

# RELIANCE POWER PARTS

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# KUBOTA

## V3300 & V3800

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Complete Engine Kits  
and Component Parts

**The FIRST Aftermarket Kits  
Now Available!**

- ⚙️ **The only fully exclusive aftermarket overhaul kit, available with standard or 0.50mm piston assemblies.**
- ⚙️ **Order a complete overhaul kit using one part number. Kubota does not offer an engine kit, you must order each individual part.**
- ⚙️ **Coverage for agricultural tractors, industrial engines and generators in the 68 to 105 horsepower range.**
- ⚙️ **All items included in the Reliance offering for Kubota applications meet the exacting specifications for optimum engine performance.**



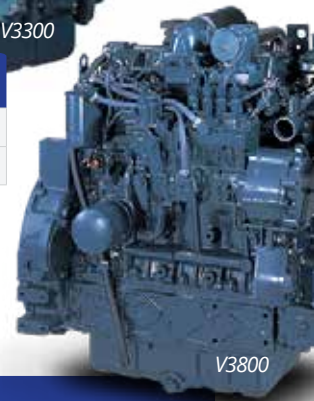
# Engine Information

Kubota V3300 and V3800 Series engines are recognized for their reliability, compact size and reduced emissions. The V3800DI-T has the highest output, under the 100HP range, in Kubota's industrial diesel engine line-up.

**ENGINE IDENTIFICATION** / The **engine model** and **serial number** can be found stamped into the crankcase at the rear of the block, below the intake manifold. The **engine serial number** follows the engine model number.



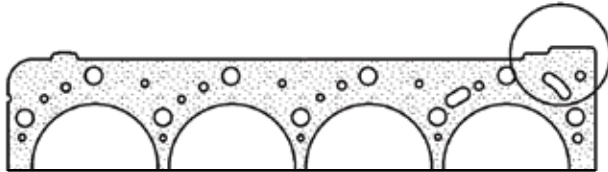
V3300



V3800

ENGINE MODEL	NUMBER OF CYLINDERS	BORE X STROKE (MM)	BORE X STROKE (IN)	DISPLACEMENT (LITER)	DISPLACEMENT (CU. IN)
V3300	4	98 x 110	3.86 x 4.33	3.318	202.5
V3800	4	100 x 120	3.94 x 4.72	3.769	230.0

**FUEL INJECTION & CYLINDER HEAD** / **Indirect injection:** E-TVCS (Three Vortex Combustion System) also referred to as 'Spherical Type,' 3-valves per cylinder, 2 intake and 1 exhaust. **Direct injection:** E-CDIS (Center Direct Injection System), 4-valves per cylinder, 2 intake and 2 exhaust.



**CYLINDER HEAD GASKET** / Early engines use a single thickness head gasket. Later engines utilize 3 different thicknesses of head gaskets, depending on piston protrusion or recession. You can measure the piston head's protrusion (+) recession (-) from the crankcase cylinder face.

NOTCH OF CYLINDER HEAD GASKET	THICKNESS OF CYLINDER HEAD GASKET		PISTON HEAD'S PROTRUSION OR RECESSON
	BEFORE TIGHTENING	AFTER TIGHTENING	
2 notches	0.90 mm	0.80 mm	-0.07 to +0.049 mm
	0.0345 in.	0.0315 in.	-0.0028 to +0.0019 in.
1 notch	1.00mm	0.90 mm	+0.050 to +0.149 mm
	0.0394 in.	0.0354 in.	+0.0020 to +0.0058 in.
No notch	1.05 mm	0.95 mm	+0.150 to +0.20 mm
	0.0413 in.	0.0374 in.	+0.0059 to +0.0078 in.

