set					
	1	341182	Head Gasket Set		O	O	I	I
	1	341183	Head Gasket					
	1	341184	Head Gasket, 0.25 MM Thinner Than Standard (1)					
	6	341158	Positive Valve Stem Seal					
	1	341185	Valve Cover Gasket					
	1	341186	Lower Gasket Set w/Seals		O	O		
	1	341168	Rear Seal Housing Gasket					
	1	341187	Pan Gasket				I	I
	1	341164	Front Crank Seal					
	1	341165	Front Crank Seal Kit, Optional (Not in Gasket Sets)					
	1	341166	Rear Crank Seal					
	1	301113	Rear Wear Sleeve, Optional (Not in Gasket Sets)					
	3	241162	Piston Pin Bushing					
	1	241163	Cam Bearing Set (2)					
	6	741148	Rod Bolt					
	6	741149	Rod Nut					
	1	741172	Head Bolt Kit					

(1) Caution - Use Only When Piston Protrusion is Less than .022"

(2) Oversize Cam Bearing Sets Also Available

IH-179-A

8/1/2004

CLICK THE ITEM # TO VIEW OR PURCHASE PART

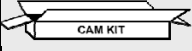
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ENGINE: D179 Neuss (Early)

BORE: 3.875"	3 Cyl	Diesel	NOTES: Engines Built Thru 1979 / 4.667-4.677" O-Ring Groove Dia / 5.0 MM Liner O-Ring
APPLICATION: Forklifts: 4500; Tractors: 454, 464, 553, 2400A, 3400A; 484 Thru ESN D375917;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	949522	Cam Kit					C
	1	949353	Basic Valve Kit				B	
	1	949153	Valve Train Kit				V	
	1	541158	New Camshaft					C
	1	541145	Cam Thrust Plate					
	6	541144	Tappet					C
	3	441176	Exhaust Valve		V		B	
	3	441177	Intake Valve		V		B	
	6	441178	Valve Guide		V		B	
	6	441179	Valve Spring		V		B	
	6	441181	Valve Rotator		V			
	12	441182	Valve Keeper (Half)		V		B	
	3	441183	Exhaust Valve Seat					
	3	441185	Exhaust Valve Seat, .006 Oversize					
	3	441184	Exhaust Valve Seat, .016 Oversize					
	3	401111	Intake Valve Seat					
	3	401112	Intake Valve Seat, .010 Oversize					
	3	441186	Exhaust Rocker Arm					
	3	441187	Intake Rocker Arm					
	6	441189	Rocker Arm Bushing, Fits Only Arms w/Bushings					
	1	441197	Rocker Arm Shaft					
	1	541146	Cam Timing Gear					
	1	541147	Crank Timing Gear					
	1	541148	Injection Pump Idler Gear					
	1	541149	Injection Pump Idler Gear Bearing Kit (3)					
	1	541152	Injection Pump Gear					
	6	541151	Push Rod					
	1	641145	Oil Pump					
	1	641146	Oil Pump Gear Set					
	1	741174	Crankshaft Kit: 454 Thru 21313; 454 w/HS Trans; 464 w/STD					
	1	741175	Crankshaft Kit: 454 Tractor After 21313; 484, 553 Tractor					
	1	741153	Cam Plug (2 3/4")					
	2	741154	Plug, Oil Galley (25 MM)					
	2	741155	Plug, Early Head External (50 MM)					
	2	741156	Plug, Late Head External (52 MM)					
	3	741154	Plug, Head Internal (25 MM)					
	3	841173	Brass Nozzle Sleeve					
	1	841174	Thermostat (180 Degree)					
	1	841181	Water Pump: Except 553 Tractor					
	1	841516	Water Pump: 553 Tractor					
	1	841187	Bypass Hose, w/Tube Type Water Manifold					
	1	841184	Bypass Hose, w/Cast Water Manifold					

(3)If Replacing Press-In Type Bearings Also Replace Idler Gear

IH-179-A

8/1/2004

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