

# 400 Series

Engine & Equipment  
Model

## 6.466T

253,373 >

## 6.466A

317,859 >

6 Cyl

Bore: 4.56 in  
116 mm  
Pin Ø: 1.85 in  
47 mm

Con Rod (m):  
R71074 (P/N AR93341)


### APPLICATIONS:

#### AGRICULTURAL

4250	5730
4440	6602
4450	6620
4640	6622
4650	7720
5460	9940
5720	9950

#### CONSTRUCTION

644C	790D
690C	850B
762A/B	892D
770A/B	

<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>TAR100646</b> Consists of:	<b>TAR74814</b> Std. <b>TAR74816</b> .010 <b>TAR74817</b> .020 <b>TAR74818</b> .030	<b>TAR77748</b> Std. <b>TAR77750</b> .010 <b>TAR77751</b> .020 <b>TAR77752</b> .030	<b>TAR73277</b> Std. <b>TAR73279</b> .010 <b>TAR73280</b> .020 <b>TAR73281</b> .030
<b>1) TRG18847</b>	a) <b>TAR100616</b> b) <b>TRE48380</b> c) <b>TR57771</b> d) <b>TAR63060</b> e) <b>TAR98850</b> f) <b>TE1343FN</b>	<b>Use 6</b>	<b>Use 1</b> <b>Thrust Washer</b> <b>TAR77747</b> Std. <b>TAR77753</b> .007	<b>Use 6</b>
<b>2) TIK18847</b>			<b>Use 3, Order Qty 1</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> <b>3) Bushing, Cam</b>	<b>1) Cam Follower</b> <b>2) Oil Cooler</b> <b>3) Camshaft Kit</b> <b>4) Plug, Camshaft</b> <b>5) O'ring, Oil Cooler</b> <b>6) Head Bolt Kit</b>	<b>1) Pump, Oil</b> <b>2) Repair Kit</b>
<b>3) Crankshaft</b> <b>4) Crankshaft, Gear</b> <b>5) Ring Gear</b> <b>6) Rear Gear</b>	<b>2) Head Gasket Set</b> <b>3) Head Gasket</b> <b>4) Oil Pan Gasket</b>	<b>4) Con Rod</b>		
<b>1) TAR49025</b> <b>2) TRE520036</b> <b>3) TRE53422 (6)</b> <b>4) TR26049 (23T)</b> <b>5) TR28811 (129T)</b> <b>6) TR63326</b>	<b>1) TAR98845</b> <b>2) TAR98851</b> <b>3) TRE47336</b> <b>4) TR71918</b>	<b>1) TR74008 x6</b> <b>2) TR66452 x12</b> <b>3) TR46903 x4</b> <b>4) TAR93341 x1</b>  <b>(1)</b>	<b>1) TR52773</b> <b>2) TAT25038 (5)</b> <b>3) TAR100385</b> <b>4) TR26115</b> <b>5) TR47153</b> <b>6) TMX365 (3)*</b> <b>TMX366 (4)**</b>	<b>1) TRE60622</b> <b>2) TMX1062 (2)</b>
<b>Valve, Intake</b>	<b>Valve, Exhaust</b>	<b>Insert, Valve</b> <b>1) Intake</b> <b>2) Exhaust</b>	<b>1) Cap, Valve</b> <b>2) Lock, Valve</b>	<b>1) Spring, Valve</b> <b>2) Rotator, Valve</b> <b>3) O'ring, Valve</b>
<b>TR50358</b> Std. <b>TR55055</b> .003 <b>TR55057</b> .015	<b>TR50357</b> Std. <b>TR55056</b> .003 <b>TR55058</b> .015	<b>1) TR78702</b> Std. <b>2) TR50356</b> Std.	<b>1) TT20129</b> <b>2) TT20077</b>	<b>1) TR26125</b> <b>2) TRE11410</b> <b>3) TR87627</b>
<b>Thermostat</b>	<b>Fuel Transfer Pump</b>	<b>Water Pump Rep Kit</b> a) Without Impeller b) With Impeller	<b>Water Pump</b>	<b>Pump, Oil, Quad Transmission</b>
<b>TAR48675</b> 180° F	Not Used	<b>See Chart</b>	<b>1) TRE55985</b> (m) R71224, (m) R83561 <b>2) TRE20022</b> (OEM ESN 067685 >)	<b>TRE20918</b> For Tractors 4250, 4040, 4450, 4640, 4650

(1) Shape, Conrod Bushing.

(2) For Crankshaft driven Engine Pump, Oil Consists of: Shaft, Gears, and Gaskets.

(3) TMX365 Consists of: TR88042 x6, TR88043 x5, TR88044 x8, TR88045 x7. \* With ESN > 317676.

(4) TMX366 Consists of: TR88043 x11, TR88044 x8, TR88045 x7. \*\* With ESN 317677 >.

(5) Some applications use TAR55394.

(6) TRE53422 will require front key  
TR116311 for the front damper.