

DAVID BROWN



ENGINE: AD4/49

BORE: 100 MM	4 Cyl	Diesel	NOTES: Dry Liners, 2.626" Piston Compression Distance
APPLICATION: Tractors: 990 # 800001-850000;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT					
	1	924222	STD In-Frame Kit						I
	1	924223	.020 In-Frame Kit						I
	1	924224	.040 In-Frame Kit					I	
	1	925222	STD Out-of-Frame Kit			O			
	1	925223	.020 Out-of-Frame Kit			O			
	1	925224	.040 Out-of-Frame Kit			O			
	4	121339	STD Piston Kit (Includes Rings)			O			I
	4	121341	.020 Piston Kit (Includes Rings)			O			I
	4	121342	.030 Piston Kit (Includes Rings)						
	4	121343	.040 Piston Kit (Includes Rings)			O		I	
	4	121324	Cylinder Liner (105 MM OD / Unfinished ID)						
	4	121329	STD Deck Seal Ring						
	4	121331	.020 Deck Seal Ring						
	4	121332	.040 Deck Seal Ring						
	4	121325	STD Piston Ring Set						
	4	121326	.020 Piston Ring Set						
	4	121327	.030 Piston Ring Set						
	4	121328	.040 Piston Ring Set						
	4	221251	STD Rod Bearing		O	O	O	I	I
	4	221252	.010 Rod Bearing						
	4	221253	.020 Rod Bearing						
	4	221254	.030 Rod Bearing						
	4	221255	.040 Rod Bearing						
	1	221256	STD Main Bearing Set, wo/Thrust Washers		O	O	O	I	I
	1	221257	.010 Main Bearing Set, wo/Thrust Washers						
	1	221258	.020 Main Bearing Set, wo/Thrust Washers						
	1	221259	.030 Main Bearing Set, wo/Thrust Washers						
	1	221261	.040 Main Bearing Set, wo/Thrust Washers						
	1	221248	STD Thrust Washer Set		O	O	O	I	I
	1	221262	.005 Thrust Washer Set						
	1	221263	.020 Thrust Washer Set						
	1	321325	Head Gasket Set		O	O	O	I	I
	1	321326	Head Gasket						
	1	321327	Valve Cover Gasket						
	1	321328	Lower Gasket Set w/Seals		O	O	O		
	1	321331	Sump Pan Gasket					I	I
	1	321329	Full Gasket Set w/Seals						
	2	321332	Tappet Cover Gasket						
	1	321121	Block to Main Frame Gasket Kit						
	1	321333	Front Crank Seal						
	1	321334	Front Crank Felt						
	1	301123	Front Wear Sleeve						
	1	321335	Rear Crank Seal Kit (Seals & Retainer Gaskets)						
	4	221264	Pin Bushing						
	8	721172	Rod Bolt						
	8	721173	Rod Nut						
	6	721184	Main Bearing Cap Lock Tab						

CLICK THE ITEM # TO VIEW OR PURCHASE PART

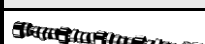
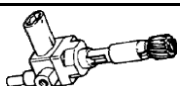
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BORE: 100 MM	4 Cyl	Diesel	NOTES: Dry Liners, 2.626" Piston Compression Distance
APPLICATION: Tractors: 990 # 800001-850000;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	929518	Camshaft Kit				C
	1	929144	Valve Train Kit, Thru ESN 15239			V	
	1	929143	Valve Train Kit, After ESN 15239			V	
	1	521177	Camshaft				C
	1	521179	Thrust Plate				
	8	521178	Tappet				C
	8	421248	STD Ex/In Valve (1.500" Hd Dia) (1)		V	V	
	8	421249	.010 Ex/In Valve (1.500" Hd Dia) (1)				
	8	421251	.020 Ex/In Valve (1.500" Hd Dia) (1)				
	4	421252	Exhaust Valve Spring		V	V	
	4	421253	Intake Valve Spring		V	V	
	4	421268	Ex Retainer Kit (Taper Lock Conversion), After ESN 15239			V	
	8	421269	Ex Keeper (Horseshoe), Thru ESN 15239 w/Roto Valves				
	8	421257	Intake Valve Keeper (Taper Lock), Thru ESN 15239			V	
	16	421257	Valve Keeper (Taper Lock), After ESN 15239		V		
	4	421271	Ex Valve Cap, Thru ESN 15239 w/Original Roto Valves Only				
	4	421258	Exhaust Valve Seat				
	4	421259	Intake Valve Seat				
	4	421261	LH Rocker Arm				
	4	421262	RH Rocker Arm				
	8	421263	Rocker Arm Bushing				
	1	421264	Rocker Arm Shaft				
	1	521196	Cam Gear (68 Teeth)				
	1	521182	Crank Gear (34 Teeth)				
	1	521197	Idler Gear (47 Teeth)				
	1	521184	Idler Gear Bushing				
	2	521198	.003 Idler Gear Bracket Shim				
	2	521199	.010 Idler Gear Bracket Shim				
	2	521211	.020 Idler Gear Bracket Shim				
	1	521185	Injection Pump Drive Gear (68 Teeth)				
	1	521187	Power Steering Pump Drive Gear (28 Teeth)				
	8	521186	Push Rod				
	1	621151	New Oil Pump				
	1	621153	Oil Pump Housing				
	1	621148	Oil Pump Gear Set				
	1	621149	Oil Pump Screen				
	1	721188	Crankshaft				
	5	721125	Block Plug (1.750" Cup)				
	1	721133	Head Plug (1.000" Welch)				
	1	821158	Thermostat				
	1	821164	New Water Pump (Cast# K915326)				
	1	821161	Block Heater (1.750" Cup Style Block)				
	1	821162	Fuel Transfer Pump				
	1	821168	Fuel Transfer Pump Push Rod				

(1)Also Supply 421268 Exhaust Retainer Kit Thru ESN 15239 When Replacing Original Exhaust Roto Valves With Taper Lock Type

DB-195-A

6/20/2006

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