



# Engine Parts Manual

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## Kubota Diesel Engine

V1505-E3B-TXRN-1 – LF 3400/3800/550/570

V1505-T-E3B-TXRN-1 – LF 3400/3800/550/570/4675/4677 Turbo



### WARNING

If incorrectly used, this machine can cause severe injury. Those who use and maintain this machine should be trained in its proper use, warned of its dangers and should read the entire manual before attempting to set up, operate, adjust, or service the machine.

## FOREWORD

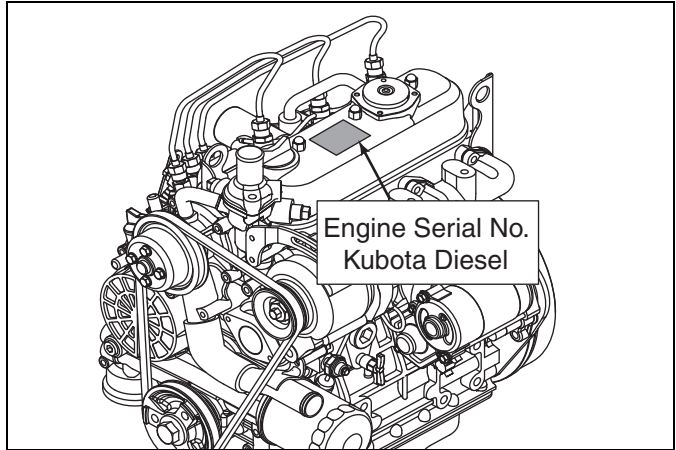
This manual contains a parts list for your Kubota Engine.

The Engine Serial Number for the Kubota engine is on a plate located on the valve cover.

Record the Engine Serial Number below for easy reference.

Engine Serial Number: \_\_\_\_\_

If additional information is needed, contact your Jacobsen Dealer.



## Suggested Stocking Guide

To Keep your Equipment fully operational and productive, Jacobsen suggests you maintain a stock of the more commonly used maintenance items. We have included part numbers for additional support materials and training aids.

To order any of the following material:

1. Write your full name and complete address on your order form.
2. Explain where and how to make shipment:
  - UPS
  - Regular Mail
  - Overnight
  - 2nd Day

3. Order by the quantity desired, the part number, and the description of the part.
4. Send or bring the order to your authorized Jacobsen Dealer.

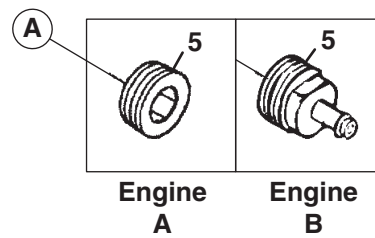
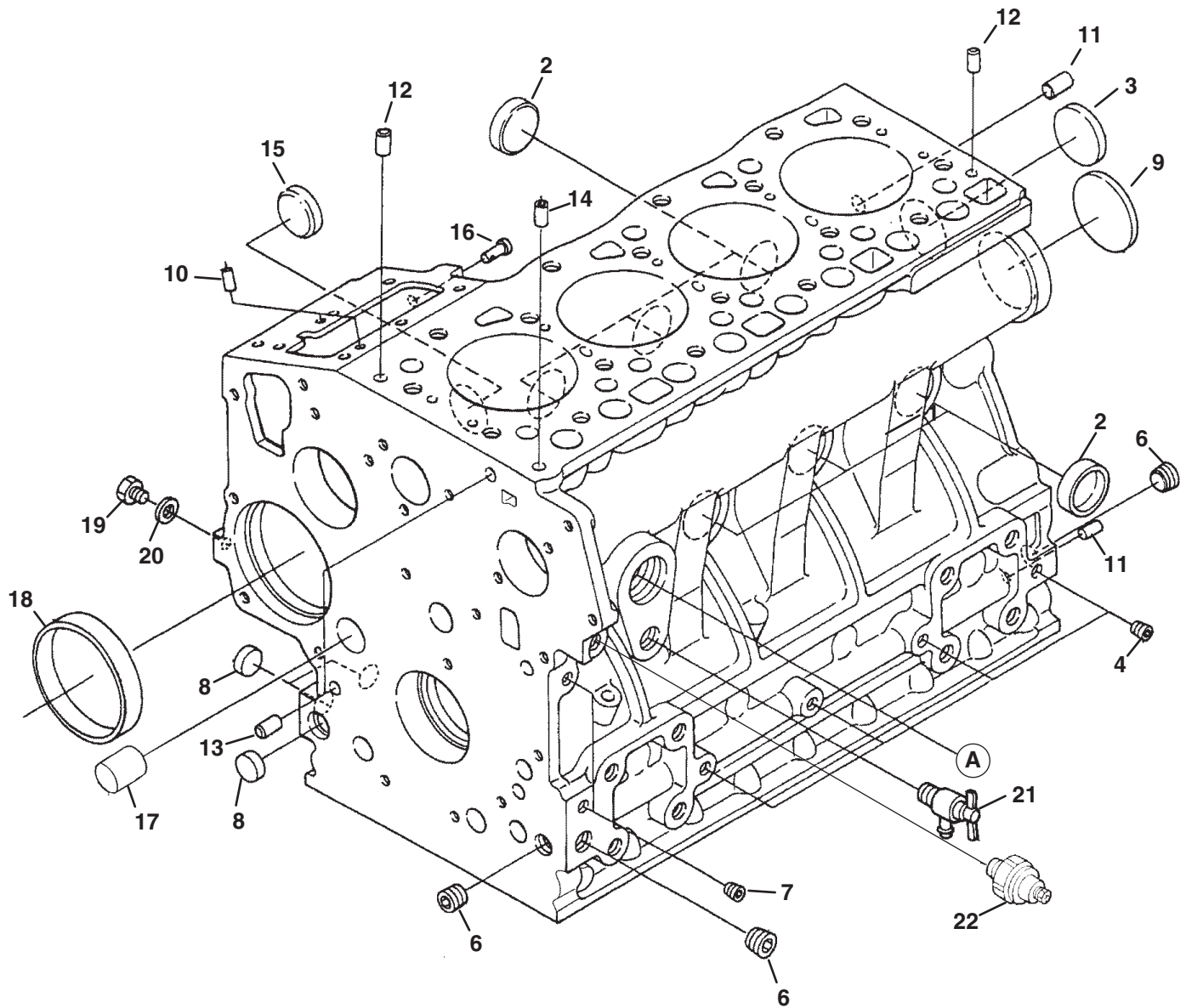
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### Proposition 65 Warning

This product contains or emits chemicals known to State of California to cause cancer and birth defects or other reproductive harm.

1.1	Crankcase	4
2.1	Oil Pan	6
3.1	Cylinder Head	8
4.1	Gearcase	10
5.1	Head Cover	12
6.1	Oil Filter	14
7.1	Dipstick and Guide	16
8.1	Main Bearing Case	18
9.1	Piston and Crankshaft	20
10.1	Flywheel	22
11.1	Camshaft and Idle Gear	24
12.1	Fuel Camshaft and Governor	26
13.1	Idle Apparatus	28
14.1	Injection Pump	30
15.1	Governor	32
16.1	Speed Control Plate	34
17.1	Nozzle Holder and Glow Plug	36
18.1	Fuel Filter and Pump	38
19.1	Alternator and Pulleys	40
20.1	Alternator	42
21.1	Starter	44
22.1	Water Flange and Thermostat	46
23.1	Water Pump	48
24.1	Valve and Rocker Arm	50
25.1	Intake and Exhaust Manifolds	52
26.1	Turbo Charger	54
27.1	Turbo Charger Oil Pipes	56
28.1	Turbo Engine Oil Cooler	58
29.1	Miscellaneous	60

## 1.1 Crankcase



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
A	1	4177220	1	Comp. Crankcase	
B	1	4177228	1	Comp. Crankcase	
●	2	553911	6	• Cap, Sealing	
●	3	552977	1	• Cap, Sealing	
●	4	552978	4	• Plug	
A	5	2500874	1	• Plug	
B	5	5002800	1	• Joint, Drain Pipe	
●	6	2500875	3	• Plug	
●	7	552950	2	• Plug	
●	8	5001308	3	• Plug, Expansion	
●	9	2500877	1	• Plug, Expansion	
●	10	553857	2	• Pin, Straight	
●	11	550424	2	• Pin, Straight	
●	12	2500878	2	• Pin, Straight	
●	13	550543	2	• Pin, Pipe	
●	14	2500879	1	• Pin, Pipe	
●	15	2500880	1	• Plug	
●	16	2500881	1	• Pin, Start Spring	
●	17	2500882	1	• Plug	
●	18	2500883	1	• Bush, Governor Gear	
●	19	552957	1	• Plug	
●	20	552958	1	• Gasket	
●	21	554084	1	Assy Cock, Drain	
●	22	554018	1	Switch, Oil	

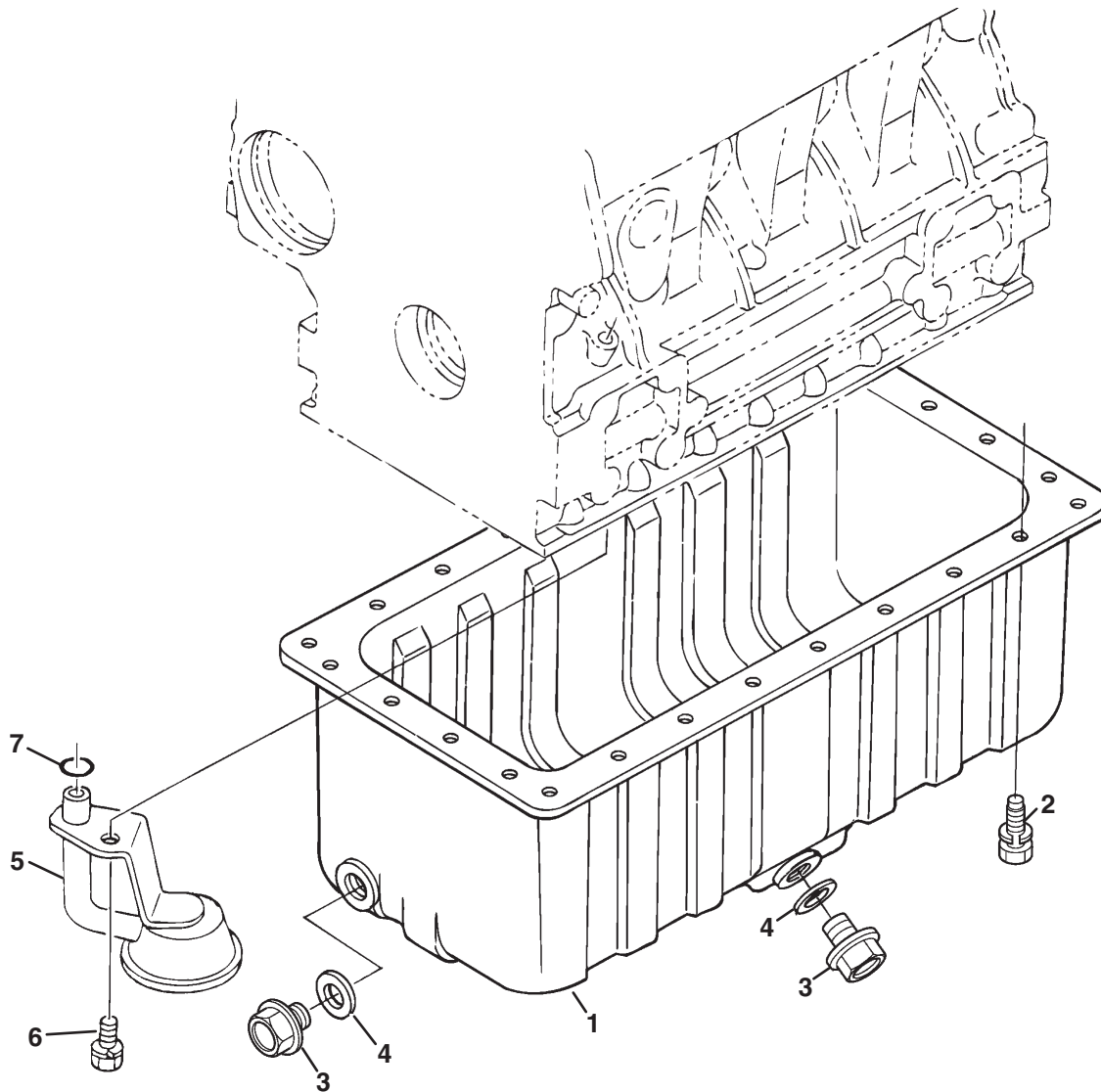
● - Used on All Engines

A - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

B - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 2.1 Oil Pan



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	2500822	1	Comp. Oil Pan	
●	2	4165443	26	Bolt	
●	3	4177260	2	Plug, Drain	
●	4	2500811	2	Gasket	
●	5	5002954	1	Filter, Oil	
●	6	550376	1	Bolt	
●	7	553855	1	O Ring	

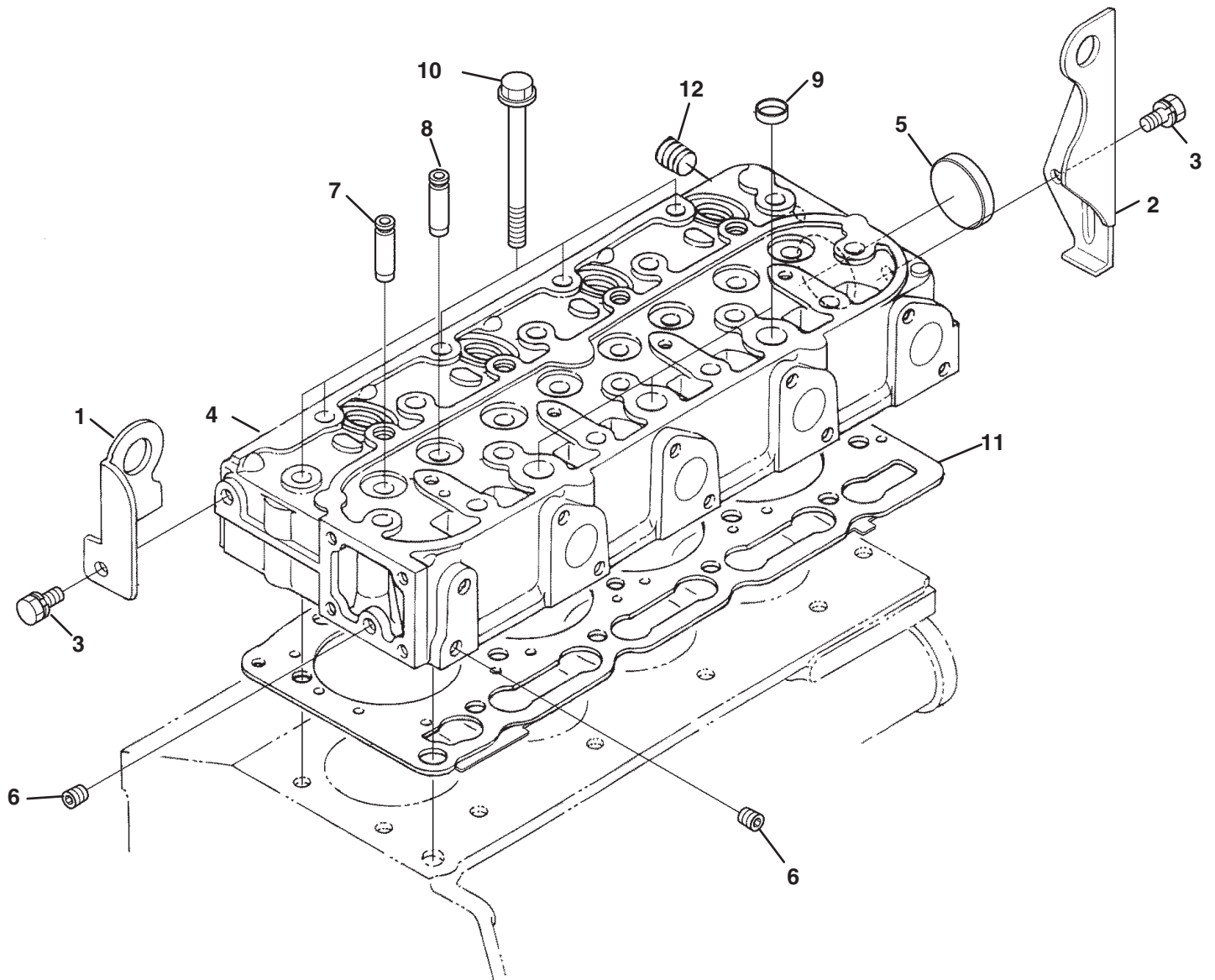
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> Change from previous revision

## 3.1 Cylinder Head





# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	2500886	1	Hook, Engine	
●	2	2500887	1	Hook, Engine	
●	3	594330	2	Bolt	
A	4	4177221	1	Comp. Cylinder Head	
B	4	4177229	1	Comp. Cylinder Head	
●	5	550673	1	• Cap, Sealing	
●	6	552978	2	• Plug	
●	7	4145830	4	• Guide, Inlet Valve	
●	8	4145831	4	• Guide, Exhaust Valve	
●	9	2500888	2	• Cap, Sealing	
●	10	2500889	18	Bolt, Cylinder Head	
●	11	4177261	1	Gasket, Cylinder Head	
●	12	554115	1	Plug	

