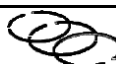
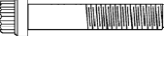


INTERNATIONAL



ENGINE: D301

BORE: 3.8125"	6 Cyl	Diesel	NOTES: Sleeveless Engine
APPLICATION: Combines: 403, 403 Hillside; Early 453 Hillside; 503; 715 Thru 23000;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
							
	1	944365	In-Frame Kit: 403, 403 Hillside, 503 Thru ESN 3562			I	
	1	944366	In-Frame Kit: Late 403 & 503; Early 453 Hillside & 715			I	
	1	945365	Out-of-Frame Kit: 403, 403 Hillside, 503 Thru ESN 3562	O			
	1	945366	Out-of-Frame Kit: Late 403 & 503; Early 453 Hillside & 715	O			
	6	141488	Piston Assembly, STD	O	O	I	I
	6	141489	Piston Assembly, .020				
	6	141486	Piston Ring Set, STD (1-1/8HK 1-1/8 1-1/4)	O	O	I	I
	6	141487	Piston Ring Set, .020 (1-1/8HK 1-1/8 1-1/4)				
	6	241186	STD Rod Bearing	O	O	I	I
	6	241187	.001 Rod Bearing				
	6	241188	.002 Rod Bearing				
	6	241189	.010 Rod Bearing				
	6	241191	.020 Rod Bearing				
	6	241192	.030 Rod Bearing				
	6	241193	.040 Rod Bearing				
	6	241194	.060 Rod Bearing				
	1	241214	STD Main Bearing Set (3 3/4" Thrust Flange Diameter)		O		I
	1	241215	.002 Main Bearing Set (3 3/4" Thrust Flange Diameter)				
	1	241216	.010 Main Bearing Set (3 3/4" Thrust Flange Diameter)				
	1	241217	.020 Main Bearing Set (3 3/4" Thrust Flange Diameter)				
	1	241218	.030 Main Bearing Set (3 3/4" Thrust Flange Diameter)				
	1	241195	STD Main Bearing Set (4" Thrust Flange Diameter)	O		I	
	1	241196	.002 Main Bearing Set (4" Thrust Flange Diameter)				
	1	241197	.010 Main Bearing Set (4" Thrust Flange Diameter)				
	1	241198	.020 Main Bearing Set (4" Thrust Flange Diameter)				
	1	241199	.030 Main Bearing Set (4" Thrust Flange Diameter) (1)				
	1	341333	Head Gasket Set w/Nozzle & Precup Gaskets			I	I
	1	341334	Head Gasket				
	12	301114	Positive Valve Seal, Optional (Not in Gasket Sets) (2)				
	1	341335	Valve Cover Gasket				
	1	341336	Full Gasket Set w/Seals	O	O		
	1	341337	Lower Gasket Set w/Seals				
	1	341338	Timing Cover Gasket Kit, Optional (Not in Gasket Sets)	O	O		
	1	341194	Pan Gasket Set			I	I
	1	341339	Front Crank Seal				
	1	301115	Front Wear Sleeve, Optional (Not in Gasket Sets)				
	1	341197	Rear Crank Seal Kit (Includes Seal & Main Cap Plugs)				
	1	301116	Rear Wear Sleeve, Optional (Not in Gasket Sets)				
	6	241363	Pin Bushing				
	1	241213	Cam Bearing Set				
	12	741223	Rod Bolt				
	1	741224	Head Bolt Kit w/Washers				
	18	741178	Tappet Cover Screw w/Seal				

(1)For .010" Oversize Thrust Length Use 241539

(2)Use VST1812 Seal Tool

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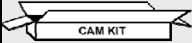
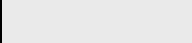
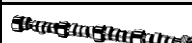
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INTERNATIONAL



ENGINE: D301

BORE: 3.8125"	6 Cyl	Diesel	NOTES: Sleeveless Engine
APPLICATION: Combines: 403, 403 Hillside; Early 453 Hillside; 503; 715 Thru 23000;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	949523	Cam Kit					C
	1	949321	Basic Valve Kit				B	
	1	949121	Valve Train Kit				V	
	1	541159	Rebuilt Camshaft					
	1	541161	New Camshaft					C
	1	541162	Cam Thrust Plate					
	1	541163	Camshaft Nut					
	1	541164	Camshaft Nut Lock					
	12	541113	Tappet					C
	6	441325	Exhaust Valve		V		B	
	6	441326	Intake Valve		V		B	
	12	441327	Valve Guide (3)		V		B	
	12	441328	Valve Spring		V		B	
	12	441329	Valve Rotator		V		B	
	24	441116	Valve Keeper (Half)		V		B	
	6	401117	Exhaust Valve Seat					
	6	401118	Intake Valve Seat					
	3	441331	Exhaust Rocker Arm, LH					
	3	441332	Exhaust Rocker Arm, RH					
	6	441333	Intake Rocker Arm					
	12	441219	Rocker Arm Adjusting Screw					
	2	441334	Rocker Arm Shaft					
	1	541165	Cam Gear					
	1	541166	Crank Gear					
	1	NLA	Idler Gear					
	1	541168	Idler Gear Bushing (1.550" Wide)					
	1	541232	Injection Pump Drive Gear					
	12	541173	Push Rod					
	1	641152	New Oil Pump (Use w/Floating Screen)					
	1	641148	Oil Pump Kit					
	1	641188	Oil Pump Screen (Float Type)					
	1	641178	Oil Pressure Reg Valve Asb, After ESN 6500 (In Crankcase)					
	2	641151	Valve, After ESN 6500 (Bypass/Check) for Aluminum Base					
	1	641187	Oil Cooler Upgrade Kit					
	1	641153	Spin-On Filter Conversion Kit (Filter not Included)					
	1	721118	Cam Plug (Stainless Steel)					
	5	721118	Block Plug, Side (Stainless Steel)					
	2	721117	Block Plug, End (Stainless Steel)					
	6	841228	Precombustion Chamber					
	6	841231	Glow Plug					
	2	841195	Breather Element In Tappet Cover					
	1	821136	Thermostat (4)					
	1	841189	Block Heater					
	1	841191	Water Pump					
	10	821123	Exhaust Manifold Stud					

(3)For.002 Oversize Guide Use 441456 or.003 Guide Use 441457 or.005 Guide Use 441458

(4)Use 841229 For Thermostat Seal

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