

**400 Series**  
**Engine & Equipment**  
**Model**

**6.466T**

> 253,372

**6.466A**

> 233,592

6 Cyl

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

**Con Rod (m):**  
 R57303, R67320

**APPLICATIONS:**

**AGRICULTURAL**

- 4440 7720
- 4640 8430
- 4840 8440
- 5720 8450
- 6620 8820
- 6622 9940

**CONSTRUCTION**

- 644D
- 646C
- 740A
- 762A

<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>TAR72079</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) TRG18845</b>	a) <b>TAR93629</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) TIK18845</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>	1) Cam Follower 2) Oil Cooler 3) Camshaft Kit 4) Plug, Camshaft 5) O'ring, Oil Cooler	1) Head Bolt Kit
3) Crankshaft 4) Crankshaft, Gear 5) Ring Gear 6) Rear Gear	2) Head Gasket Set 3) Head Gasket 4) Oil Pan Gasket			
1) <b>TAR49025</b> 2) <b>TRE520036</b> 3) <b>TRE53422</b> (4) 4) <b>TR26049</b> (23T) 5) <b>TR28811</b> (129T) 6) <b>TR63326</b>	1) <b>TAR98845</b> 2) <b>TAR98851</b> 3) <b>TRE47336</b> 4) <b>TR71918</b>	1) <b>TR60724</b> x6 2) <b>TR66452</b> x12 3) <b>TR46903</b> x4 	1) <b>TR52773</b> 2) <b>TAT25038</b> (3) 3) <b>TAR100385</b> 4) <b>TR26115</b> 5) <b>TR47153</b>	1) <b>TMX365</b> (2)
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>TR50358</b> Std. <b>TR55055</b> .003 <b>TR55057</b> .015	<b>TR50357</b> Std. <b>TR55056</b> .003 <b>TR55058</b> .015	1) <b>TR78702</b> Std. 2) <b>TR50356</b> Std.	1) <b>TT20129</b> 2) <b>TT20077</b>	1) <b>TR26125</b> 2) <b>TRE11410</b> 3) <b>TR87627</b>
Thermostat	Fuel Transfer Pump	Water Pump Rep Kit a) Without Impeller b) With Impeller	Water Pump	Pump, Oil, Quad Transmission
<b>TAR48675</b> 180° F	Not Used	<b>See Chart</b>	1) <b>TRE55985</b> (m) R71224, (m) R83561 2) <b>TRE20022</b> (OEM ESN 067685 >)	<b>TRE20918</b> For Tractors 4440, 4640, 4840

(1) Shape, Conrod Bushing.  
 (2) **TMX365** Consists of: **TR88042** x6, **TR88043** x5, **TR88044** x8, **TR88045** x7.  
 (3) Some applications use **TAR55394**.  
 (4) **TRE53422** will require front key **TR116311** for the front damper.