

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

**3.179D**

3 Cyl

Bore: 4.19 in  
 106 mm  
 Pin Ø: 1.375 in  
 35 mm

**APPLICATIONS:**

**AGRICULTURAL**

- 1040 1850
- 1140 2040
- 1350 2150
- 1550 2155
- 1630 2240
- 1750 5000

**CONSTRUCTION**

- 350D
- 355D

<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>TRE30250</b>	<b>TRE27352</b> Std.	<b>TAT21139</b> Std.	<b>TRE27348</b> Std.
<b>1) TRE47653</b>	Consists of:	<b>TRE27353</b> .010	<b>TAT21132</b> .010	<b>TRE27349</b> .010
<b>2) TIK47653</b>	a) <b>TRE19282</b>	<b>TRE27360</b> .020	<b>TAT21134</b> .020	<b>TRE27358</b> .020
	b) <b>TRE66820</b>	<b>TRE27368</b> .030	<b>TAT21136</b> .030	<b>TRE27364</b> .030
	c) <b>TR125754</b>			
	d) <b>TR116281</b>			
	e) <b>TAR65507</b>			
	f) <b>TM41029</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 3) Rocker Arm 4) Rocker Shaft 5) Pump, Oil Tube 6) Cyl Hd Cap Screw	1) Lower Gear 2) Lower Bushing 3) Upper Gear 4) Upper Bushing 5) Cam. Follower 6) Cam. Gear
3) Crankshaft 4) Crankshaft, Gear 5) Ring Gear 6) Sleeve, Front 7) Packing, Sleeve	2) Head Gasket Set 3) Head Gasket 4) Oil Pan Gasket 5) Rocker Cover Gsk	3) Con Rod		
1) <b>TAR67942</b> 2) <b>TRE44574</b> 3) <b>TAT18031</b> (1) 4) <b>TT20094</b> 5) <b>TR114282</b> (142T) 6) <b>TR81989</b> 7) <b>TH35244</b>	1) <b>TRE501578</b> 2) <b>TRE38850</b> 3) <b>TR97356</b> 4) <b>TR97341</b> 5) <b>TR75729</b>	1) <b>TR55647</b> x3 2) <b>TR80033</b> x6 3) <b>TRE16495</b>	1) <b>TRE55343</b> 2) <b>TRE31929</b> (4) 3) <b>TRE31973</b> 4) <b>TR54985</b> 5) <b>TR113752</b> 6) <b>TR85363</b> x14 (3)	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) Guide, 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>
1) Thermostat 2) Thermostat Cover	Fuel Transfer Pump	Water Pump Rep Kit a) Without Impeller b) With Impeller	Water Pump	Transmission Oil Pump
1) <b>TRE33705</b> 180° F (2) 2) <b>TT23620</b>	<b>TRE42211</b>	a) <b>TRE19507</b> b) <b>TRE62658</b>	<b>TAR97708</b> (m) R73604 <b>TRE60489</b> (m) R78286, (m) R70437 (m) R100812, (m) R127337 (m) R127918, (m) R55164	<b>TAL120106</b>   <b>TAL68094</b>

(1) Crankshaft (m) T23516 (36 mm / 1.37" Snout.) This engine may use **TRE50979** (60 mm / 2.36" Snout) (m) R91834.  
 (2) Do not use with Housing (m) R54096, R70741, R74549. For Saran Repower Engines use **TRE64354**.  
 (3) Replace all R78558 Cap Screws with Flanged Head Cap Screw **TR85363**.  
 (4) Use on engines ESN 794193, after this ESN use **TRE61767**.