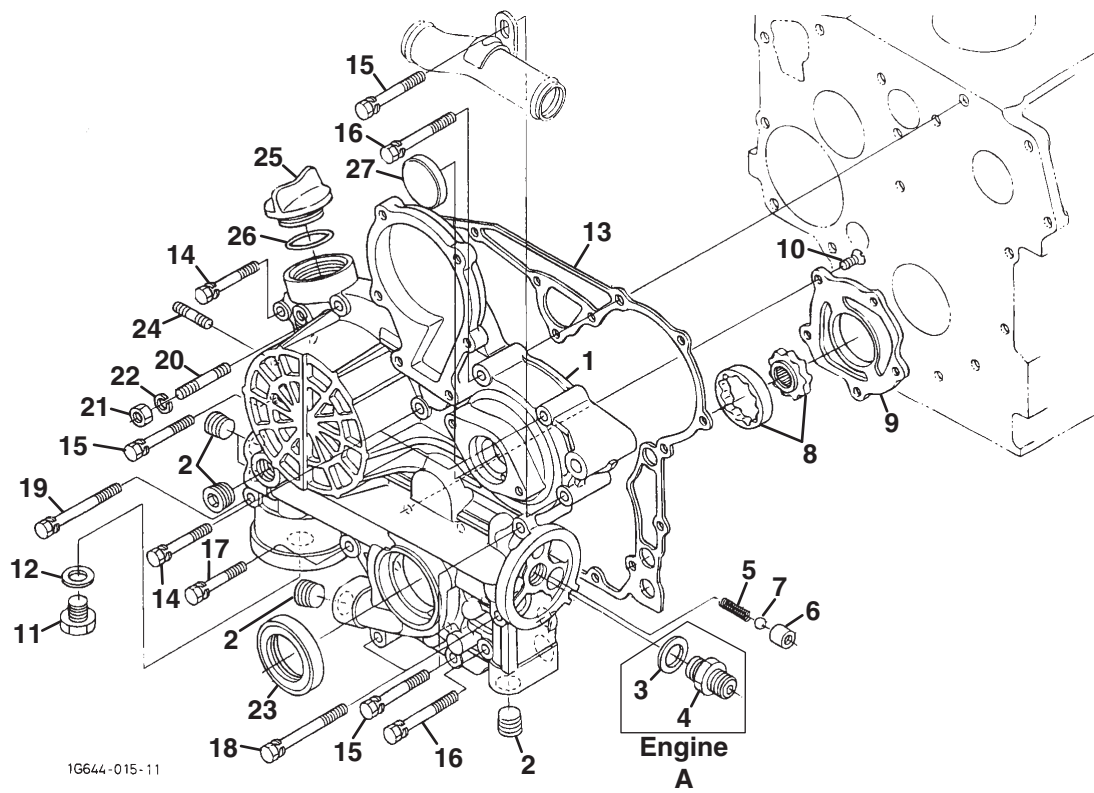
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> Change from previous revision

## 4.1 Gearcase



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
A	1	557856	1	Comp. Case,gear	
B	1	4177230	1	Comp. Case,gear	
●	2	5001255	5	• Plug	
A	3	594351	1	• Washer, Plain	
A	4	2500892	1	• Joint, Pipe	
●	5	2500893	1	• Spring	
●	6	2500894	1	• Seat, Valve	
●	7	2500895	1	• Ball	
●	8	2500896	1	• Assy Rotor, Oil Pump	
●	9	5001256	1	• Cover, Oil Pump	
●	10	2500898	5	• Screw, Csk-hd	
●	11	557859	1	Plug	
●	12	557960	1	Packing, Plug	
●	13	5001269	1	Gasket, Gear Case	
●	14	553481	3	Bolt	
●	15	5001875	4	Bolt	
●	16	2500899	2	Bolt	
●	17	554097	1	Bolt	
●	18	2500900	2	Bolt	
●	19	557891	1	Bolt	
●	20	2500901	1	Stud	
●	21	550395	1	Nut	
●	22	5001160	1	Washer, Spring	
●	23	2500902	1	Seal, Oil	
●	24	550386	2	Stud	
●	25	4145944	1	Plug, Oil Filler	
●	26	2809955	1	O Ring	
●	27	5001276	1	Cover, Gear Case	

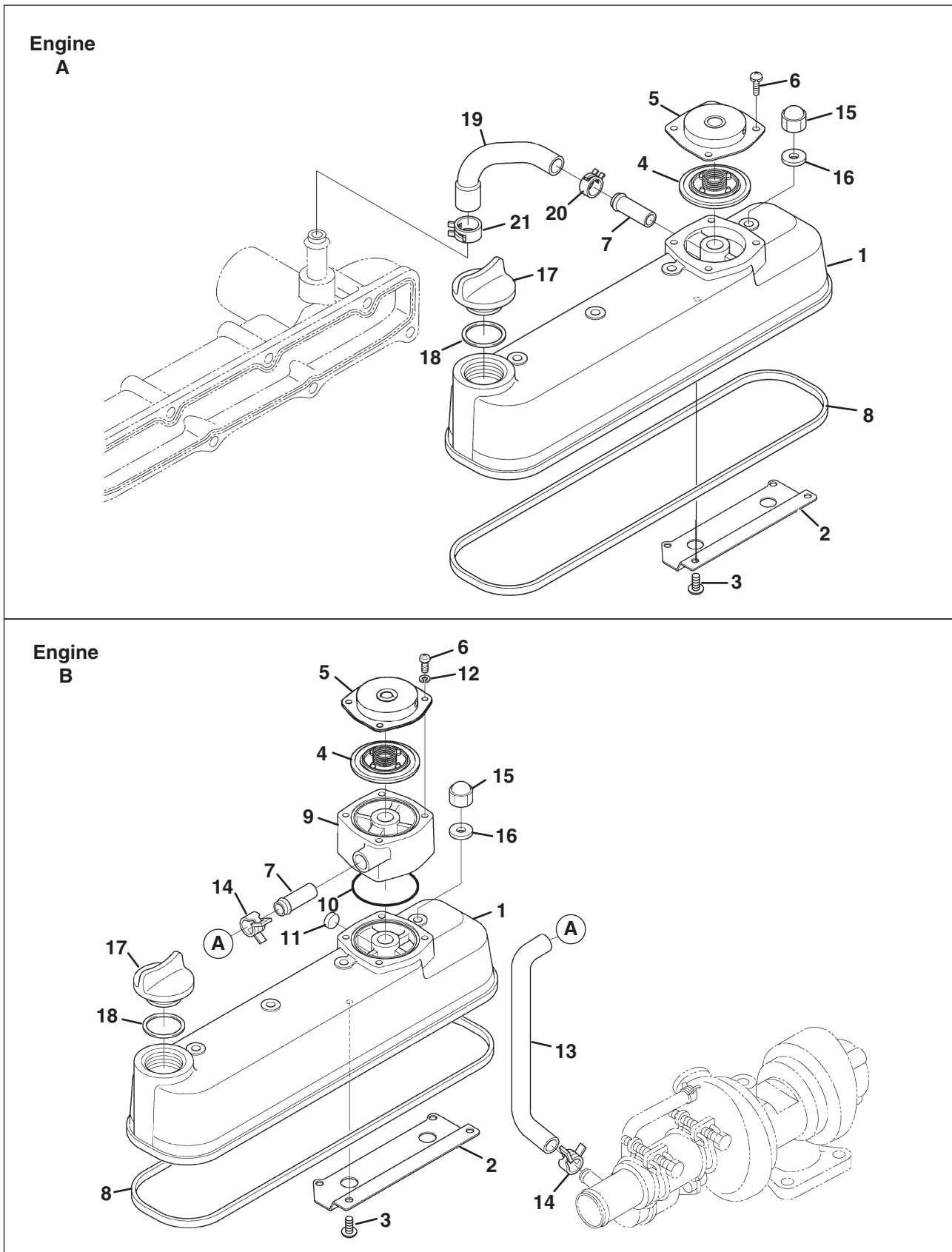
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> Change from previous revision

## 5.1 Head Cover



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
A	1	4177222	1	Assy Cover, Cyl.head	
B	1	4177231	1	Assy Cover, Cyl.head	
●	2	NS	1	Shield, Breather	
●	3	NS	4	Bolt	
●	4	4145912	1	Comp. Valve,breather	
●	5	4145911	1	Cover, Breather	
A	6	4165421	4	Screw, with Washer	
B	6	4177234	4	Screw, Pan Head	
●	7	4134204	1	Pipe, Water Return	
●	8	557873	1	Gasket, Head Cover	
B	9	4177233	1	Spacer, Breather	
B	10	4177232	1	O Ring, Breather	
B	11	553912	1	Cap, Sealing	
B	12	4145652	4	Washer, Spring	
B	13	4183596	1	Tube, Breather Turbo	
B	14	4165526	2	Clamp, Hose	
●	15	550838	3	Nut	
●	16	550839	3	Gasket	
●	17	4145944	1	Plug, Oil Filler	
●	18	2809955	1	O Ring	
A	19	4165655	1	Tube, Breather	
A	20	4134199	1	Clamp, Hose	
A	21	4165526	1	Clamp, Hose	

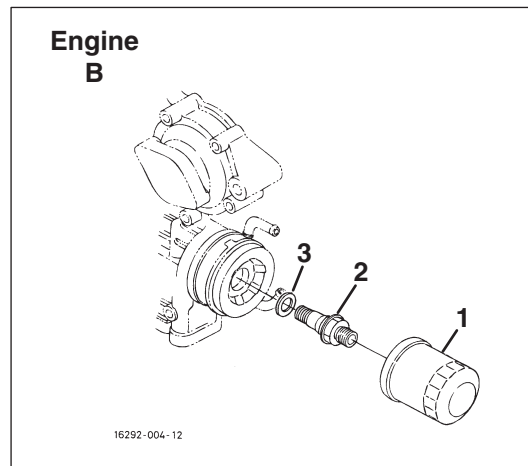
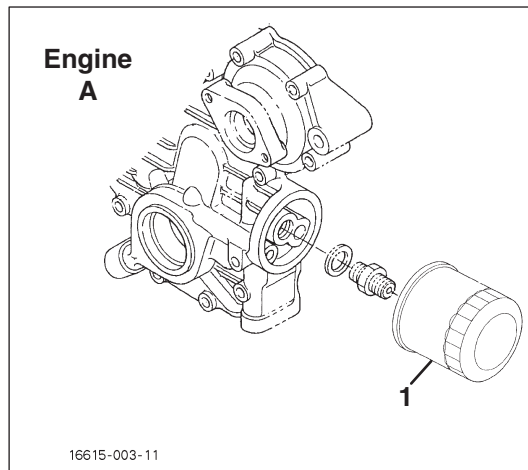
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> Change from previous revision

## 6.1 Oil Filter



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	4177262	1	Oil Filter	
B	2	5003615	1	Connector	
B	3	5003616	1	Collar	

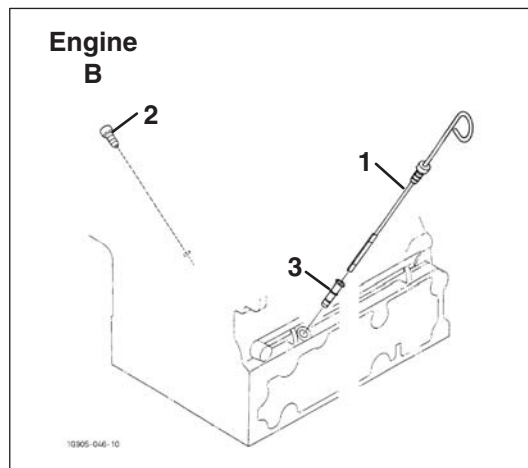
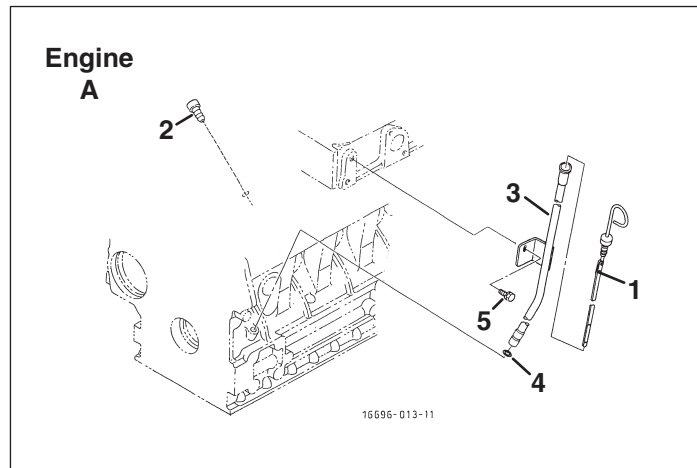
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> Change from previous revision

## 7.1 Dipstick and Guide





# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
A	1	5002955	1	Gauge, Oil	Includes Item 4
B	1	4177236	1	Gauge, Oil	
●	2	2812014	1	Plug, Oil Gauge	
A	3	557853	1	Guide, Oil Gauge	
B	3	4177235	1	Guide, Oil Gauge	
A	4	5002033	1	O Ring	
A	5	594330	1	Bolt	

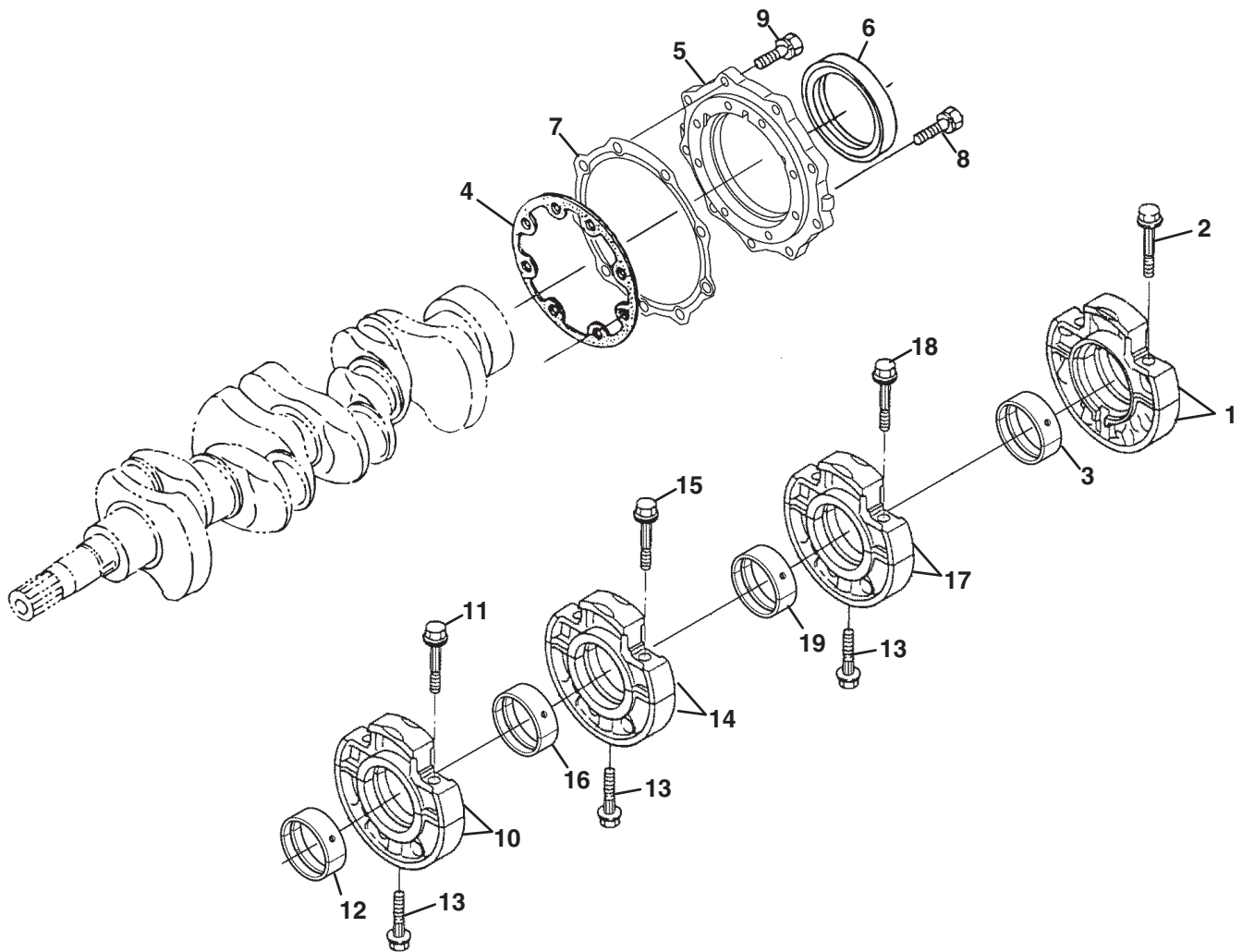
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> Change from previous revision

