300 Series

Engine & Equipment Model

4.239T

4 Cyl

Bore: 4.19 in
106.5 mm
Pin Ø: 1.625 in
41 mm

Con Rod (m):
R80032, R113612, R122191

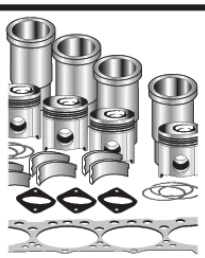
APPLICATIONS:

AGRICULTURAL

945	2750
952	2755
1052	2755 CS/TSS
1155	2850
2140	2855
2450	2855N
2555	3430
2555 TSS	3830
2650	

CONSTRUCTION

310 C/D (Turbo)
315 C/D (Turbo)
515B

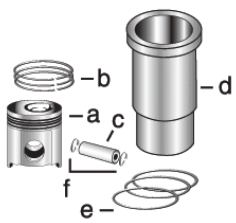


1) Engine O/H Kit

2) Engine I/F Kit

1) TRE54709

2) TIK54709

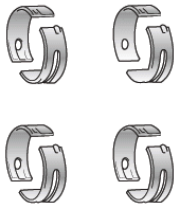


Piston-Liner Kit

TRE33115

Consists of:

a) TRE19278
b) TRE66820
c) TR124230
d) TR116281
e) TAR65507
f) TR54114



Main Bearing

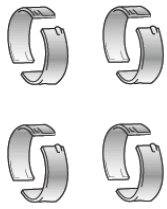
TRE27352	Std.
TRE27353	.010
TRE27360	.020
TRE27368	.030

Use 4

Thrust Bearing

TAT21139	Std.
TAT21132	.010
TAT21134	.020
TAT21136	.030

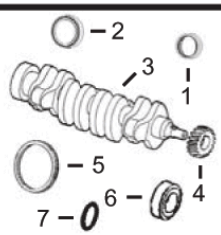
Use 1



Con Rod Bearing

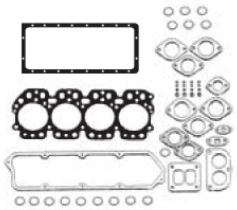
TRE27348	Std.
TRE27349	.010
TRE27358	.020
TRE27364	.030

Use 4



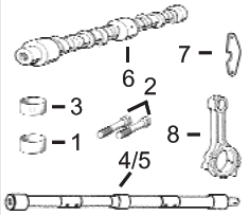
1) Front Seal
2) Rear Seal
3) Crankshaft
4) Crankshaft, Gear
5) Ring Gear
6) Sleeve, Front
7) Packing, Sleeve

1) TAR67942
2) TRE44574
3) TAT18030 (1)
or
TRE20585 (4)
4) TT20094
5) TR114282 (142T)
6) TR81989
7) TH35244



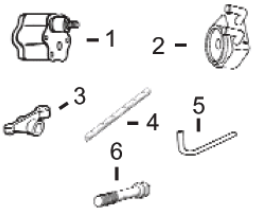
1) O/H Gasket Set
2) Head Gasket Set
3) Head Gasket
4) Oil Pan Gasket
5) Rocker Cover Gsk

1) TRE501579
2) TRE38851
3) TR125863
4) TR97342
5) TR73521



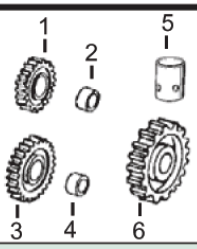
1) Bush, Con Rod
2) Bolt, Con Rod
3) Bush, Bal. Shaft
4) Bal. Shaft R/H
5) Bal. Shaft L/H
6) Camshaft
7) Bal. Shaft Stop
8) Con Rod

1) TR57451 *x4*
2) TR80033 *x8*
3) TR57160 *x6* (3)
4) TRE26282 R/H (*)
5) TRE26283 L/H (*)
6) TR82820 (5)
7) TR88112
8) TRE58347



1) Pump, Oil
2) Oil Cooler
3) Rocker Arm
4) Rocker Shaft
5) Pump, Oil Tube
6) Cyl Hd Cap Screw

1) TRE55343 (2)
2) TRE31929
3) TRE31973
4) TR54987
5) TR113752
6) TR85363 *x18* (6)



1) Lower Gear
2) Lower Bushing
3) Upper Gear
4) Upper Bushing
5) Cam. Follower
6) Cam. Gear

1) TAT24252
2) TT26321
3) TAT18009
4) TT20034
5) TT20073
6) TT20070

Valve, Intake

TR83071	Std.
TR89223	.003
TR89224	.015

Valve, Exhaust

TR79624	Std.
TR79625	.003
TR79626	.015

Insert, Valve
1) Intake
2) Exhaust

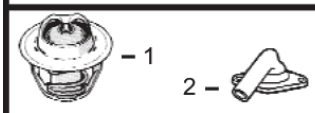
1) TR73064	Std.
2) TR51734	Std.

1) Cap, Valve
2) Lock, Valve

1) TT20129	
2) TT20077	

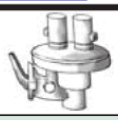
1) Spring, Valve
2) Rotator, Valve
3) O'ring, Valve

1) TR26125	
2) TRE11410	
3) TR87627	



1) Thermostat
2) Thermostat Cover

1) TAR48675 180° F
2) TT23620

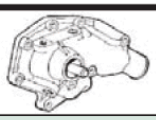


Fuel Transfer Pump

TRE42211

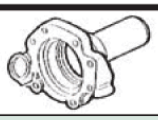
Water Pump Rep Kit
a) Without Impeller
b) With Impeller

See Chart



Water Pump

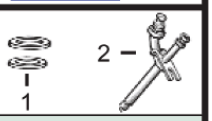
TAR97708
(m) R73604



Transmission Oil Pump

TAL120106 | TAL68094

Verify P/N for your application



1) Seal
2) Injector, Pencil

1) TR60746
TR48000
2) TRE37503

(*) If these engines use bolt on weights shafts use TAR69710 RH and TAR69711 LH.
(1) TAT18030 Crankshaft 36mm (short) snout, (m) T23517.
(2) May use High Capacity Pump, Oil TRE65580.
(3) TR91708 (Outer Diam. 2.00 mm / 0.078 in) Larger and TR57160R (Inner Diam 0.5 mm / 0.020 in) Smaller, are also available.
(4) TRE20585 Crankshaft 60mm (long) snout, (m) R81959 or R121018.
(5) Threaded Type.
(6) Replace all R78558 Cap Screws with Flanged Head Cap Screw TR85363.