

INTERNATIONAL



ENGINE: D310 Neuss (Late)

BORE: 3.875"	6 Cyl	Diesel	NOTES: Engines Built After 1979 / 4.658-4.667" O-Ring Groove Dia / 4.75MM Liner O-Ring
APPLICATION: Combines: Late 715 After ESN D074602; Cotton Harvesters: 95 After ESN D066094; Cotton Pickers: Early 782 After ESN D076781; Forklifts: Late 9000; Pay Loggers: Late S9A; Tractors: 686 After ESN D082106; Hydro 86 After ESN D095615;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	944133	In-Frame Kit, 15:1 STD Compression Ratio				I	
	1	944134	In-Frame Kit, 16:1 Hi-Compression Option				I	
	1	945133	Out-of-Frame Kit, 15:1 STD Compression Ratio		O			
	1	945134	Out-of-Frame Kit, 16:1 Hi-Compression Option		O			
	6	141253	Sleeve & Piston Assembly, 15:1 (Replace in Sets of 6)		O		I	
	6	141254	Sleeve & Piston Assembly, 16:1 (Replace in Sets of 6)		O		I	
	6	141255	Cylinder Liner (Includes O-Ring)					
	6	141248	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					
	6	141239	Piston Ring Set, 3 Ring Piston w/Keystone Top Ring					
	6	141241	Piston Ring Set, 3 Ring Piston w/Rectangular Top Ring					
	6	141242	Piston Ring Set, 4 Ring Piston w/Keystone Top Ring					
	6	141243	Piston Ring Set, 4 Ring Piston w/Rectangular Top Ring					
	6	241157	STD Rod Bearing		O	O	I	I
	6	241158	.010 Rod Bearing					
	6	241159	.020 Rod Bearing					
	6	241161	.030 Rod Bearing					
	1	241135	STD Main Bearing Set		O	O	I	I
	1	241136	.010 Main Bearing Set					
	1	241137	.020 Main Bearing Set					
	1	241138	.030 Main Bearing Set					
	1	341156	Head Gasket Set				I	I
	1	341157	Head Gasket					
	1	341167	Head Gasket, 0.25 MM Thinner Than Standard (1)					
	12	341158	Positive Valve Stem Seal					
	1	341159	Valve Cover Gasket					
	1	341162	Full Gasket Set w/Seals		O	O		
	1	341161	Lower Gasket Set w/Seals					
	1	341168	Rear Seal Housing Gasket				I	I
	1	341163	Pan Gasket					
	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)					
	6	241162	Piston Pin Bushing					
	1	241134	Cam Bearing Set, Original 7 Journal Cam (2)					
	1	241163	Cam Bearing Set, Late 4 Journal Replacement Cam (2)					
	12	741148	Rod Bolt					
	12	741149	Rod Nut					
	1	741151	Head Bolt Kit					

(1)Caution - Use Only When Piston Protrusion is Less than .020"

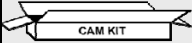
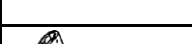
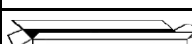
(2)Oversize Cam Bearing Sets Also Available

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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	949519	Cam Kit, Early Design (7 Journals)					C
	1	949536	Cam Kit, Late or Replacement Design (4 Journals)					C
	1	949323	Basic Valve Kit: Tractors; 715 Combine; S9A Logger; 9000 F-Lift			B		
	1	949351	Basic Valve Kit: 95 Cotton Harvester; 782 Cotton Picker			B		
	1	949123	Valve Train Kit: Tractors; 715 Combine; S9A Logger; 9000 F-Lift	V				
	1	949151	Valve Train Kit: 95 Cotton Harvester; 782 Cotton Picker	V				
	1	541142	New Camshaft, Original Design (7 Journals)					C
	1	541143	New Camshaft, Late or Replacement Design (4 Journals)					C
	1	541145	Cam Thrust Plate					
	12	541144	Tappet					C C
	6	441176	Exhaust Valve	V	V	B	B	
	6	441177	Intake Valve	V	V	B	B	
	12	441178	Valve Guide	V	V	B	B	
	12	441179	Valve Spring: Tractors; 715 Combine; S9A Logger; 9000 F-L		V		B	
	12	441191	Valve Spring: 95 Cotton Harvester; 782 Cotton Picker	V		B		
	12	441181	Valve Rotator	V	V			
	24	441182	Valve Keeper (Half)	V	V	B	B	
	6	441183	Exhaust Valve Seat					
	6	441185	Exhaust Valve Seat, .006 Oversize					
	6	441184	Exhaust Valve Seat, .016 Oversize					
	6	401111	Intake Valve Seat					
	6	401112	Intake Valve Seat, .010 Oversize					
	6	441186	Exhaust Rocker Arm					
	6	441187	Intake Rocker Arm					
	12	441189	Rocker Arm Bushing, Fits Only Arms w/Bushings					
	1	441188	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					
	12	541154	Push Rod					
	1	641136	New Oil Pump: Except 715 Combine					
	1	641139	New Oil Pump: 715 Combine					
	1	641137	Oil Pump Gear Set (38.5 MM Wide)					
	1	641138	Oil Cooler: 715 Combine; 95 Cotton Harv; 782 Cotton Picker					
	1	741159	Crankshaft, Except 715 Combine					
	24	741161	Balance Weight Bolt					
	1	741153	Cam Plug (2 3/4")					
	2	741154	Plug, Oil Galley (25 MM)					
	6	841173	Brass Nozzle Sleeve: Except 95 Harvester (.385" Tip Bore)					
	6	841178	Brass Nozzle Sleeve: 95 Cotton Harvester (.436" Tip Bore)					
	1	841174	Thermostat, Late Internal Type (180 Degree)					
	1	841177	Block Heater					
	1	841175	Water Pump					
	1	841176	Bypass Hose					
	2	841172	Oil Cooler Hose: 715 Combine; 95 Harvester; 782 Picker					

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

IH-310-E

3/15/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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