TRACTOR	ENGINE	INJECTION	EMISSION LEVEL
M6800	V3300	IDI	Tier 1, Tier 2
M8200	V3300T	IDI	Tier 1, Tier 2
M8540	V3800T	DI	Tier 2, Tier 3
M9000	V3300T	IDI	Tier 1, Tier 2
M9540	V3800T	DI	Tier 2, Tier 3
M95S	V3800T	DI	Tier 2
M95X	V3800T	DI	Tier 2
M96S	V3800T	DI	Tier 2
M105S	V3800T	DI	Tier 2
M105X	V3800T	DI	Tier 2

## Reliance Engine Kit Coverage for Kubota Tractors

Kubota V3300 and V3800 Series engines are installed in a broad range of agricultural tractors, construction and industrial equipment. Applications also include industrial engines and generators.



Part # RP1332



# Reliance Part Number Information

ENGINE KIT	ENGINE MODEL	STD PISTON KIT	STD PISTON
RP1324	V3300 (-->YY0471)	607916-2897	1C010-2111-0
RP1325	V3300 (YY0471-->)	61G533-2177	1C011-2111-3
RP1326	V3300T (-->YY0471)	607916-2899	1C040-2111-0
RP1327	V3300T (YY0471-->)	61G563-2177	1C041-2111-0
RP1328	V3300-E2B	61G533-2177	1C011-2111-3
RP1329	V3300T-E2B	61G563-2177	1C041-2111-0
RP1330	V3300DI-E2B	61G526-2177	1G527-2111-0
RP1331	V3300DI-T-E2B	61G556-2177	1G557-2111-0
RP1332	V3800DI-E2B	61G539-2177	1G514-2111-0
RP1333	V3800DI-T-E2B	61G549-2177	1J550-2111-2



RELIANCE	OE PART	DESCRIPTION
607916-2732-0	07916-2732-0	Head Gasket Set, V3300 Tier 1 Early
607916-2732-7	07916-2732-7	Head Gasket Set, V3300 Tier 1 Late
607916-2733	07916-2733-6	Conversion Gasket Set-with crank seals, V3300 Tier 1
61G533-9935	1G533-9935-4	Head Gasket Set-less head gasket, V3300-E2B
61G526-9935	1G526-9935-2	Head Gasket Set-less head gasket, V3300DI-E2B
61C020-0331	1C020-0331-2	Head Gasket-2 notch, V3300-E2B / V3300DI-E2B
61C020-0360	1C020-0360-2	Head Gasket-1 notch, V3300-E2B / V3300DI-E2B
61C020-0361	1C020-0361-0	Head Gasket-no notch, V3300-E2B / V3300DI-E2B
61G563-9935	1G563-9935-5	Head Gasket Set-less head gasket, V3300T-E2B
61G556-9935	1G556-9935-2	Head Gasket Set-less head gasket, V3300DI-T-E2B / V3800DI-E2B
61G514-0331	1G514-0331-4	Head Gasket-2 notch, V3800DI-E2B
61G514-0360	1G514-0360-4	Head Gasket-1 notch, V3800DI-E2B
61G514-0361	1G514-0361-2	Head Gasket-No notch, V3800DI-E2B
61G533-9936	1G533-9936-0	Conversion Gasket Set-with crank seals, V3300-E2B
61G526-9936	1G526-9936-0	Conversion Gasket Set-with crank seals, V3300DI-E2B / V3800DI-E2B

Also available separately: ring sets, crankshaft and connecting rod bearings

! Call with machine model and engine serial number for correct parts application.

Part # 61G514-2111

## Why Reliance

Reliance Power Parts is the preferred brand for new and remanufactured parts for heavy-duty diesel engines.

Reliance specializes in a wide range of machine applications for agricultural and construction equipment. Every Reliance part is produced to exacting standards to ensure the same or better reliability as the original part. In fact, for older engines current technology is often so improved that the part we make available today may actually be better quality than the same part used to assemble the engine originally. Every new part that we sell is backed by two years unlimited hour warranty, covering not only the failed part, but also any installation labor charges and consequential damage to the engine.

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We Keep Great Equipment Working Great!

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**RELIANCE** POWER PARTS

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AFTERMARKET  
**EXCLUSIVE:**  
**KUBOTA**  
**V3300 & V3800**  
COMPLETE ENGINE KITS!

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