## 8.1 Main Bearing Case



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	4177263	1	Assy Brg. Case, Wheel	
●	2	2500905	2	• Bolt, Bearing Case	
●	3	2500838	1	• Metal, Crankshaft	STD Set
●	3	2500839	1	Metal, Crankshaft	-0.20 mm Set
●	3	2500840	1	Metal, Crankshaft	-0.40 mm Set
●	4	2500824	1	Gasket, Brg. Case	
●	5	5001241	1	Cover, Bearing Case	
●	6	2500825	1	Seal, Oil	
●	7	5001270	1	Gasket, Case Cover	
●	8	550365	8	Bolt	
●	9	550364	9	Bolt	
ABC	10	4177223	1	Assy Brg. Case, Main	
DE	10	4177237	1	Assy Brg. Case, Main	
●	11	2500905	2	• Bolt, Bearing Case	
ABC	12	2500837	1	• Metal, Crankshaft	STD Set
DE	12	2809968	1	• Metal, Crankshaft	STD Set
ABC	12	2500843	1	Metal, Crankshaft	-0.20 mm Set
DE	12	2809969	1	Metal, Crankshaft	-0.20 mm Set
ABC	12	2500844	1	Metal, Crankshaft	-0.40 mm Set
DE	12	2809970	1	Metal, Crankshaft	-0.40 mm Set
●	13	2500908	3	Bolt, Bearing Case	
ABC	14	4177224	1	Assy Brg. Case, Main	
DE	14	4177238	1	Assy Brg. Case, Main	
●	15	2500905	2	• Bolt, bearing Case	
ABC	16	2500837	1	• Metal, Crankshaft	STD Set
DE	16	2809968	1	• Metal, Crankshaft	STD Set
ABC	16	2500843	1	Metal, Crankshaft	-0.20 mm Set
DE	16	2809969	1	Metal, Crankshaft	-0.20 mm Set
ABC	16	2500844	1	Metal, Crankshaft	-0.40 mm Set
DE	16	2809970	1	Metal, Crankshaft	-0.40 mm Set
ABC	17	4177225	1	Assy Brg. Case, Main	
DE	17	4177240	1	Assy Brg. Case, Main	
●	18	2500905	2	• Bolt, bearing Case	
ABC	19	2500837	1	• Metal, Crankshaft	STD Set
DE	19	2809968	1	• Metal, Crankshaft	STD Set
ABC	19	2500843	1	Metal, Crankshaft	-0.20 mm Set
DE	19	2809969	1	Metal, Crankshaft	-0.20 mm Set
ABC	19	2500844	1	Metal, Crankshaft	-0.40 mm Set
DE	19	2809970	1	Metal, Crankshaft	-0.40 mm Set

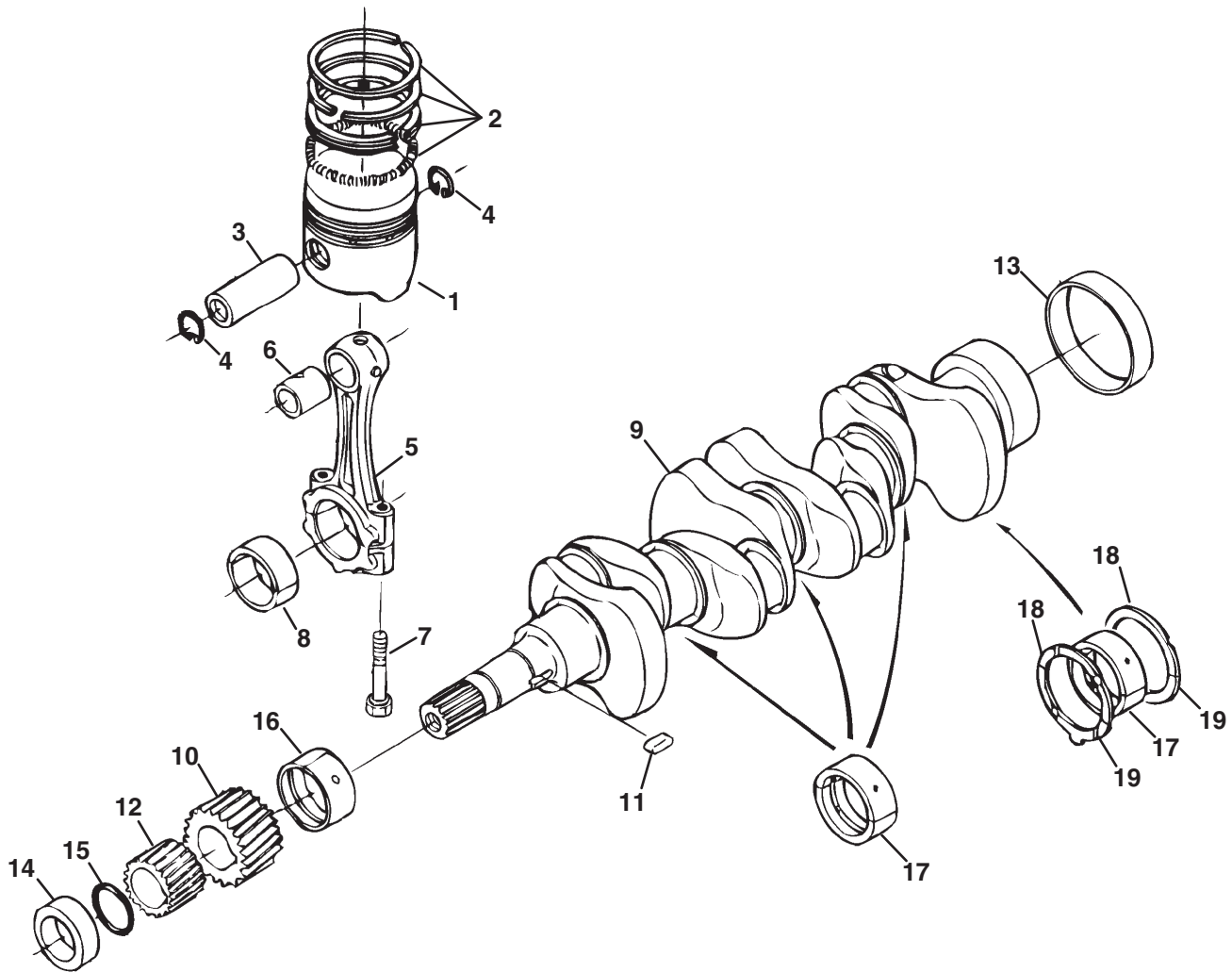
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B - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 9.1 Piston and Crankshaft



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
<b>A</b>	1	5000892	4	Piston	STD
<b>B</b>	1	5002740	4	Piston	STD
<b>A</b>	1	557883	4	Piston	+0.50 mm
<b>B</b>	1	2809959	4	Piston	+0.50 mm
●	2	5002741	4	Assy Piston Ring	STD
●	2	2809960	4	Assy Piston Ring	+0.50 mm
●	3	2500831	4	Pin, Piston	
●	4	2500832	8	Cir Clip, Piston Pin	
<b>ABC</b>	5	4177226	4	Assy Rod, Connecting	
<b>DE</b>	5	5002742	4	Assy Rod, Connecting	
●	6	2500949	4	Bush, Piston Pin	
●	7	2500950	8	Bolt, Connecting Rod	
<b>ABC</b>	8	2500834	4	Metal, Crankpin	STD Set
<b>DE</b>	8	2809961	4	Metal, Crankpin	STD Set
<b>ABC</b>	8	2500951	4	Metal, Crankpin	-0.20 mm Set
<b>DE</b>	8	2809962	4	Metal, Crankpin	-0.20 mm Set
<b>ABC</b>	8	2500825	4	Metal, Crankpin	-0.40 mm Set
<b>DE</b>	8	2809963	4	Metal, Crankpin	-0.40 mm Set
●	9	557886	1	Comp. Crankshaft	
●	10	2500954	1	Gear, Crank	
●	11	2500955	1	Key	
●	12	2500953	1	Gear, Oil Pump Drive	
●	13	555567	1	Sleeve, Crankshaft	
●	14	2500957	1	Collar, Crankshaft	
●	15	2809964	1	Ring	
<b>ABC</b>	16	2500836	1	Metal, Crankshaft	STD Set
<b>DE</b>	16	2809965	1	Metal, Crankshaft	STD Set
<b>ABC</b>	16	2500841	1	Metal, Crankshaft	-0.20 mm Set
<b>DE</b>	16	2809966	1	Metal, Crankshaft	-0.20 mm Set
<b>ABC</b>	16	2500842	1	Metal, Crankshaft	-0.40 mm Set
<b>DE</b>	16	2809967	1	Metal, Crankshaft	-0.40 mm Set
●	17	REF	4	Metal, Crankshaft	See 8.1
●	18	553093	2	Metal, Side	STD Set
●	18	2500812	2	Metal, Side	-0.20 mm Set
●	18	2500813	2	Metal, Side	-0.40 mm Set
●	19	553094	2	Metal, Side	STD Set
●	19	2500868	2	Metal, Side	-0.20 mm Set
●	19	2500869	2	Metal, Side	-0.40 mm Set

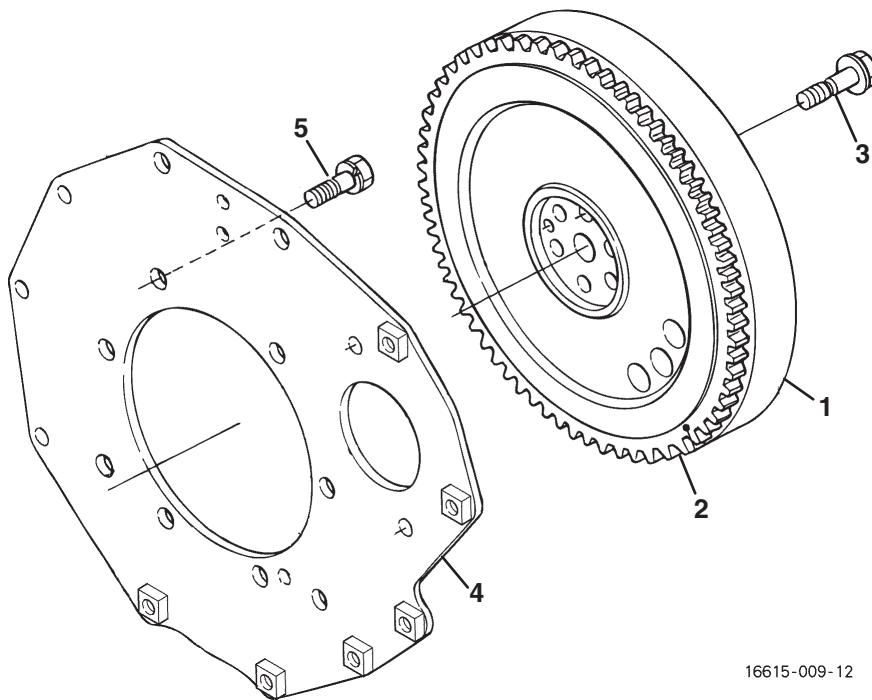
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**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 10.1 Flywheel



16615-009-12

# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	5001302	1	Comp. Flywheel	
●	2	4177268	1	Gear, Ring	
●	3	555571	6	Bolt, Flywheel	
●	4	2500958	1	Plate, Rear End	
●	5	2500959	8	Bolt	

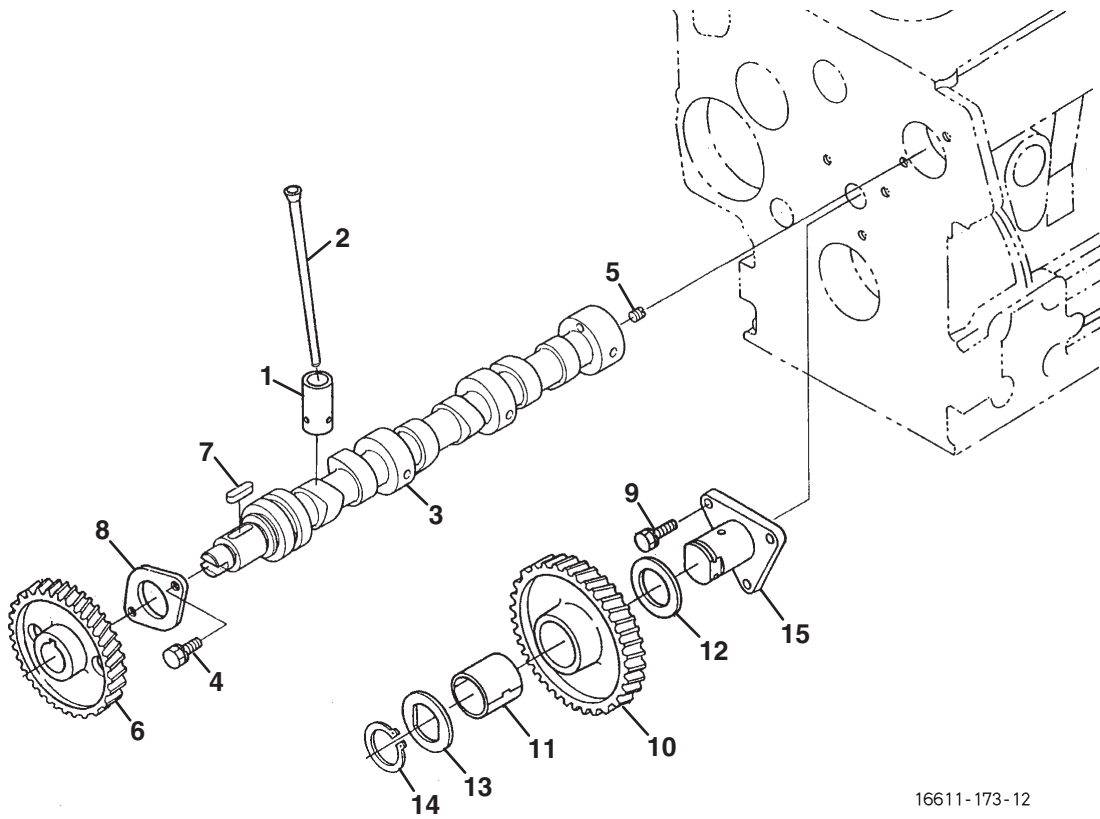
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## 11.1 Camshaft and Idle Gear





# KUBOTA V1505-T-E3B

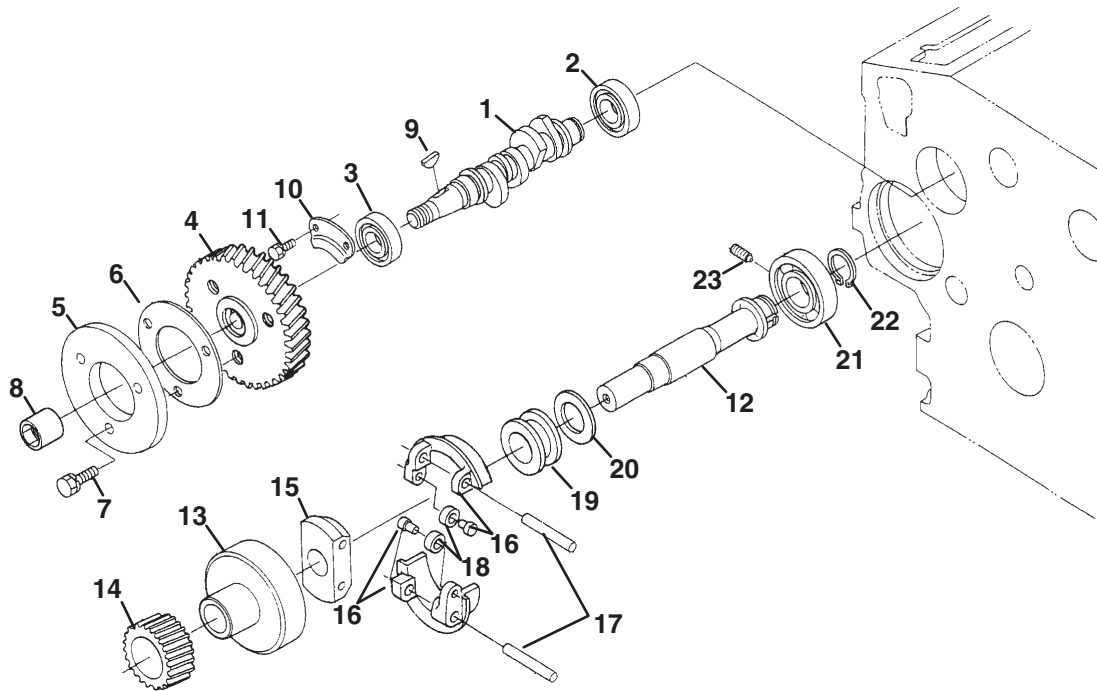
Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	4177265	8	Tappet	
●	2	2500939	8	Push Rod	
●	3	4177266	1	Assy Camshaft	
●	4	550362	2	• Bolt	
●	5	553067	1	• Screw, Set	
●	6	2500940	1	• Gear, Cam	
●	7	553860	1	• Key, Feather	
●	8	2500941	1	• Stopper, Camshaft	
●	9	550362	3	Bolt	
●	10	2500942	1	Comp Gear, Idle	
●	11	2500943	1	• Bush, Idle Gear	
●	12	2500944	1	Collar, Idle Gear	
●	13	2500945	1	Collar, Idle Gear	
●	14	2500946	1	Cir Clip, Idle Gear	
●	15	2500947	1	Shaft, Idle Gear	

