

ISUZU MOTORS AMERICA, LLC PowerTrain Division	MODEL ISZJ SPEC NO. DWG NO./DATE	4LE2TAGV09 IS-21-028-0 E3-1038-214-0, 6/2/2021
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BASIC ENGINE DESCRIPTION	2.2L, 4 CYL, 4 STROKE, WTR COOLED, OHV, I/L, DIRECT INJECTED, TURBOCHARGED DIESEL B=85mm, S=96mm, CR=17.6:1, GLOW PLUG ASSISTED START, ELECTRONICALLY CONTROLLED, COMMON RAIL, COOLED EGR				
ENGINE CONFIGURATION	INDUSTRIAL TURBO F/F GENSET 12V US EPA (Final Tier 4) CERTIFIED RRWD EXH TCHGR RRWD EXH ADAPTOR	ENGINE PERFORMANCE Without Fan	40.2 BHP @ 1800 RPM (STANDBY) * 33.5 BHP @ 1800 RPM (CONTINUOUS) * IDLE SPEED: 1000 RPM MAX SPEED: 1800 RPM 37.5 BHP @ 1800 RPM (STANDBY) ** 31.2 BHP @ 1800 RPM (CONTINUOUS) **		
SPECIFIC OEM INFORMATION	ISZA STD	DATE OF ISSUE:	3/7/2024 ISZA	DATE RELEASED: PREVIOUS ISSUE DATE:	7/14/2021 ISZA 9/9/2022 ISZA

SPECIFICATION INFORMATION

PART NAME	PART NUMBER	TYPE	PART DESCRIPTION
CRANKCASE BREATHER	N/A		CLOSED TYPE
FLYWHEEL HSG	8-98226-260-0		SAE #4 w/METRIC THREADS w/FLAT SD MT PADS-158mm DP, w/TACH PORT 3/4"-16 @ ≈ 2 O'CLOCK
DIESEL OXIDATION CATALYST (DOC)	8-98205-771-1		MOUNTED ON FW HSG
OIL PAN	8-98244-006-0	ASM	10.4L MAX, 6.1L MIN, RH SD CTR DRAIN
DIPSTICK	8-97490-503-0	GAUGE	INSTALLED ON RH CYL BLK
FLYWHEEL	8-97252-438-2 N/A	ASM BRG HOLDER	SAE 10" OVER CTR CLUTCH w/PILOT BRG BORE w/DRIVE RING Z=108
CRANKSHAFT PULLEY	8-98094-099-1		EFF DIA=132mm, SINGLE GROOVE, w/PTO PROVISION
OIL FILTER	N/A 8-94456-741-2	ASM ELEM	SYSTEM; FULL FLOW w/REPLACEABLE SPIN-ON PAPER ELEM TYPE FILTER ATTACHES TO OIL COOLER @ ENG RR RH SD
FUEL FILTER	SHIPPED LOOSE		
WATER PUMP	8-98210-172-2	ASM	CENTRIFUGAL VANE TYPE, WTR HRZ INL TWD RH SD OD=34mm HIGH FLOW
WATER OUTLET PIPE	8-97258-479-2		LH SDWD, OD=32mm, HIGH FLOW
WATER INLET PIPE	N/A		SDWD, LOC RH SD, OD=32mm, INTEGRAL PART OF WTR PUMP
COOLING FAN	N/A		
FAN PULLEY	8-94459-815-4		1-GROOVE EFF DIA=118mm RATIO=1.12:1
FAN SPACER	SHIPPED LOOSE		
BOLT, FAN FIXING	N/A		
WASHER, FAN FIXING	N/A		

* Power after 70 hrs
** Power at factory delivery

Engine Model Specification continued on the following page.

