

3408 ENGINE - MACHINE

Engine Serial Prefix - 48W (Build Date - 08/1993, Test Date - 09/1993, Ship Date - 09/1993)

631E Series II Wheel Tractor-Scraper, Powered By 3408 Engine**1W-3782 ENGINE AR**

S/N 48W34045-99999

DIRECT INJECTION TURBOCHARGED AFTERCOOLED**PART OF 8X-7333 GENERAL AR-TRACTOR****FIELD REPLACEMENT ORDER [137-4482](#)****ENTIRE GROUP**

Ref.	Qty.	NPR	Note	Part No.	Part Name
Grp		NPR		1W-3782	ENGINE AR

INDIVIDUAL PARTS

Ref.	Qty.	NPR	Note	Part No.	Req. Qty.	Part Name
		NPR	Y	9N-6613	1	AFTERCOOLER GP-WATER
		NPR	Y	4N-6842	1	AIR COMPRESSOR GP
		NPR	Y	4N-1092	1	BALANCER GP
		NPR	Y	9Y-2989	2	BREATHER GP
						S/N 48W34045-99999
		NPR	Y	4N-0963	1	CAMSHAFT GP
		NPR	Y	6N-6209	1	CONTROL GP-FUEL RATIO
		NPR	Y	7W-2206	1	COOLER GP-ENGINE OIL
		NPR	Y	4N-2210	1	COOLER GP-TRANSMISSION OIL
		NPR	Y	4N-6866	1	COVER GP-CYLINDER BLOCK
		NPR	Y	7W-6245	1	COVER GP-FLYWHEEL HOUSING
		NPR	Y	4N-6798	1	COVER GP-FRONT HOUSING
		NPR	Y	4N-8159	1	COVER GP-OIL PAN
		NPR	Y	4W-6828	1	COVER GP-VALVE MECHANISM
						S/N 48W34045-99999
		NPR	Y	1W-5010	1	CRANKSHAFT GP
						S/N 48W34045-99999
		NPR	Y	1W-5082	1	CYLINDER BLOCK GP
		NPR	Y	4W-7005	1	CYLINDER HEAD GP
		NPR	Y	4N-1560	1	DAMPER GP
						S/N 48W34045-36397
		NPR	Y	4P-5893	1	DAMPER GP
						S/N 48W36398-99999
		NPR	Y	9N-0725	1	DRIVE GP-ACCESSORY

	NPR	Y	6N-3195	1	DRIVE GP-GOVERNOR & FUEL PUMP
	NPR	Y	9N-0016	1	DRIVE GP-TACHOMETER
	NPR	Y	4N-2481	1	FASTENER GP-OIL PUMP MOUNTING
	NPR	Y	2W-5116	1	FILLER GP-ENGINE OIL
	NPR	Y	4N-2357	1	FILTER GP-ENGINE OIL
	NPR	Y	7W-4999	1	FLYWHEEL GP
	NPR	Y	2W-4940	1	GAUGE GP-OIL LEVEL (DIPSTICK)
	NPR	Y	7N-2840	1	GEAR GP-FRONT
	NPR	Y	4N-3825	1	GEAR GP-REAR
	NPR	Y	7C-3617	1	HOUSING GP-FLYWHEEL S/N 48W34045-99999
	NPR	Y	4N-5226	1	HOUSING GP-FRONT
	NPR	Y	8N-8585	1	LIFTING GP-ENGINE
	NPR	Y	8N-2304	1	LINES GP-AFTERCOOLER WATER
	NPR	Y	1W-4829	1	LINES GP-AIR
	NPR	Y	2W-0335	1	LINES GP-AIR COMPRESSOR
	NPR	Y	7N-8243	1	LINES GP-FUEL DRAIN
	NPR	Y	4N-8160	1	LINES GP-ENGINE OIL
	NPR	Y	4W-1784	1	LINES GP-ENGINE OIL
	NPR	Y	7C-4978	1	LINES GP-FUEL FILTER S/N 48W34045-99999
	NPR	Y	7E-6847	1	LINES GP-FUEL INJECTION S/N 48W34045-99999
	NPR	Y	8N-2405	1	LINES GP-TURBOCHARGER OIL
	NPR	Y	2W-0105	1	LINES GP-TURBOCHARGER WATER
	NPR	Y	8N-2453	1	HOUSING & REGULATOR GP
	NPR	Y	7N-9578	1	MANIFOLD GP-EXHAUST
	NPR	Y	4N-1733	1	PAN GP-OIL
	NPR	Y	2W-9054	8	PISTON & ROD GP
	NPR	RY	4N-8734	1	PUMP GP-ENGINE OIL
R	NPR		0R-9449	1	PUMP GP-ENG OIL
	NPR	Y	2W-8961	1	PUMP GP-GOV, FUEL INJ & TFR
	NPR	Y	4N-1951	1	PUMP GP-WATER
	NPR	Y	7E-0504	1	SUPPORT GP-ENGINE S/N 48W34045-38441
	NPR	Y	108-2796	1	SUPPORT GP-ENGINE

S/N 48W38442-99999

<input type="checkbox"/>	<u>NPR</u>	Y	<u>1N-4647</u>	1	SWITCH GP-FLOW
<input type="checkbox"/>	<u>NPR</u>	Y	<u>4W-1495</u>	1	TURBOCHARGER GP
<input type="checkbox"/>	<u>NPR</u>	Y	<u>4N-4298</u>	1	VALVE MECHANISM GP

AVAILABLE GASKET KIT(S):

<input type="checkbox"/>	<u>NPR</u>		6V-5434	1	KIT-GASKET (AIR COMPRESSOR)(AIR COMPRESSOR)
<input type="checkbox"/>	<u>NPR</u>		8T-6490	1	KIT-GASKET (AFTERCOOLER, LINES)(AFTERCOOLER & LINES)
<input type="checkbox"/>	<u>NPR</u>		8T-6488	1	KIT-GASKET (CENTRAL & LOWER STRUCTURE)
<input type="checkbox"/>	<u>NPR</u>		6V-5916	1	KIT-GASKET (FRONT STRUCTURE)
<input type="checkbox"/>	<u>NPR</u>		6V-5920	1	KIT-GASKET (FUEL SYSTEM)(FUEL SYSTEM)
<input type="checkbox"/>	<u>NPR</u>		8T-6486	1	KIT-GASKET (VALVE GRINDING-MULTIPLE HEAD)
<input type="checkbox"/>	<u>NPR</u>		8T-6489	1	KIT-GASKET (OIL COOLER & LINES)
<input type="checkbox"/>	<u>NPR</u>		8T-6478	1	KIT-GASKET (REAR STRUCTURE)(REAR STRUCTURE)
<input type="checkbox"/>	<u>NPR</u>		8T-6487	1	KIT-GASKET (VALVE GRINDING-SINGLE HEAD)
<input type="checkbox"/>	<u>NPR</u>		8T-6491	1	KIT-GASKET (TURBOCHARGER MOUNTING)
<input type="checkbox"/>	<u>NPR</u>		8T-3365	1	KIT-GASKET (WATER PUMP)(WATER PUMP)
<input type="checkbox"/>	<u>NPR</u>		5P-8057	1	KIT-GASKET (SINGLE CYLINDER LINER)(SINGLE CYLINDER)

Key:

R - REMFG PART MAY BE AVAILABLE

Y - SEPARATE ILLUSTRATION