● - Used on All Engines

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> Change from previous revision



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	5000896	1	Camshaft, Fuel	
●	2	4165622	1	Bearing, Ball	
●	3	4165623	1	Bearing, Ball	
●	4	2500968	1	Gear, Injection Pump	
●	5	2500965	1	Cam, Fuel	
●	6	5001244	1	Washer	
●	7	550363	3	Bolt	
●	8	2500966	1	Nut	
●	9	2500967	1	Key, Woodruff	
●	10	2500969	1	Stopper, Fuel.c/shaft	
●	11	550362	2	Bolt	
●	12	557933	1	Assy Shaft, Governor	
		5003289	1	Shaft, Governor	
●	13	5001247	1	Holder, Governor Gear	
●	14	2500972	1	Gear, Governor	
●	15	2500973	1	Holder, Gov. Weight	
●	16	5001246	2	Comp. Weight, Governor	
●	17	2500975	2	Shaft, Gov. Weight	
●	18	5001314	2	Roller	
●	19	2500976	1	Sleeve, Governor	
●	20	5001147	1	Washer, Thrust	
●	21	4165624	1	Bearing, Ball	
●	22	2500979	1	Cir Clip, Gov. Shaft	
●	23	2500980	1	Screw, Set	

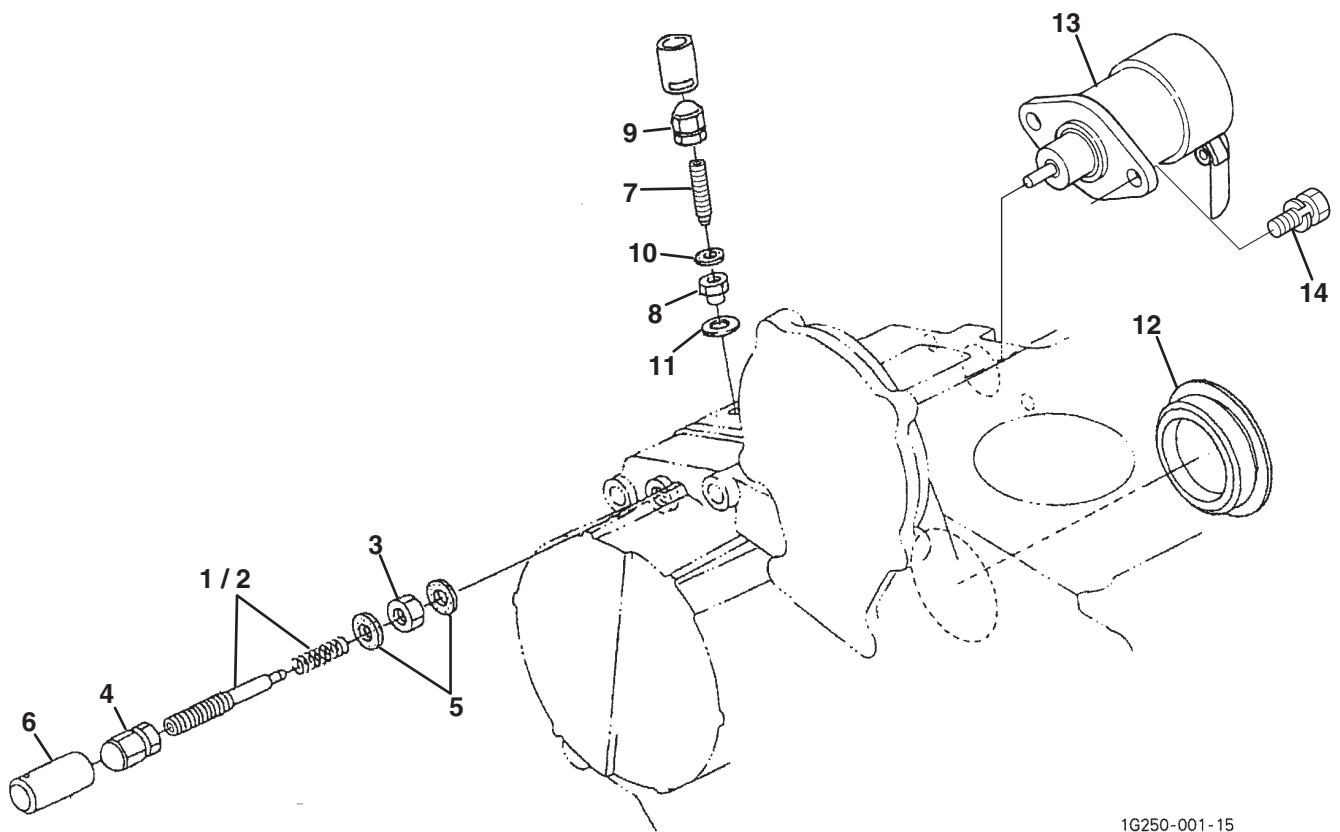
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## 13.1 Idle Apparatus



1G250-001-15

# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	557934	1	Apparatus, Idling	
●	2	5001257	1	Assy Bolt, Adjustment	
●	3	5002018	1	Nut	
●	4	4177269	1	Nut	
●	5	553143	2	Gasket	
●	6	4165442	1	Cap	
●	7	2500987	1	Bolt, Adjusting	
●	8	4177270	1	Nut, Lock	
●	9	4177271	1	Nut	
●	10	553143	1	Gasket	
●	11	4145906	1	Gasket	
●	12	5001275	1	Cover, Hydraulic Pump	
●	13	2811021	1	Assy Solenoid, Stop	
●	14	550361	2	Bolt	

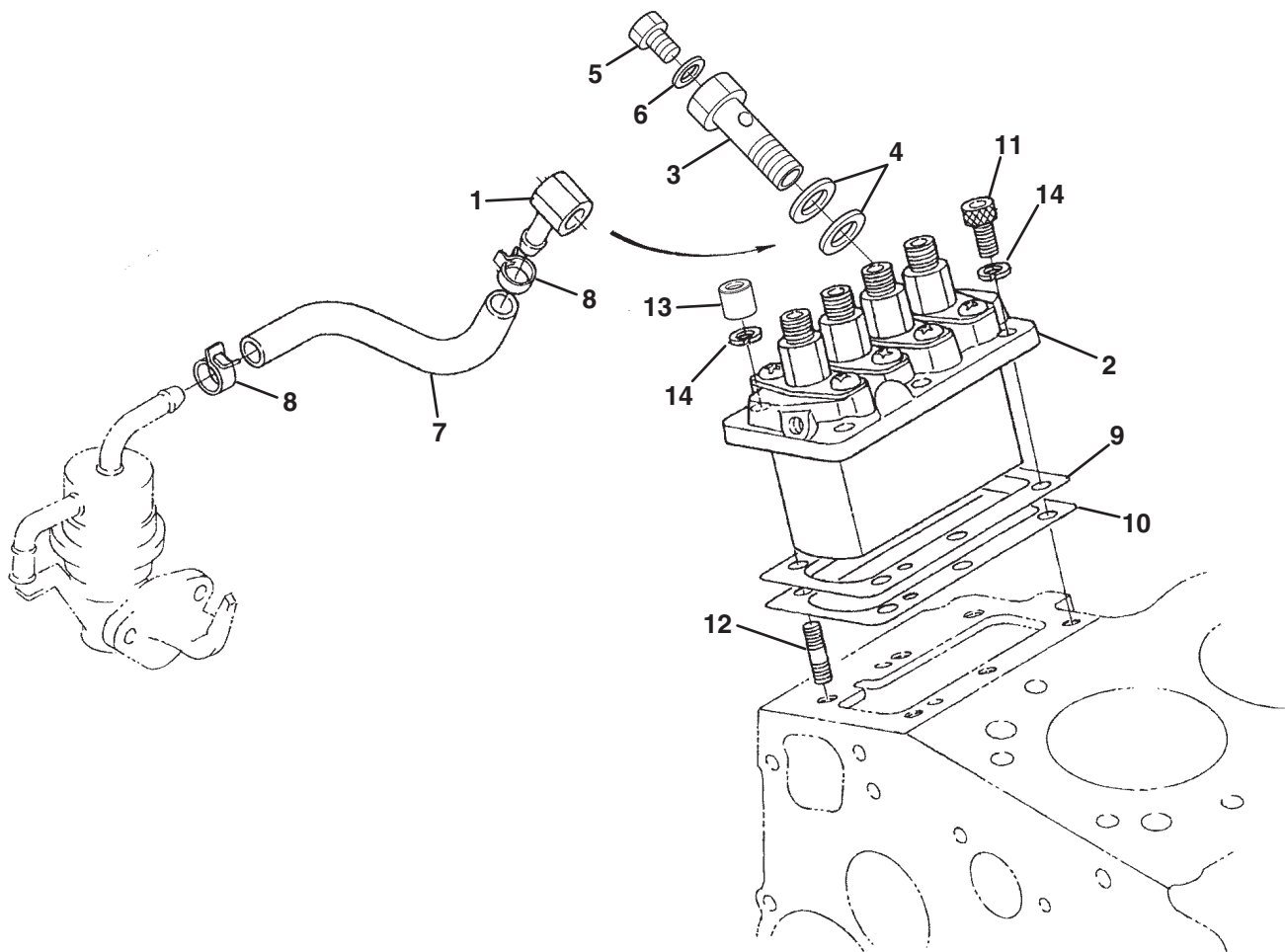
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 14.1 Injection Pump



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	2500961	1	Joint, Eye	
●	2	5000895	1	Assy Pump, Injection	
●	3	5001215	1	• Bolt, Joint	
●	4	554116	2	• Gasket	
●	5	554036	1	• Screw	
●	6	554117	1	• Gasket	
●	7	557923	1	Assy Pipe, Fuel	
●	8	2501029	2	Clip	
●	9	4177272	1	Shim, Injection Pump	0.175 mm
●	9	5000887	1	Shim, Injection Pump	0.200 mm
●	9	5000907	1	Shim, Injection Pump	0.250 mm
●	10	5001119	1	Shim, Injection Pump	0.300 mm
●	10	4177273	1	Shim, Injection Pump	0.350 mm
●	11	553848	2	Bolt, Hex-soc-hd	
●	12	554099	2	Stud	
●	13	554104	2	Nut	
●	14	5001160	4	Washer, Spring	

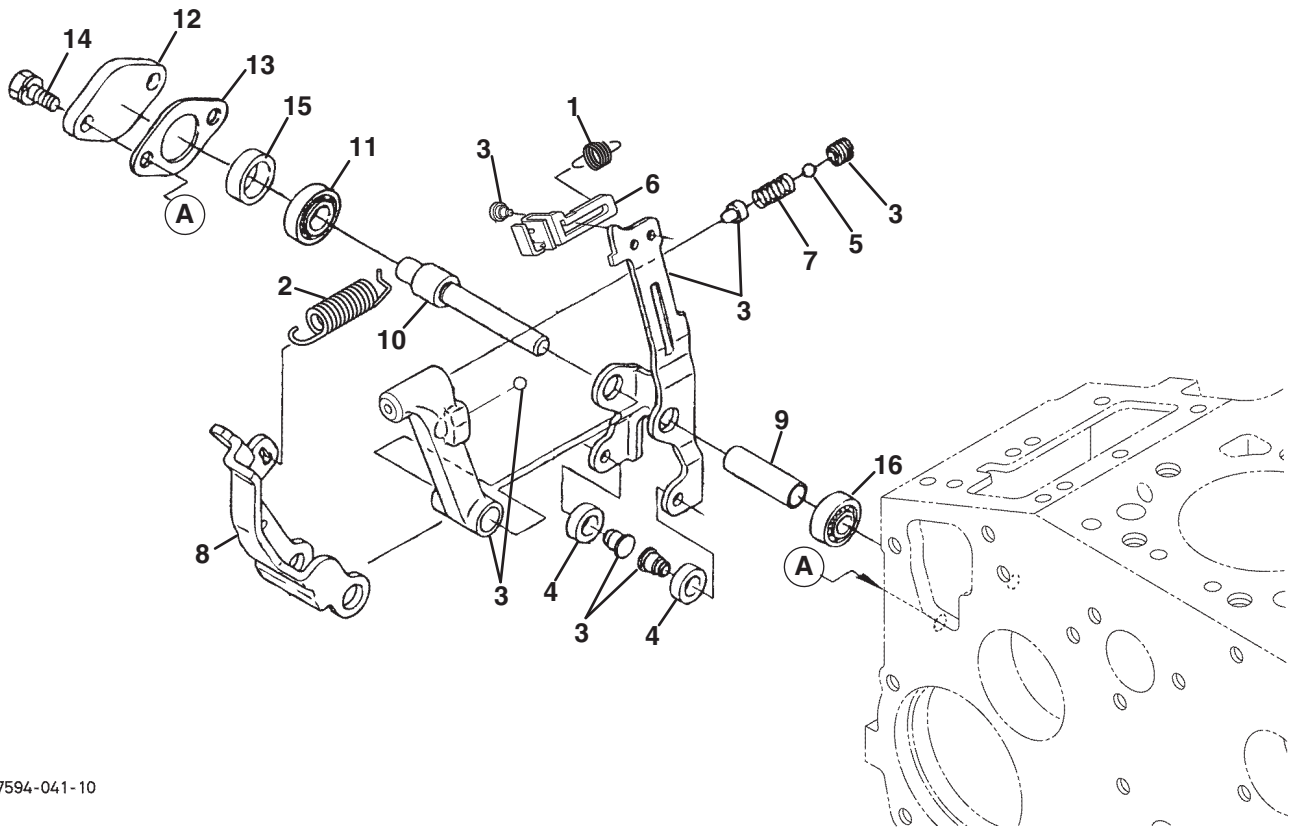
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 15.1 Governor



17594-041-10



Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
<b>ADE</b>	1	557937	1	Spring, Start	
●	2	5001287	1	Spring, Governor	
<b>A</b>	3	4185840	1	Assy Lever, Fork	
<b>B</b>	3	4164661	1	Assy Lever, Fork	
●	4	5001314	2	• Roller	
●	5	5001237	1	• Spring	
●	6	550432	2	• Ball	
●	7	2500992	1	• Lever, Thrust	
●	8	4177278	1	• Lever, Fork	
●	9	4177279	1	• Shaft, Fork Lever	
●	10	4177280	1	• Shaft, Fork Lever	
●	11	2500995	1	• Bearing, Miniaturize	
●	12	2500997	1	Cover, Fork Lev. Shaft	
●	13	2500845	1	Gasket	
●	14	550360	2	Bolt	
●	15	2500998	1	Collar	
●	16	2500999	1	Bearing, Miniaturize	

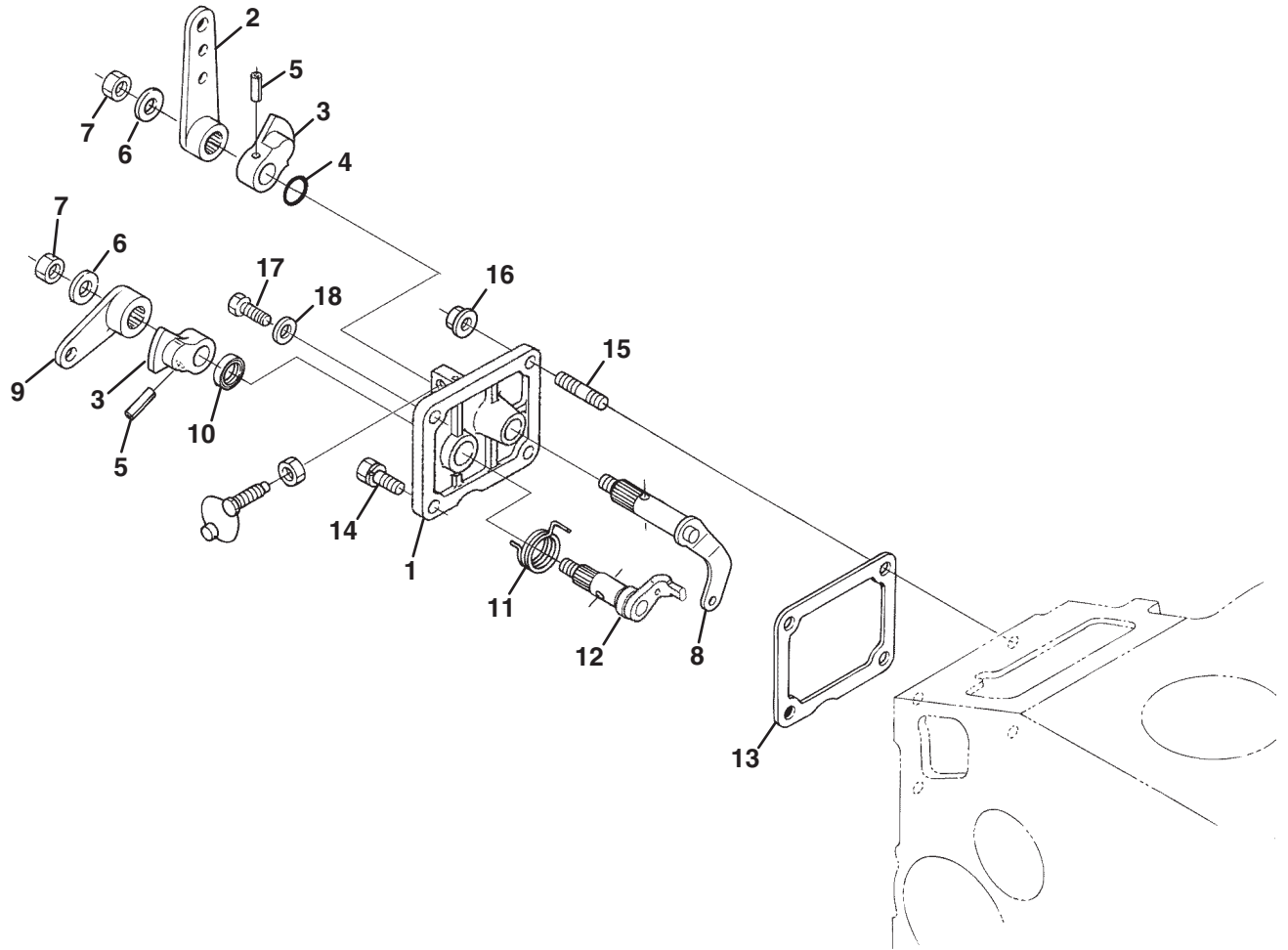
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 16.1 Speed Control Plate



