

300 Series
Engine & Equipment
Model

4.239D

4 Cyl

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

APPLICATIONS:

AGRICULTURAL

- 940 2450
- 942 2535
- 1640 2550
- 1840 2555CS
- 2130 2650
- 2135 2730
- 2250 2735
- 2350 3330
- 2355 3430
- 2355CS 6602
- 2360

CONSTRUCTION

- 70 400G
- 70D 415B
- 210C 415C
- 244E 490
- 290D 515B
- 310C/D
- 315C

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| 1) Engine O/H Kit | Piston-Liner Kit | Main Bearing | Thrust Bearing | Con Rod Bearing |
| 2) Engine I/F Kit | TRE30250 Consists of: | TRE27352 Std. | TAT21139 Std. | TRE27348 Std. |
| 1) TAT86992 | a) TRE19282 | TRE27353 .010 | TAT21132 .010 | TRE27349 .010 |
| 2) TIK86992 | b) TRE66820 | TRE27360 .020 | TAT21134 .020 | TRE27358 .020 |
| | c) TR125754 | TRE27368 .030 | TAT21136 .030 | TRE27364 .030 |
| | d) TR116281 | | | |
| | e) TAR65507 | Use 4 | Use 1 | Use 4 |
| | f) TM41029 | | | |
| | | | | |
| 1) Front Seal 2) Rear Seal | 1) O/H Gasket Set | 1) Bush, Con Rod 2) Bolt, Con Rod 3) Bush, Bal. Shaft | 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 | 4) Bal. Shaft R/H 5) Bal. Shaft L/H 6) Camshaft 7) Bal. Shaft Stop 8) Con Rod | | |
| 1) TAR67942 2) TRE44574 3) TAT18030 (1) or TRE20585 (2) TT20094 TR114282 (142T) TR81989 TH35244 | 1) TRE501579 2) TRE38851 3) TR125863 4) TR97342 5) TR73521 | 1) TR55647 x4 2) TR80033 x8 (3) 3) TR57160 x6 (5) 4) TRE26282 R/H (*) 5) TRE26283 L/H (*) 6) TR82820 (4) 7) TR88112 8) TRE16495 | 1) TRE55343 2) TRE31929 3) TRE31973 4) TR54987 5) TR113752 6) TR85363 x18 (6) | 1) TAT24252 2) TT26321 3) TAT18009 4) TT20034 5) TT20073 6) TT20070 |
| | | | | |
| 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 |
| TR79623 Std. TR79628 .003 TR79629 .015 | TR79624 Std. TR79625 .003 TR79626 .015 | 1) TR73064 Std. 2) TR51734 Std. | 1) TT20129 2) TT20077 | 1) TR26125 2) TRE11410 3) TR87627 |
| | | | | |
| 1) Thermostat 2) Thermostat Cover | Fuel Transfer Pump | Water Pump Rep Kit a) Without Impeller b) With Impeller | Water Pump | Transmission Oil Pump |
| 1) TRE33705 180° F 2) TT23620 | TRE42211 | a) TRE19507 b) TRE62658 | TAR97708 (m) R73604 | TAL120106 TAL68094 |
| | | | | 1) Seal 2) Injector, Pencil 1) TR60746 TR48000 2) TAR89564 |

(*) If these engines use bolt on weights shafts use **TAR69710** RH and **TAR69711** LH.
 (1) **TAT18030** Crankshaft 36mm (short) snout, (m) T23517.
 (2) **TRE20585** Crankshaft 60mm (long) snout, (m) R81959 or R121018.
 (3) For Connecting Rod (m) R58979, use **TR74194** Connecting Rod Bolt available upon request.
 (4) Threaded Type.
 (5) **TR91708** (Outer Diam. 2.00 mm / 0.078 in) Larger and **TR57160R** (Inner Diam 0.5 mm / 0.020 in) Smaller, are also available.
 (6) Replace all R78558 Cap Screws with Flanged Head Cap Screw **TR85363**.