

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

**6.466A**

233,593-317,858

6 Cyl

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

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

**APPLICATIONS:**

**AGRICULTURAL**

4840 8440  
 4850 8450  
 5720 8820  
 5730 9940  
 8430 9950

**CONSTRUCTION**

644C 770A/B  
 690C 850B  
 740A 892D  
 762A/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>TAR100960</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) TRG20142</b>	a) <b>TAR100673</b>	<b>Use 6</b>	<b>Use 1</b>	<b>Use 6</b>
<b>2) TIK20142</b>	b) <b>TRE48380</b>			
	c) <b>TR57771</b>	<b>Use 6</b>	<b>Use 1</b>	<b>Use 6</b>
	d) <b>TAR63060</b>			
	e) <b>TAR98850</b>	<b>Use 6</b>	<b>Use 1</b>	<b>Use 6</b>
	f) <b>TE1343FN</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 6) Head Bolt, Kit	1) Pump, Oil 2) Repair Kit
3) Crankshaft 4) Crankshaft, Gear 5) Ring Gear 6) Rear Gear	2) Head Gasket Set 3) Head Gasket 4) Oil Pan Gasket	4) Con Rod		
1) <b>TAR49025</b> 2) <b>TRE520036</b> 3) <b>TRE53422</b> (6) 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>TR74008</b> x6 2) <b>TR66452</b> x12 3) <b>TR46903</b> x4 4) <b>TAR93341</b> x1	1) <b>TR52773</b> 2) <b>TAT25038</b> (5) 3) <b>TAR100385</b> 4) <b>TR26115</b> 5) <b>TR47153</b> 6) <b>TMX365</b> (3)* <b>TMX366</b> (4)**	1) <b>TRE60622</b> 2) <b>TMX1062</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 Repair Kit	Water Pump	Water Pump
<b>TAR48675</b> 180° F	Not Used	Without Impeller      With Impeller	1) <b>TRE55985</b> (m) R71224, (m) R83561 2) <b>TRE20022</b> (OEM ESN 067685 >)	<b>See Chart</b>

(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.