16614-016-24

# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	2809973	1	Assy Plate, Control	
●	2	2501000	1	• Lever, Speed Control	
●	3	2501001	2	• Lever, Speed Control	
●	4	2809974	1	• O Ring	
●	5	550425	2	• Pin, Spring	
●	6	2501002	2	• Washer, Plain	
●	7	2501003	2	• Nut	
●	8	2501004	1	• Comp. Lever, Governor	
●	9	2501005	1	• Lever, Engine Stop	
●	10	2501006	1	• Seal, Oil	
●	11	2501007	1	• Spring, Return	
●	12	2501008	1	• Shaft, Stop Lever	
●	13	5001272	1	Gasket	
●	14	550362	1	Bolt	
●	15	550386	2	Stud	
●	16	550395	2	Nut	
●	17	553846	1	Bolt	
●	18	553143	1	Gasket	

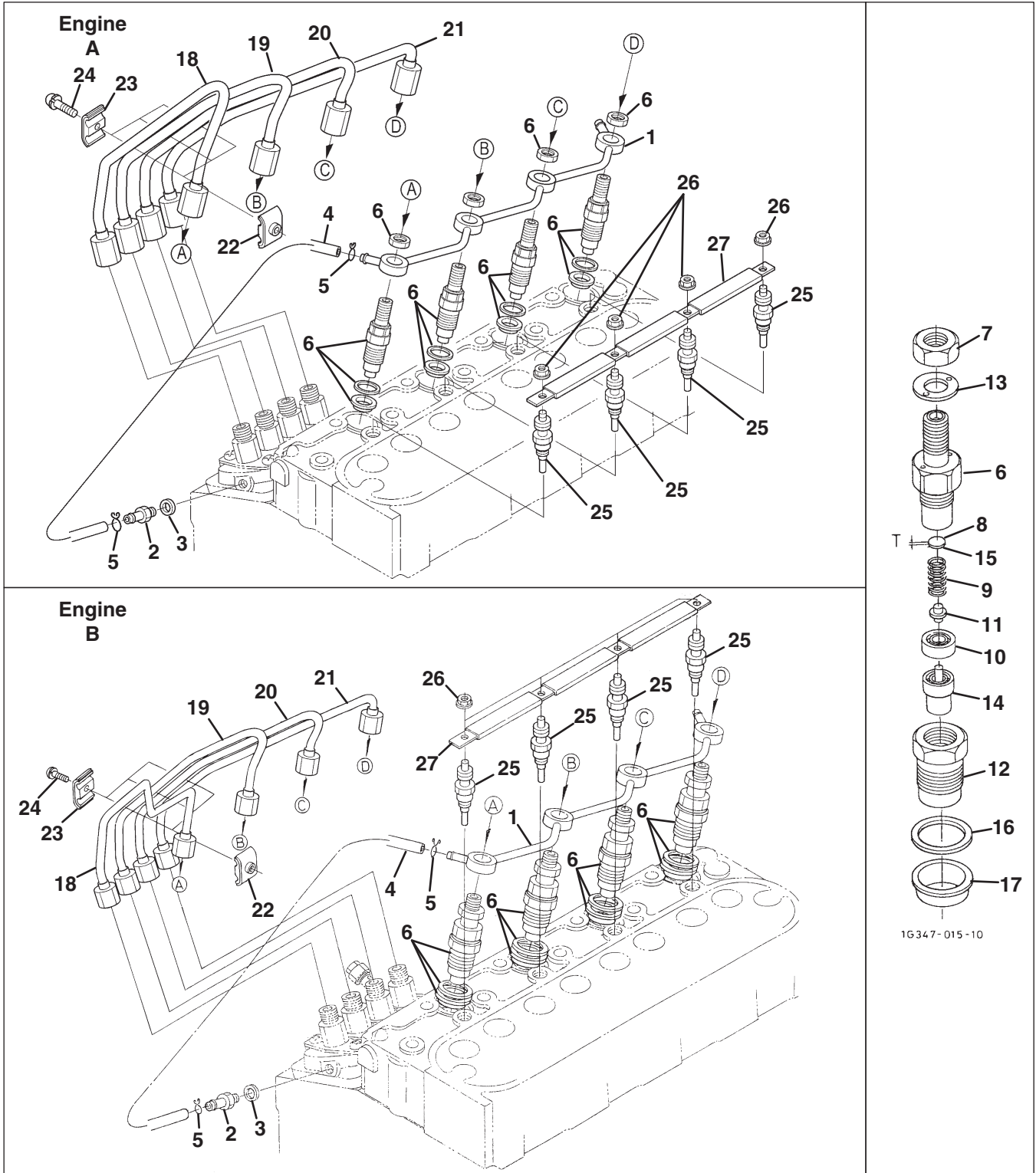
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 17.1 Nozzle Holder and Glow Plug



# KUBOTA V1505-T-E3B

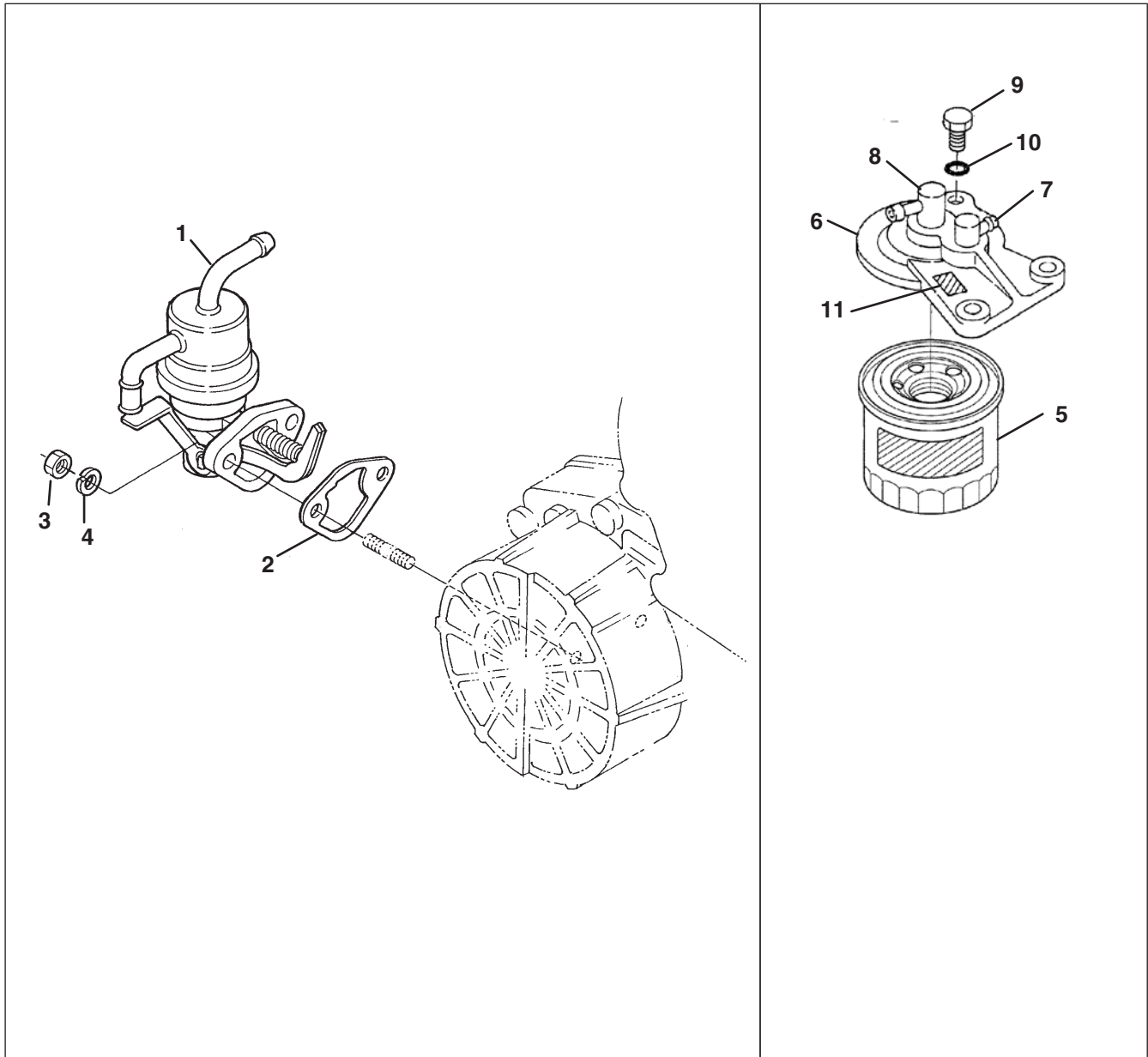
Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
ABC	1	557914	1	Assy Pipe, Over Flow	
●	2	554037	1	Screw, Air Bleeder	
●	3	553143	1	Gasket	
●	4	554022	1	Assy Pipe, Over Flow	
●		4177275	1	• Pipe, Fuel Over Flow	
●	5	553105	2	• Clip,pipe	
●	6	4177276	4	Kit Holder, Nozzle	
●	7	5001224	1	• Nut	
●	8	5001220	1	• Washer, Adjusting	
●	9	5001219	1	• Spring, Nozzle	
●	10	5001222	1	• Spacer, Distance	
●	11	5001218	1	• Push Rod	
●	12	5001221	1	• Nut, Nozzle	
●	13	5001225	1	• Washer, Plain	
●	14	4177277	1	• Piece, Nozzle	
●		5001226	1	• Assy Washer, Adjust	
●	15	5001227	1	• • Washer, Adjusting	0.10 mm
●	15	5001228	1	• • Washer, Adjusting	0.20 mm
●	15	5001229	1	• • Washer, Adjusting	0.30 mm
●	15	5001230	1	• • Washer, Adjusting	0.40 mm
●	15	5001231	1	• • Washer, Adjusting	0.50 mm
●	15	5001232	1	• • Washer, Adjusting	0.52 mm
●	15	5001233	1	• • Washer, Adjusting	0.54 mm
●	15	5001234	1	• • Washer, Adjusting	0.56 mm
●	15	5001235	1	• • Washer, Adjusting	0.58 mm
●	15	5001236	1	• • Washer, Adjusting	0.80 mm
●	16	554051	1	• Gasket	
●	17	557352	1	• Seal,heat	
A	18	5000901	1	Pipe, Injection	
B	18	2809975	1	Pipe, Injection	
●	19	5000902	1	Pipe, Injection	
●	20	5000903	1	Pipe, Injection	
●	21	5000904	1	Pipe, Injection	
●	22	554054	2	Clamp, Pipe	
●	23	554055	2	Clamp, Pipe	
●	24	550401	2	Screw, With Washer	
ABC	25	4177227	3	Glow Plug	
DE	25	5002743	3	Glow Plug	
●	26	5001152	3	• Nut, Flange	
●	27	557917	1	Cord, Glow Plug	

● - Used on All Engines

A - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

B - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	557292	1	Assy Pump, Fuel	
●	2	5001922	1	Gasket, Fuel Pump	
●	3	550395	2	Nut	
●	4	5001160	2	Washer, Spring	
●		5001189	1	Assy Filter, Fuel	
●	5	2500809	1	• Element, Filter	
●	6	2501023	1	• Assy Cover, Filter	
●	7	557357	1	• • Joint, Pipe	
●	8	557358	1	• • Joint, Pipe	
●	9	2501024	1	• Plug, Filter Breather	
●	10	2501025	1	• O Ring	
●	11	2501026	1	• Mark, Form	

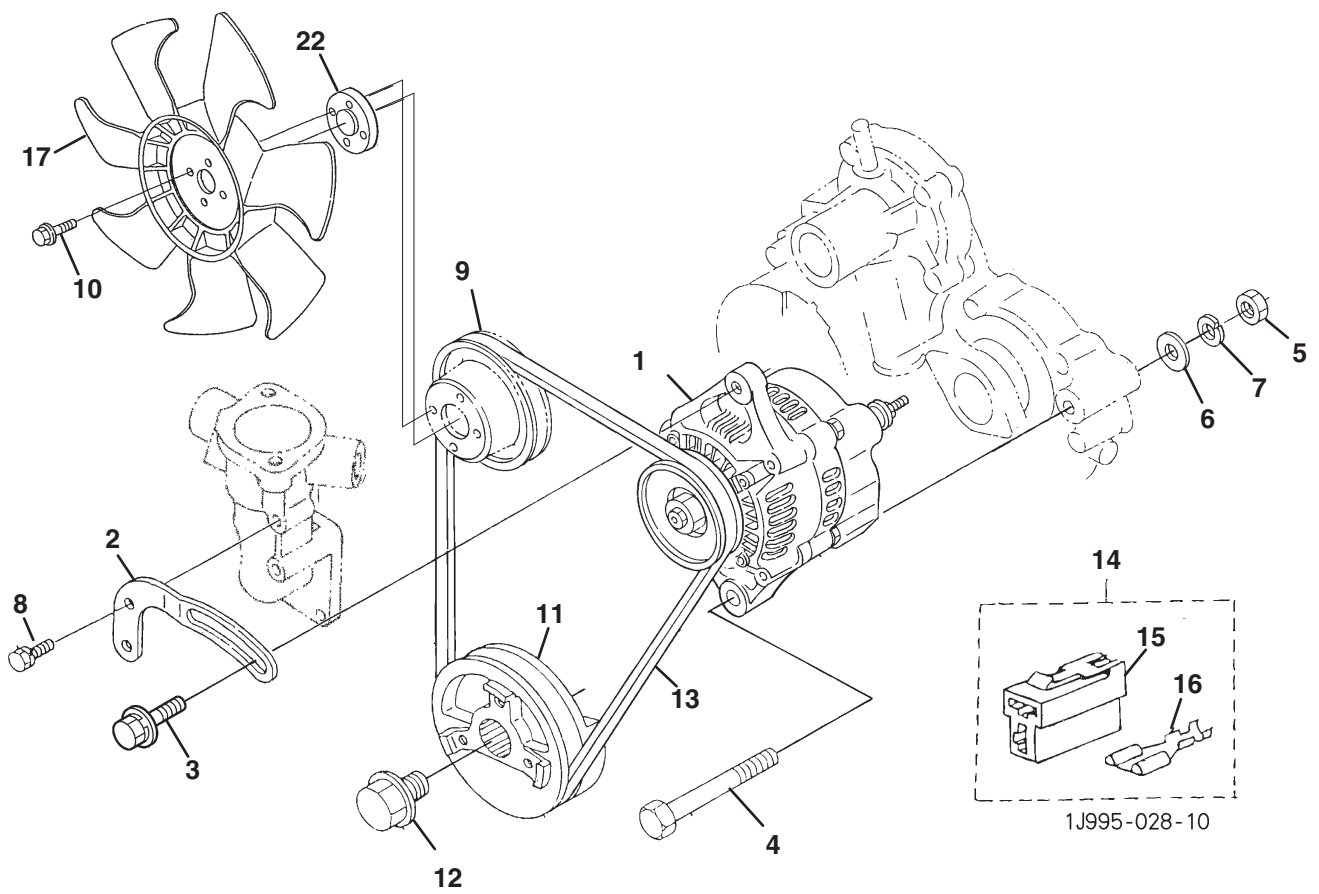
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 19.1 Alternator and Pulleys





# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	2810354	1	Assy Alternator	
●	2	557941	1	Stay, Dynamo	
●	3	4134321	1	Bolt	
●	4	557942	1	Bolt	
●	5	594348	1	Nut	
●	6	594350	1	Washer, Plain	
●	7	5001160	1	Washer, Spring	
●	8	550362	1	Bolt	
●	9	2501014	1	Pulley, Fan	
●	10	5003269	4	Bolt, Flange	
●	11	5003082	1	Pulley, Fan Drive	
●	12	2501017	1	Bolt, Fan Drive	
●	13	5001284	1	V Belt	
●	14	557981	1	Coupler	
●	15	5003298	1	Connector	
●	16	5003299	2	Terminal	
●	17	5002776	1	Fan	

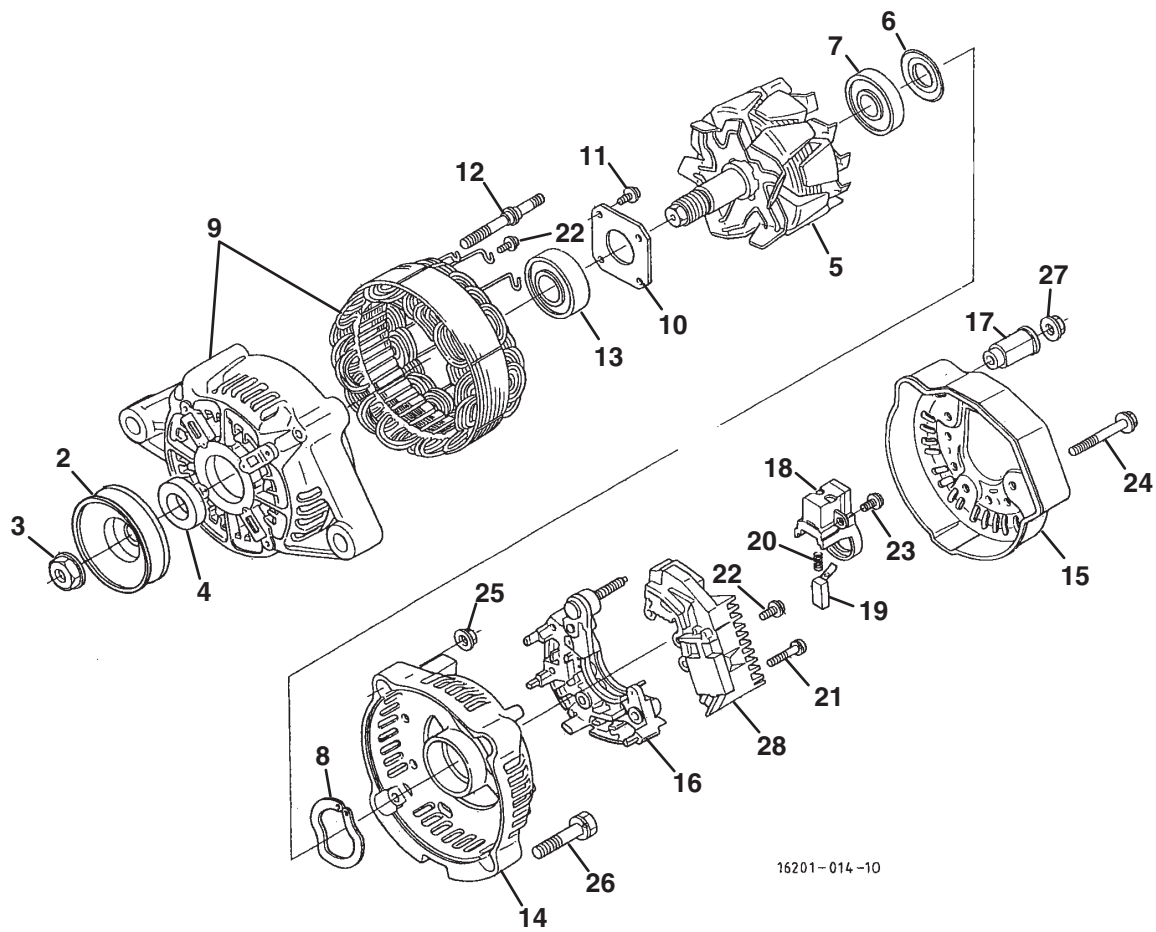
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 20.1 Alternator



16201-014-10

# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	2810354	1	Assy Alternator	
●	2	557947	1	• Pulley, Dynamo	
●	3	557948	1	• Nut	
●	4	557949	1	• Collar	
●	5	4145943	1	• Rotor	
●	6	557951	1	• • Cover, Bearing	
●	7	4145838	1	• • Bearing, Ball	
●	8	557953	1	• Washer, Thrust	
●	9	4145942	1	• Frame, Drive End	
●	10	5001210	1	• • Plate, Retainer	
●	11	557956	4	• • Screw, Round Head	
●	12	557957	2	• • Bolt, Through	
●	13	4135839	1	• • Bearing, Ball	
●	14	4145828	1	• Frame, End	
●	15	4145829	1	• Cover, End	
●	16	557961	1	• Assy Rectifier	
●	17	557962	1	• Bush, Insulation	
●	18	4145837	1	• Holder, Brush	
●	19	557964	2	• • Brush	
●	20	557965	2	• • Spring, Brush	
●	21	557966	2	• Screw, Round Head	
●	22	557967	6	• Screw, Round Head	
●	23	557968	1	• Screw, Round Head	
●	24	557969	3	• Bolt	
●	25	557970	2	• Nut	
●	26	557971	2	• Bolt	
●	27	557972	1	• Nut	
●	28	2810355	1	• Assy Regulator	

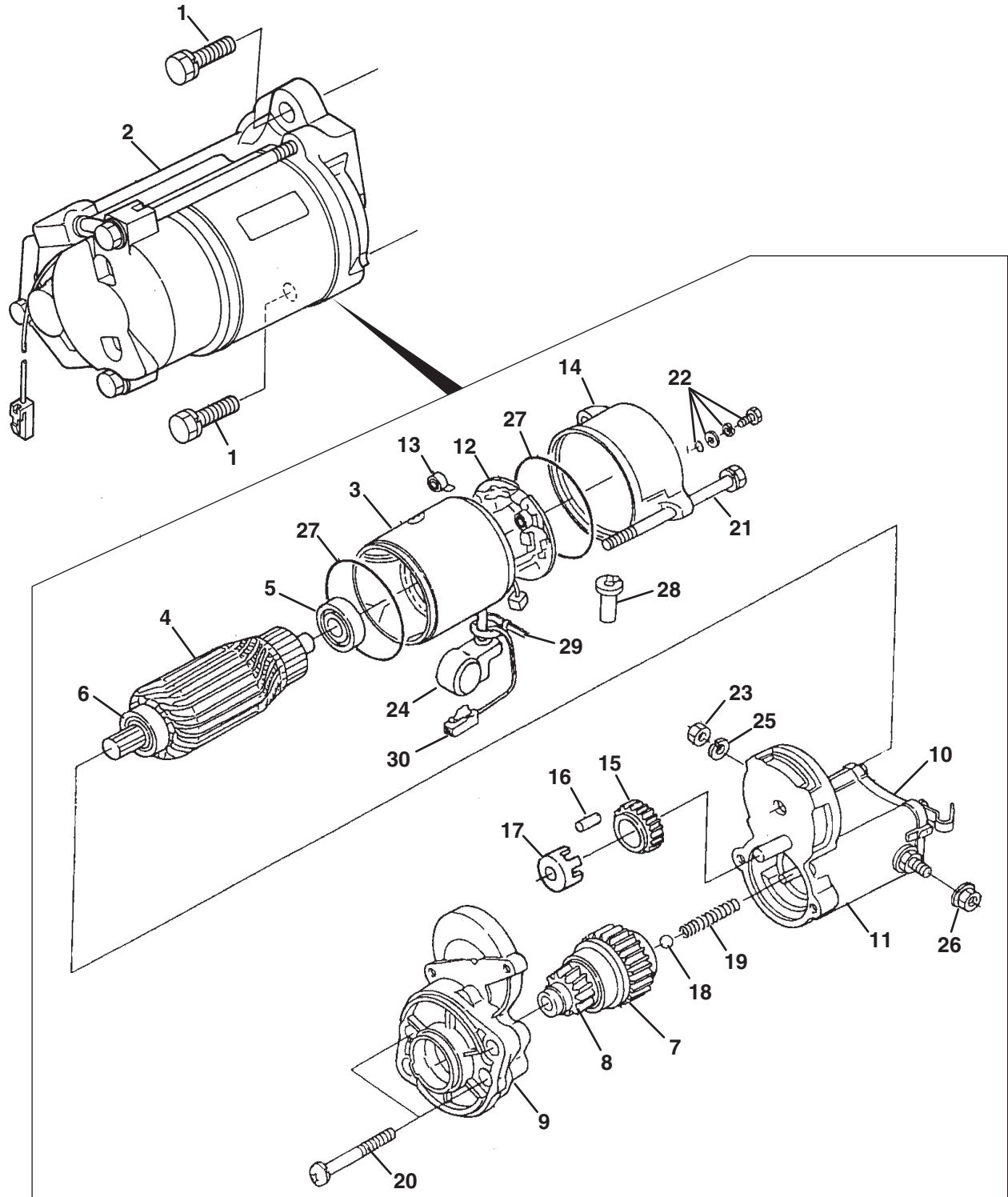
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 21.1 Starter



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	2500960	2	Bolt	
●	2	557888	1	Assy Starter	
●	3	557890	1	• Yoke	
●	4	557891	1	• Armature	
●	5	557893	1	• Bearing	
●	6	557892	1	• Bearing	
●	7	557894	1	• Assy Clutch	
●	8	557895	1	• Pinion, Bevel	
●	9	557896	1	• Assy Housing	
●	10	557897	1	• Assy Switch, Magnetic	
●	11	4145832	1	• Assy Cover	
●	12	557898	1	• Assy Holder, Brush	
●	13	557899	4	• Spring, Brush	
●	14	557900	1	• Assy Frame, End	
●	15	2810751	1	• Gear	
●	16	557902	5	• Roller	
●	17	557903	1	• Retainer	
●	18	557904	1	• Ball	
●	19	557905	1	• Spring	
●	20	557906	2	• Bolt	
●	21	557907	2	• Bolt, Through	
●	22	557908	2	• Assy Bolt	
●	23	557912	1	• Nut, Hexagon	
●	24	557910	1	• Cover	
●	25	557911	1	• Washer, Spring	
●	26	557909	1	• Nut, Hexagon	
●	27	5001244	2	• O Ring	
●	28	5003301	1	• Pipe, drain	
●	29	557913	1	• Cord, Stop Solenoid	
●	30	5001292	1	• Band, Cover	

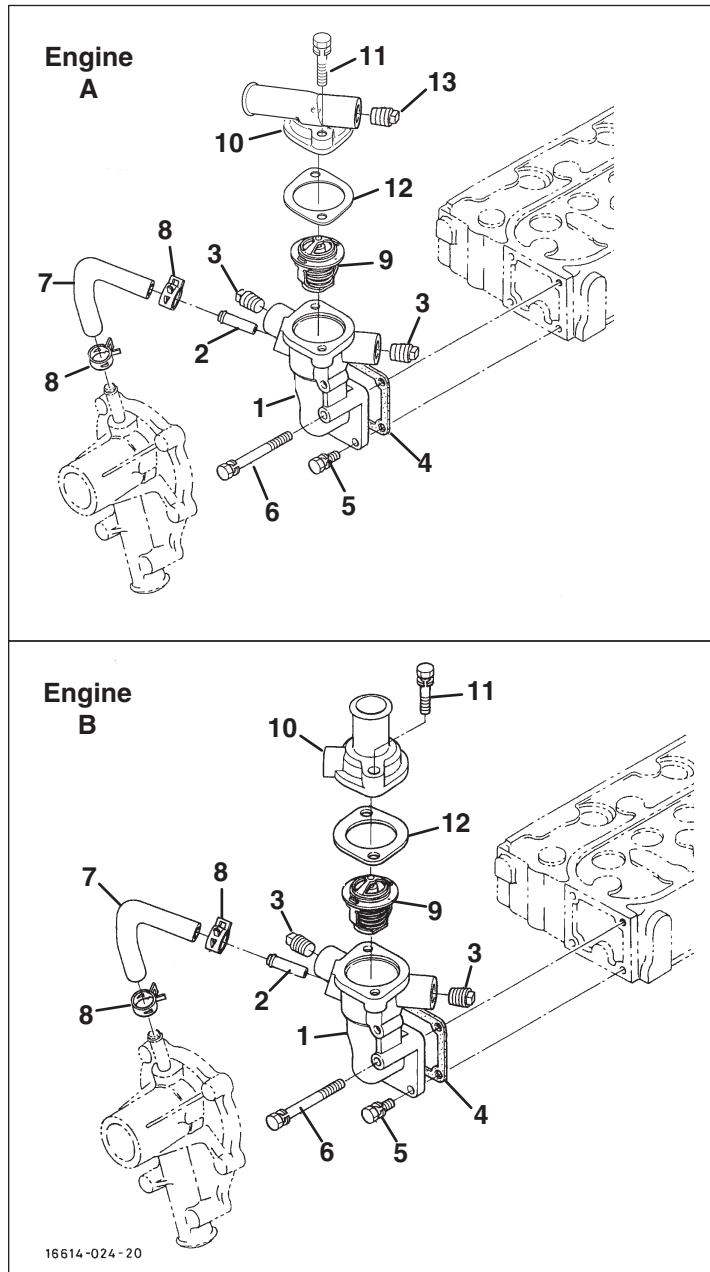
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 22.1 Water Flange and Thermostat



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	5001297	1	Comp. Flange, Water	
●	2	557975	1	Pipe, Water Return	
●	3	4134361	2	Plug	
●	4	5001273	1	Gasket, Water Flange	
●	5	550362	3	Bolt	
●	6	2500899	1	Bolt	
●	7	5001254	1	Pipe, Water Return	
●	8	2501011	2	Band, Pipe	
●	9	556412	1	Assy Thermostat	
●	10	5003172	1	Cover, Thermostat	
●	10	5003479	1	Cover, Thermostat	
●	11	4134370	1	Gasket, Thermostat	
●	12	594334	2	Bolt	
A	13	5003303	1	Plug	
A	14	552972	1	Gasket	

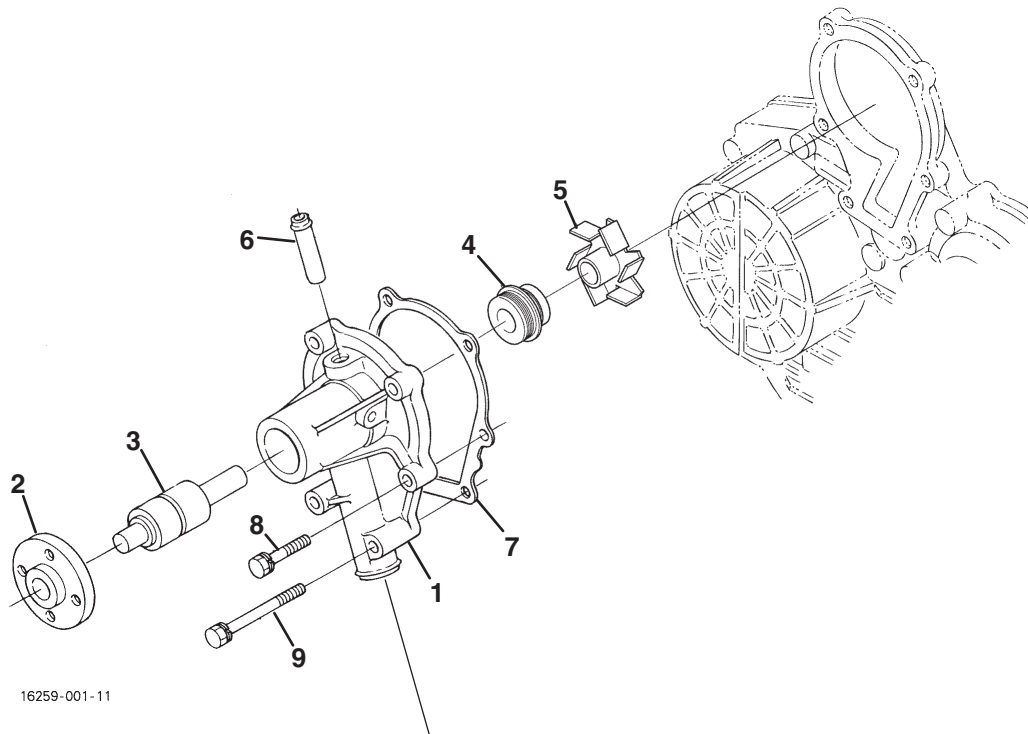
● - Used on All Engines

A - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

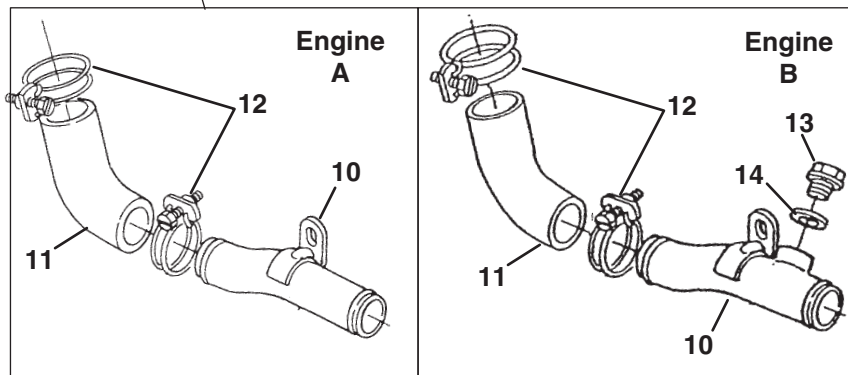
B - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 23.1 Water Pump



