

**300 Series**  
**Engine & Equipment**  
**Model**

**6.329**

277,549 >

O'rings on block

Large Pin

6 Cyl

Bore: 4.02 in  
 102 mm  
 Pin Ø: 1.375 in  
 35 mm

**APPLICATIONS:**

**AGRICULTURAL**

499 3530  
 950 4030  
 960 4400  
 2840 4425  
 3130

**CONSTRUCTION**

444  
 444C  
 444D  
 444CH  
 544A  
 570A  
 710B

<b>1) Engine O/H Kit</b>	<b>Piston-Liner Kit</b>	<b>Main Bearing</b>	<b>Thrust Bearing</b>	<b>Con Rod Bearing</b>
<b>2) Engine I/F Kit</b>	<b>TAR78041</b> Consists of:	<b>TRE27352</b> Std.	<b>TAT21139</b> Std.	<b>TRE27348</b> Std.
<b>1) TAT86986</b>	a) <b>TAR77762</b>	<b>TRE27353</b> .010	<b>TAT21132</b> .010	<b>TRE27349</b> .010
<b>2) TIK86986</b>	b) <b>TAR55759</b>	<b>TRE27360</b> .020	<b>TAT21134</b> .020	<b>TRE27358</b> .020
	c) <b>TR125754</b>	<b>TRE27368</b> .030	<b>TAT21136</b> .030	<b>TRE27364</b> .030
	d) <b>TR116463</b>			
	e) <b>TAR71618</b>			
	f) <b>TM41029</b>			
		<b>Use 6</b>	<b>Use 1</b>	<b>Use 6</b>
<b>1) Front Seal</b> <b>2) Rear Seal</b>	<b>1) O/H Gasket Set</b>	<b>1) Bush, Con Rod</b> <b>2) Bolt, Con Rod</b>	1) Pump, Oil 2) Oil Cooler	1) Lower Gear 2) Lower Bushing
3) Crankshaft 4) Crankshaft, Gear 5) Ring Gear	2) Head Gasket Set 3) Head Gasket 4) Oil Pan Gasket 5) Rocker Cover Gsk	3) Camshaft 4) Con Rod	3) Rocker Arm 4) Rocker Shaft 5) Pump, Oil Tube	3) Upper Gear 4) Upper Bushing 5) Cam. Follower 6) Cam. Gear
1) <b>TAR67942</b> 2) <b>TRE44574</b> 3) <b>TAT22562</b> 4) <b>TT20094</b> 5) <b>TR114282</b> (142T)	1) <b>TRE501580</b> 2) <b>TRE38852</b> 3) <b>TR114157</b> 4) <b>TR97344</b> (1) 5) <b>TR75728</b>	1) <b>TR55647</b> x6 2) <b>TR74194</b> x12 3) <b>TR82821</b> (2) 4) <b>TRE16495</b> (3)	1) <b>TRE55343</b> 2) <b>TRE31929</b> 3) <b>TRE31973</b> 4) <b>TR54986</b> 5) <b>TR113752</b>	1) <b>TAT24252</b> 2) <b>TT26321</b> 3) <b>TAT18009</b> 4) <b>TT20034</b> 5) <b>TT20073</b> 6) <b>TT20070</b>
Valve, Intake	Valve, Exhaust	Insert, Valve 1) Intake 2) Exhaust	1) Cap, Valve 2) Lock, Valve	1) Spring, Valve 2) Rotator, Valve 3) O'ring, Valve
<b>TR79623</b> Std. <b>TR79628</b> .003 <b>TR79629</b> .015	<b>TR79624</b> Std. <b>TR79625</b> .003 <b>TR79626</b> .015	1) <b>TR73064</b> Std. 2) <b>TR51734</b> Std.	1) <b>TT20129</b> 2) <b>TT20077</b>	1) <b>TR26125</b> 2) <b>TRE11410</b> 3) <b>TR87627</b>
<b>Thermostats</b>	<b>Fuel Transfer Pump</b>	<b>Water Pump Repair Kit</b>		<b>Injector, Pencil</b>
<b>TAR70601</b> 180 °F (*) <b>TAR77411</b> 195 °F (*) <b>TRE33705</b> 180 °F (*)	<b>TRE42211</b>	Without Impeller <b>TMX9398</b>	With Impeller <b>TMX131</b>	<b>Seal</b> <b>TR60746</b> <b>TR48000</b>

(\*) Verify JD manual.

(1) For Tractor Model 4030 order [TR97345](#).

(2) Threaded Type.

(3) For Connecting Rods RE16495 and RE21076 Use Connecting Rod Bolt [TR80033](#).