

INTERNATIONAL



ENGINE: D239 Neuss (Early)

BORE: 3.875"	4 Cyl	Diesel	NOTES: Engines Built Thru 1979 / 4.667-4.677" O-Ring Groove Dia / 5.0 MM Liner O-Ring
APPLICATION:	Crawlers: TD7E Thru ESN 53692; Tractors: 544; 574, 2500 HS; 574, 2500 GD Thru ESN D103203; 664, 674;		
HS-Hydrostatic Trans	Tractors: 684 Thru ESN D475097; Early 2500A, 2500B, 2505B, 2510B, 2514B, 2544, 3500A-GD, 3514;		
GD-Gear Drive Trans	Tractors: 3500A-HS Thru ESN 182012; Loaders: 100E Thru ESN 53692; 125; 250A-GD Thru ESN 640235;		
TC-Torque Converter	Loaders: 250A-TC Thru ESN 700611; 250A-HS Thru ESN 646361; 260A-HS Thru ESN 653713;		
	Loaders: 260A-TC Thru ESN 706836; Windrowers: 4000, 5000, 5500, Thru ESN D021186;		

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	944153	In-Frame Kit, 15:1 STD Compression Ratio				I	
	1	944154	In-Frame Kit, 16:1 Hi-Compression Option				I	
	1	945153	Out-of-Frame Kit, 15:1 STD Compression Ratio		O			
	1	945154	Out-of-Frame Kit, 16:1 Hi-Compression Option		O			
	4	141229	Sleeve & Piston Assembly, 15:1 (Replace in Sets of 4)		O		I	
	4	141246	Sleeve & Piston Assembly, 16:1 (Replace in Sets of 4)		O		I	
	4	141232	Cylinder Liner (Includes O-Ring)				I	
	4	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					
	4	141239	Piston Ring Set, 3 Ring Piston w/Keystone Top Ring					
	4	141241	Piston Ring Set, 3 Ring Piston w/Rectangular Top Ring					
	4	141242	Piston Ring Set, 4 Ring Piston w/Keystone Top Ring					
	4	141243	Piston Ring Set, 4 Ring Piston w/Rectangular Top Ring					
	4	241157	STD Rod Bearing		O	O	I	I
	4	241158	.010 Rod Bearing					
	4	241159	.020 Rod Bearing					
	4	241161	.030 Rod Bearing					
	1	241168	STD Main Bearing Set		O	O	I	I
	1	241169	.010 Main Bearing Set					
	1	241171	.020 Main Bearing Set					
	1	241172	.030 Main Bearing Set					
	1	341171	Head Gasket Set		O	O	I	I
	1	341172	Head Gasket					
	1	341173	Head Gasket, 0.25 MM Thinner Than Standard (1)					
	8	341158	Positive Valve Stem Seal					
	1	341174	Valve Cover Gasket					
	1	341175	Lower Gasket Set w/Seals: Except Windrowers		O	O		
	1	341177	Lower Gasket Set w/Seals: 4000, 5000, 5500 Windrowers		O	O		
	1	341176	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)					
	4	241162	Piston Pin Bushing					
	1	241173	Cam Bearing Set, Original 5 Journal Cam (2)					
	1	241174	Cam Bearing Set, Late 3 Journal Replacement Cam (2)					
	8	741148	Rod Bolt					
	8	741149	Rod Nut					
	1	741162	Head Bolt Kit					

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

(2)Oversize Cam Bearing Sets Also Available

IH-239-A

3/15/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

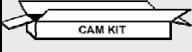
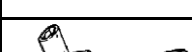
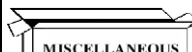
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	949521	Cam Kit, Original Design (5 Journals)					C
	1	949537	Cam Kit, Late or Replacement Design (3 Journals)					C
	1	949322	Basic Valve Kit				B	
	1	949122	Valve Train Kit				V	
	1	541155	New Camshaft, Original Design (5 Journals)					C
	1	541156	New Camshaft, Late or Replacement Design (3 Journals)					C
	1	541145	Cam Thrust Plate					
	8	541144	Tappet					C C
	4	441176	Exhaust Valve		V		B	
	4	441177	Intake Valve		V		B	
	8	441178	Valve Guide		V		B	
	8	441179	Valve Spring		V		B	
	8	441181	Valve Rotator		V			
	16	441182	Valve Keeper (Half)		V		B	
	4	441183	Exhaust Valve Seat					
	4	441184	Exhaust Valve Seat, .016 Oversize					
	4	401111	Intake Valve Seat					
	4	441186	Exhaust Rocker Arm					
	4	441187	Intake Rocker Arm					
	8	441189	Rocker Arm Bushing, Fits Only Arms w/Bushings					
	1	441192	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					
	8	541151	Push Rod					
	1	641136	Oil Pump: 544, 664, 2544 Tractors					
	1	641141	Oil Pump: 574, 2500, 674, 684, 724, 824, 4000, 5000, 5500					
	1	641137	Oil Pump Gear Set, External Pump (38.5 MM Wide)					
	1	641143	Oil Pump Gear Set, Internal Pump (30 MM Wide)					
	1	741134	Crankshaft					
	1	741163	Balancer Drive Gear, Late Engines (15.5 MM Wide)					
	1	741164	Balancer Assembly, Late Engines					
	2	741165	Balancer Shaft					
	1	741166	Balancer Gear Set, Late Engines (Use w/3132874R94)					
	1	741153	Cam Plug (2 3/4")					
	2	741154	Plug, Oil Galley (25 MM)					
	4	841173	Brass Nozzle Sleeve					
	1	841174	Thermostat (180 Degree)					
	1	841181	Water Pump: 574, 674, 684, 2500 Tractors					
	1	841182	Water Pump: 4000, 5000, 5500 Windrowers					
	1	841183	Water Pump: 544, 664, 2544 Tractors					

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