16259-001-11





# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	4165525	1	Assy Pump, Water	
●	2	557866	1	Flange, Water Pump	
●	3	557863	1	Bearing	
●	4	4155662	1	Assy Seal, Mechanical	
●	5	557865	1	Impeller, Water Pump	
●	6	557571	1	Pipe, Water Return	
●	7	557867	1	Gasket, Water Pump	
●	8	2500917	4	Bolt	
●	9	2501021	2	Bolt	
<b>A</b>	10	557980	1	Pipe, Water	
<b>B</b>	10	2809976	1	Pipe, Water	
●	11	4165647	1	Pipe, Water	
●	12	2501013	2	Clamp	

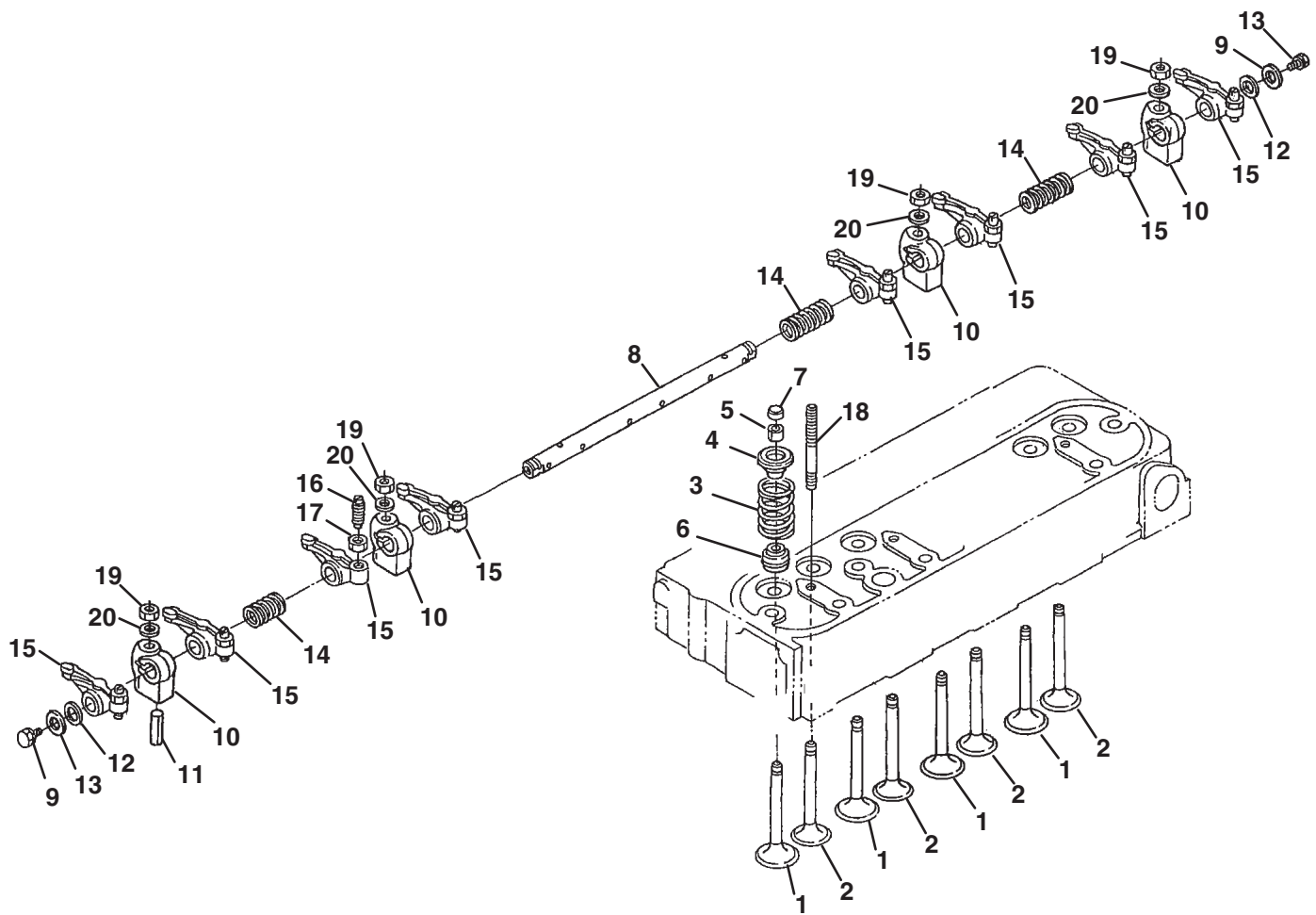
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 24.1 Valve and Rocker Arm



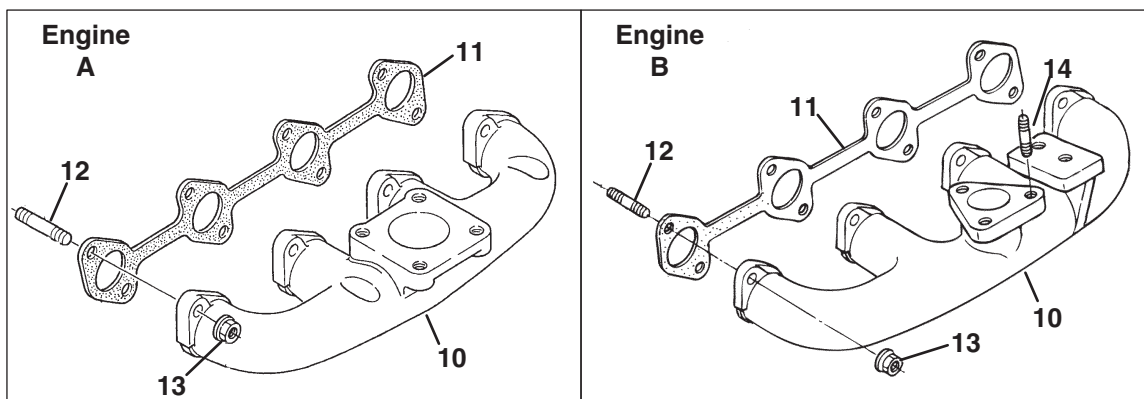
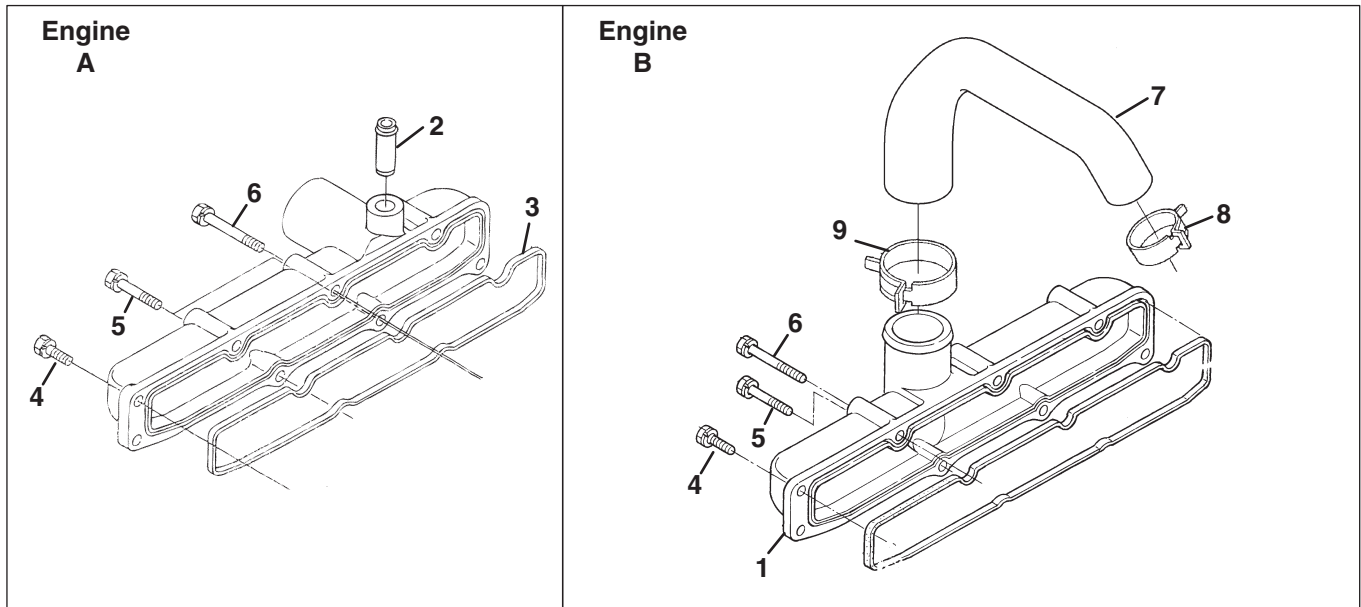
Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	2500827	4	Valve, Inlet	
A	2	2500828	4	Valve, Exhaust	
B	2	2809956	4	Valve, Exhaust	
A	3	2500920	8	Spring, Valve	
B	3	550580	8	Spring, Valve	
●	4	4165620	8	Retainer, Spring	
●	5	2500922	8	Collet, Valve Spring	
●	6	2500923	8	Seal, Valve Stem	
●	7	2500924	8	Cap, Valve	
●	8	557880	1	Shaft, Rocker Arm	
●	9	553839	2	Bolt	
●	10	2500926	4	Bracket, Rocker Arm	
●	11	2809978	1	Pin, Spring	
●	12	2500928	2	Washer, R-arm.shaft	
●	13	554108	2	Washer, Plain	
●	14	2500930	2	Spring, Rocker Arm	
●	15	2500932	8	Assy Rocker Arm	
●	16	2500933	8	• Screw, Adjusting	
●	17	2500915	8	• Nut	
●	18	2500935	4	Stud	
●	19	2500936	4	Nut	
●	20	2500937	4	Washer, Plain	

● - Used on All Engines

A - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

B - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision



# KUBOTA V1505-T-E3B

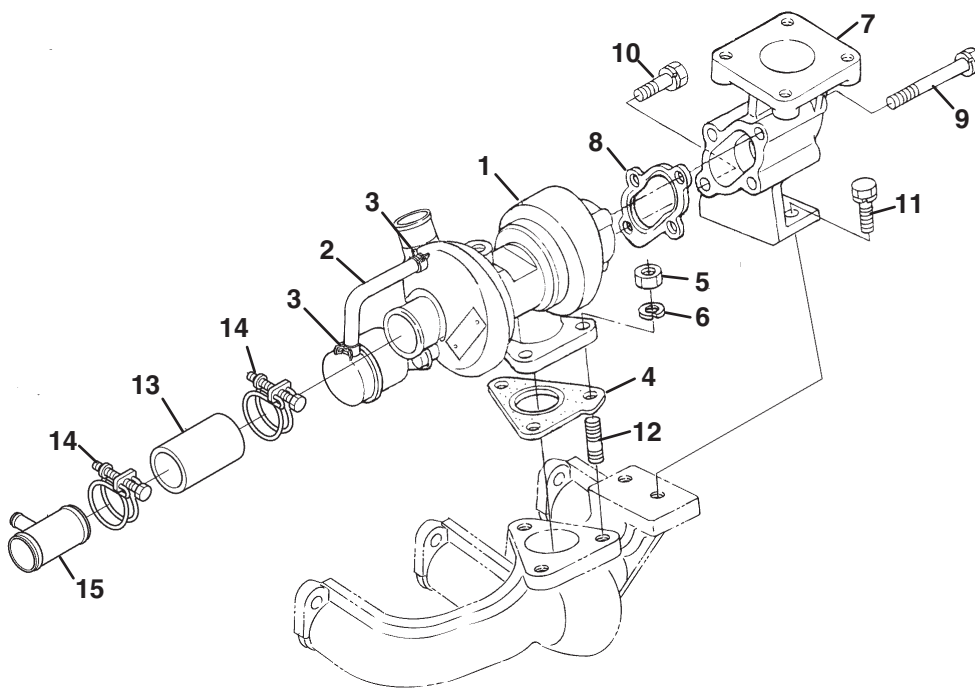
Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
A	1	4185842	1	Assy Manifold, Inlet	
B	1	2809979	1	Assy Manifold, Inlet	
A	2	2500911	1	Joint, Breather Pipe	
●	3	557878	1	Gasket, In-manifold	
●	4	550363	3	Bolt	
●	5	2500917	2	Bolt	
●	6	5001875	3	Bolt	
B	7	4177242	1	Hose, Inlet	
B	8	4177243	1	Clamp, Hose	
B	9	4177244	1	Clamp, Hose	
A	10	5003270	1	Manifold, Exhaust	
B	10	2809980	1	Manifold, Exhaust	
●	11	5001262	1	Gasket, Ex-manifold	
●	12	2500918	8	Stud	
●	13	2500919	8	Nut	
B	14	4134402	3	Stud	

● - Used on All Engines

A - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

B - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision



1J993-018-10

# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
<b>B</b>	1	4177245	1	Assy Turbo Charger	
<b>B</b>	2	4177246	1	• Assy Hose	
<b>B</b>	3	4177247	2	• • Clamp, Hose	
<b>B</b>	4	5002750	1	Gasket	
<b>B</b>	5	550398	3	Nut	
<b>B</b>	6	550409	3	Washer, Spring	
<b>B</b>	7	2810896	1	Flange, Muffler	
<b>B</b>	8	5002749	1	Gasket	
<b>B</b>	9	5003482	3	Bolt	
<b>B</b>	10	5003283	1	Bolt	
<b>B</b>	11	550379	2	Bolt	
<b>B</b>	12	4134402	3	Stud	
<b>B</b>	13	4177248	1	Tube, Inlet Turbo	
<b>B</b>	14	4177249	2	Band	
<b>B</b>	15	4177250	1	Pipe, Inlet Breather	

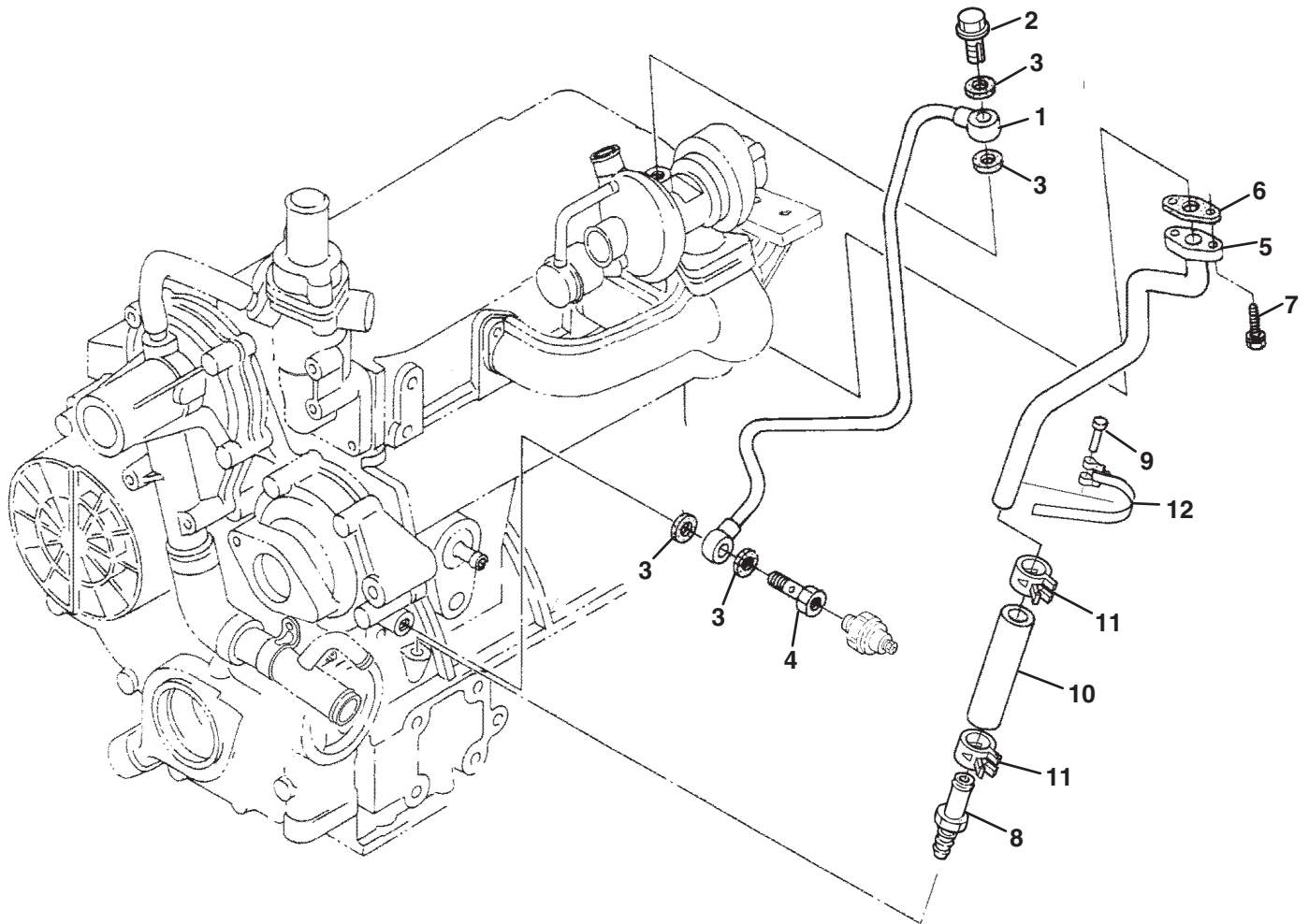
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 27.1 Turbo Charger Oil Pipes Turbo Engines





# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
<b>B</b>	1	2809985	1	Comp. Pipe, Oil	
<b>B</b>	2	4134414	1	Bolt, Eye Joint	
<b>B</b>	3	2810775	4	Gasket	
<b>B</b>	4	2810825	1	Bolt, Eye Joint	
<b>B</b>	5	2809986	1	Comp. Pipe, Oil	
<b>B</b>	6	4138248	1	Gasket	
<b>B</b>	7	550363	2	Bolt	
<b>B</b>	8	2809987	1	Assy Pipe, Oil	
<b>B</b>	9	4138252	1	Pin, Band	
<b>B</b>	10	2810824	1	Pipe, Oil	
<b>B</b>	11	5003612	2	Clamp, Hose	
<b>B</b>	12	5003613	1	Clamp, Pipe	

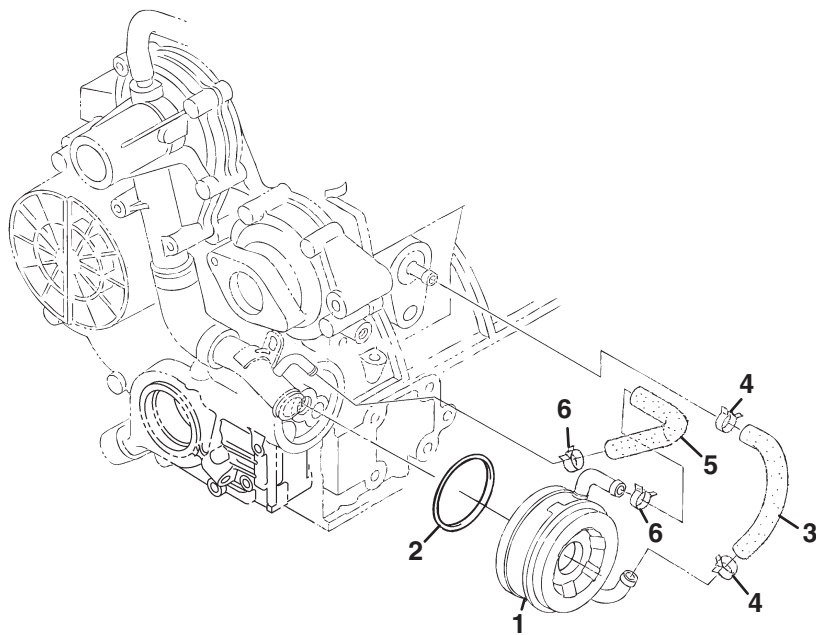
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 28.1 Turbo Engine Oil Cooler Turbo Engines Only



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
<b>B</b>	1	4177251	1	Assy Cooler, Oil	
<b>B</b>	2	4177252	1	• O Ring	
<b>B</b>	3	5002757	1	Pipe Cooler, Oil	
<b>B</b>	4	2501011	2	Band, Pipe	
<b>B</b>	5	5001254	1	Pipe, Water Return	
<b>B</b>	6	2501011	2	Band, Pipe	

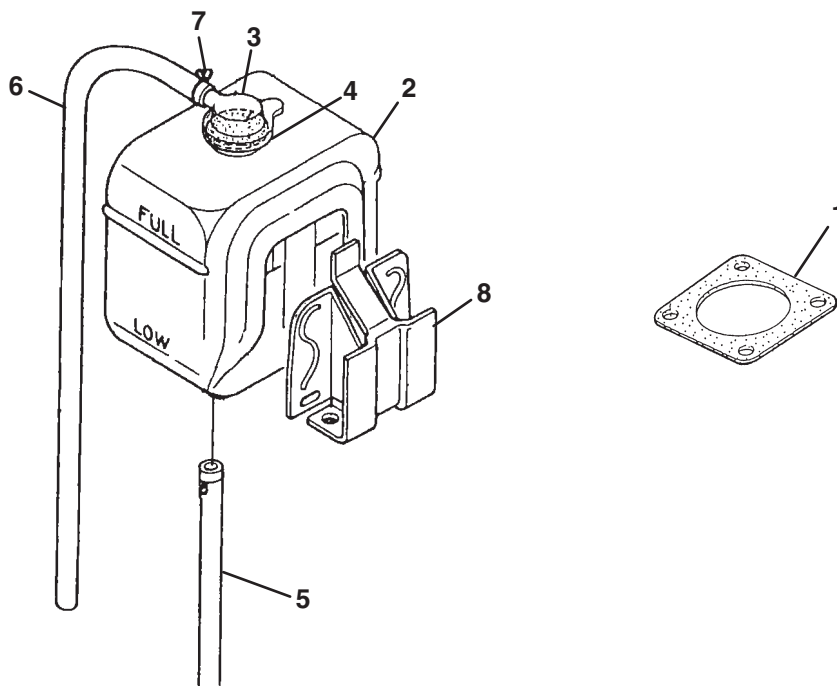
● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

## 29.1 Miscellaneous



# KUBOTA V1505-T-E3B

Engine	Item	Part No.	Qty.	Description	Serial Numbers/Notes
●	1	553020	1	Gasket, Muffler Na	
●	2	557367	1	Assy Tank Reserve	
●	3	557984	1	• Cap	
●	4	2500815	1	• Gasket	
●	5	557370	1	• Pipe, Water Over Flow	
●	6	557371	1	• Pipe, Water Over Flow	
●	7	553914	2	• Clip, Pipe	
●	8	557374	1	Stay, Reserve Tank	

● - Used on All Engines

**A** - LF 3400/LF-3800 (V1505-E3B-TXRN-1)

**B** - LF 3400 Turbo/LF 3800 Turbo/LF 4675/LF 4577 (V1505-T-E3B-TXRN-1)

> Change from previous revision

# INDEX

2500809.....	39	2500922.....	51	2501011.....	47, 59	4145831.....	9
2500811.....	7	2500923.....	51	2501013.....	49	4145832.....	45
2500812.....	21	2500924.....	51	2501014.....	41	4145837.....	43
2500813.....	21	2500926.....	51	2501017.....	41	4145838.....	43
2500815.....	61	2500928.....	51	2501021.....	49	4145906.....	29
2500822.....	7	2500930.....	51	2501023.....	39	4145911.....	13
2500824.....	19	2500932.....	51	2501024.....	39	4145912.....	13
2500825.....	19, 21	2500933.....	51	2501025.....	39	4145942.....	43
2500827.....	51	2500935.....	51	2501026.....	39	4145943.....	43
2500828.....	51	2500936.....	51	2501029.....	31	4145944.....	11, 13
2500831.....	21	2500937.....	51	2809955.....	11, 13	4155662.....	49
2500832.....	21	2500940.....	25	2809956.....	51	4164661.....	33
2500834.....	21	2500941.....	25	2809959.....	21	4165421.....	13
2500836.....	21	2500942.....	25	2809960.....	21	4165442.....	29
2500837.....	19	2500943.....	25	2809961.....	21	4165443.....	7
2500838.....	19	2500944.....	25	2809962.....	21	4165525.....	49
2500839.....	19	2500945.....	25	2809963.....	21	4165526.....	13
2500840.....	19	2500946.....	25	2809964.....	21	4165620.....	51
2500841.....	21	2500947.....	25	2809965.....	21	4165622.....	27
2500842.....	21	2500949.....	21, 25	2809966.....	21	4165623.....	27
2500843.....	19	2500950.....	21	2809967.....	21	4165624.....	27
2500844.....	19	2500951.....	21	2809968.....	19	4165647.....	49
2500845.....	33	2500953.....	21	2809969.....	19	4165655.....	13
2500868.....	21	2500954.....	21	2809970.....	19	4177221.....	9
2500869.....	21	2500955.....	21	2809973.....	35	4177222.....	13
2500874.....	5	2500957.....	21	2809974.....	35	4177223.....	19
2500875.....	5	2500958.....	23	2809975.....	37	4177224.....	19
2500877.....	5	2500959.....	23	2809978.....	51	4177226.....	21
2500878.....	5	2500960.....	45	2809979.....	53	4177227.....	37
2500879.....	5	2500961.....	31	2809980.....	53	4177229.....	9
2500880.....	5	2500965.....	27	2809985.....	57	4177230.....	11
2500881.....	5	2500966.....	27	2809986.....	57	4177231.....	13
2500882.....	5	2500967.....	27	2809987.....	57	4177232.....	13
2500883.....	5	2500968.....	27	2810354.....	41, 43	4177233.....	13
2500886.....	9	2500969.....	27	2810355.....	43	4177234.....	13
2500887.....	9	2500972.....	27	2810751.....	45	4177235.....	17
2500888.....	9	2500973.....	27	2810775.....	57	4177236.....	17
2500889.....	9	2500975.....	27	2810824.....	57	4177237.....	19
2500892.....	11	2500976.....	27	2810825.....	57	4177238.....	19
2500893.....	11	2500979.....	27	2810896.....	55	4177242.....	53
2500894.....	11	2500980.....	27	2811021.....	29	4177243.....	53
2500895.....	11	2500987.....	29	2812014.....	17	4177244.....	53
2500896.....	11	2500992.....	33	4134199.....	13	4177245.....	55
2500898.....	11	2500995.....	33	4134204.....	13	4177246.....	55
2500899.....	11, 47	2500997.....	33	4134321.....	41	4177247.....	55
2500900.....	11	2500998.....	33	4134361.....	47	4177248.....	55
2500901.....	11	2500999.....	33	4134370.....	47	4177249.....	55
2500902.....	11	2501000.....	35	4134402.....	53, 55	4177250.....	55
2500905.....	19	2501001.....	35	4134414.....	57	4177251.....	59
2500908.....	19	2501002.....	35	4135839.....	43	4177252.....	59
2500911.....	53	2501003.....	35	4138248.....	57	4177260.....	7
2500915.....	51	2501004.....	35	4138252.....	57	4177261.....	9
2500917.....	49, 53	2501005.....	35	4145652.....	13	4177262.....	15
2500918.....	53	2501006.....	35	4145828.....	43	4177263.....	19
2500919.....	53	2501007.....	35	4145829.....	43	4177265.....	25
2500920.....	51	2501008.....	35	4145830.....	9	4177266.....	25

# INDEX

4177268.....	23	5001257.....	29	550673.....	9	557865.....	49
4177269.....	29	5001262.....	53	550838.....	13	557866.....	49
4177270.....	29	5001269.....	11	550839.....	13	557867.....	49
4177271.....	29	5001270.....	19	552950.....	5	557873.....	13
4177272.....	31	5001272.....	35	552957.....	5	557878.....	53
4177273.....	31	5001273.....	47	552958.....	5	557880.....	51
4177275.....	37	5001275.....	29	552972.....	47	557883.....	21
4177276.....	37	5001276.....	11	552977.....	5	557886.....	21
4177277.....	37	5001284.....	41	552978.....	5, 9	557888.....	45
4177278.....	33	5001287.....	33	553020.....	61	557890.....	45
4177279.....	33	5001292.....	45	553067.....	25	557891.....	11, 45
4177280.....	33	5001297.....	47	553093.....	21	557892.....	45
4183596.....	13	5001302.....	23	553094.....	21	557893.....	45
4185840.....	33	5001308.....	5	553105.....	37	557894.....	45
4185842.....	53	5001314.....	27, 33	553143.....	29, 35, 37	557895.....	45
5000887.....	31	5001875.....	11, 53	553481.....	11	557896.....	45
5000892.....	21	5002018.....	29	553839.....	51	557897.....	45
5000895.....	31	5002033.....	17	553846.....	35	557898.....	45
5000901.....	37	5002740.....	21	553848.....	31	557899.....	45
5000902.....	37	5002741.....	21	553855.....	7	557900.....	45
5000903.....	37	5002742.....	21	553857.....	5	557902.....	45
5000904.....	37	5002743.....	37	553860.....	25	557903.....	45
5000907.....	31	5002749.....	55	553911.....	5	557904.....	45
5001119.....	31	5002750.....	55	553912.....	13	557905.....	45
5001147.....	27	5002757.....	59	553914.....	61	557906.....	45
5001152.....	37	5002800.....	5	554018.....	5	557907.....	45
5001160.....	11, 31, 41	5002955.....	17	554022.....	37	557908.....	45
5001189.....	39	5003269.....	41	554036.....	31	557909.....	45
5001210.....	43	5003270.....	53	554037.....	37	557910.....	45
5001215.....	31	5003283.....	55	554051.....	37	557911.....	45
5001218.....	37	5003301.....	45	554054.....	37	557912.....	45
5001219.....	37	5003303.....	47	554055.....	37	557913.....	45
5001220.....	37	5003479.....	47	554084.....	5	557914.....	37
5001221.....	37	5003482.....	55	554097.....	11	557917.....	37
5001222.....	37	5003612.....	57	554099.....	31	557923.....	31
5001224.....	37	5003613.....	57	554104.....	31	557934.....	29
5001225.....	37	5003615.....	15	554108.....	51	557937.....	33
5001226.....	37	5003616.....	15	554115.....	9	557942.....	41
5001227.....	37	550360.....	33	554116.....	31	557947.....	43
5001228.....	37	550361.....	29	554117.....	31	557948.....	43
5001229.....	37	550362.....	25, 27, 35, 41, 47	555567.....	21	557949.....	43
5001230.....	37	550363.....	27, 53, 57	555571.....	23	557951.....	43
5001231.....	37	550364.....	19	556412.....	47	557953.....	43
5001232.....	37	550365.....	19	557352.....	37	557956.....	43
5001233.....	37	550376.....	7	557357.....	39	557957.....	43
5001234.....	37	550379.....	55	557358.....	39	557960.....	11
5001235.....	37	550386.....	11, 35	557367.....	61	557961.....	43
5001236.....	37	550395.....	11	557370.....	61	557962.....	43
5001237.....	33	550398.....	55	557371.....	61	557964.....	43
5001241.....	19	550401.....	37	557374.....	61	557965.....	43
5001244.....	27, 45	550409.....	55	557571.....	49	557966.....	43
5001246.....	27	550424.....	5	557641.....	41	557967.....	43
5001247.....	27	550425.....	35	557853.....	17	557968.....	43
5001254.....	47, 59	550432.....	33	557856.....	11	557969.....	43
5001255.....	11	550543.....	5	557859.....	11	557970.....	43
5001256.....	11	550580.....	51	557863.....	49	557971.....	43

# INDEX

---

557972.....	43
557975.....	47
557980.....	49
557984.....	61
594330.....	9, 17
594334.....	47
594348.....	41
594350.....	41
594351.....	11



# ***INDEX***

---

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***CUSHMAN JACOBSEN RANSOMES***

1.1	Crankcase	4
2.1	Oil Pan	6
3.1	Cylinder Head	8
4.1	Gearcase	10
5.1	Head Cover	12
6.1	Oil Filter	14
7.1	Dipstick and Guide	16
8.1	Main Bearing Case	18
9.1	Piston and Crankshaft	20
10.1	Flywheel	22
11.1	Camshaft and Idle Gear	24
12.1	Fuel Camshaft and Governor	26
13.1	Idle Apparatus	28
14.1	Injection Pump	30
15.1	Governor	32
16.1	Speed Control Plate	34
17.1	Nozzle Holder and Glow Plug	36
18.1	Fuel Filter and Pump	38
19.1	Alternator and Pulleys	40
20.1	Alternator	42
21.1	Starter	44
22.1	Water Flange and Thermostat	46
23.1	Water Pump	48
24.1	Valve and Rocker Arm	50
25.1	Intake and Exhaust Manifolds	52
26.1	Turbo Charger	54
27.1	Turbo Charger Oil Pipes	56
28.1	Turbo Engine Oil Cooler	58
29.1	Miscellaneous	60