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PART NAME	PART NUMBER	TYPE	PART DESCRIPTION
OIL COOLER	8-97102-320-0	ASM	MOUNTS BETWEEN OIL FILTER ADAPTER & CYL BLK @ ENG RR RH SD
INLET MANIFOLD	8-98226-514-0		CTR INL LOC LH SD
AIR INLET PIPE	8-98074-769-0		ANGLED DNWD
EXHAUST MANIFOLD	8-98030-566-1		LH SD CTR OUTL TO TCHGR
TURBOCHARGER	8-98223-617-0	ASM	IHI, OIL-COOLED TYPE, w/WASTE GATE, LOC LH SD, RRWD EXH, AIR INLET LH SD FACING FORWARD OD=39mm, AIR OUTLET UPWD
EXHAUST ADAPTOR	8-98226-254-0		FACING RRWD
MOUNTS	N/A		
STARTER	8-97112-865-2	ASM	DENSO 12V-2.0kW GEAR REDUCTION TYPE
ALTERNATOR	8-97539-989-0	ASM	mitsubishi 12V-50A BUILT-IN REGULATOR NO TACH PROVISION
GLOW PLUG	8-94133-759-9		QOS-II FOR 12V ELECTRIC
FUEL FEED PUMP	SHIPPED LOOSE		
COOLANT TEMP SENSOR	8-98156-648-0		
OIL PRESSURE SENSOR	8-98027-456-0		
CRANKCASE PRESSURE SW	8-98319-376-0		P > 1 PSI = CLOSED
ADAPTOR; SW	8-98337-718-0		
PTO DRIVE, GEAR SHAFT	N/A	ASM	
EMISSION LABEL	EPA ENGINE FAMILY NO. RSZXL02.2ZTB	EPA	FOR ENG HD COVER; FOR Y2024, EPA (Final Tier 4)
SPECIFICATION INFORMATION FOR SHIP LOOSE ITEMS			
ENGINE CONTROL MODULE (ECM)	8-97506-211-0		
PCV HEATER	8-98192-467-0		
DOC EXH OUTLET GASKET	8-97373-108-0		
GASKET, EXH TCHGR ADAPTOR	8-97367-918-0		
SENSOR; INLET AIR TEMP	8-12146-830-0		
SENSOR; BAROMETRIC PRESSURE	8-97217-778-0		
PIPE ASM; FUEL FILTER	8-98126-332-0		QTY 4
BOLT; EYE JOINT, OUT & IN	1-09675-193-0		QTY 4
PACKING; FUEL PIPE	8-98251-345-0		QTY 8
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PART NAME	PART NUMBER	TYPE	PART DESCRIPTION
SPECIFICATION INFORMATION FOR SHIP LOOSE ITEMS (continued)			
FUEL FEED PUMP	8-98068-275-2	ASM	ELECTRIC, w/METAL SCREEN
PRE FUEL FILTER w/WATER SEDIMENTER	8-98236-991-0 8-98240-279-0	ASM ELEM	PAPER ELEM TYPE wo/PRIMING PUMP, w/DRAIN, REMOTE MT
MAIN FUEL FILTER w/WATER SEDIMENTER	8-98236-990-0 8-98240-280-0	ASM ELEM	PAPER ELEM TYPE w/PRIMING PUMP & DRAIN, REMOTE MT
FAN SPACER	8-97063-400-3		STEEL, L=4.5mm
OWNER'S MANUAL	IDE-6450C		SPECIFIC TO FT4 4LE2T/X-SERIES
EMISSION LABEL	EPA ENGINE FAMILY NO. RSZXL02.2ZTB	EPA	SUPPLEMENTAL LABEL FOR MACHINE; FOR Y2024, EPA (Final Tier 4)

ADDITIONAL INFORMATION

OIL CHANGE INTERVAL: 500 HRS

OIL FILTER CHANGE INTERVAL: 250 HRS

MAXIMUM INCLINATION ANGLE: 15° ALL DIRECTIONS

FIRING ORDER: 1-3-4-2

COOLANT CAPACITY: 4.1L

ENGINE DRY WEIGHT: ≈217kg (478 lb) (NOT INCLUDING SHIP LOOSE ITEMS)

APPROXIMATE DIMENSIONS: HEIGHT 773mm, LENGTH 797mm, WIDTH 582mm

EPA-MANDATED FUEL TANK FILL LOCATION LABEL SAYING "ULTRA LOW SULFUR DIESEL FUEL ONLY" IS REQUIRED & MUST BE SUPPLIED & ATTACHED BY OEM.

NOTE: Part numbers are subject to change without notice.