

**TCM STD25**

**ENGINE PARTS LIST**

**ISUZU DA220—39**

**TOYO UMPANKI CO., LTD.**

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Ref. No.	Part No.	Part Name	Q'ty	Remarks
E1-49	IO-09921-096	PACKING	1	
E1-50	IO-14369-010	.CLAMP (with screw)	1	
E1-51	IO-09914-157	HOSE, rubber, separator to throttle	1	
E1-52	IO-09915-269	CLIP, rubber hose	1	
E1-53	IO-09916-586	CLIP, oil separator rubber hose	1	
	IO-0204-0612	BOLT, clip fixing	1	
	IO-0915-0506	WASHER, spring	1	
	IO-14369-032	BRACKET, oil separator rubber hose clip	1	

Ref. No.	Part No.	Part Name	Q'ty	Remarks
E4- 1	IO-11341-117	HOUSING, flywheel	1	
E4- 2	IO-0440-1228	STUD, starter	3	
E4- 3	IO-11349-049	COVER, starter check hole	1	
E4- 4	IO-11349-048	COVER, flywheel check hole	1	
E4- 5	IO-11343-116	COVER, flywheel housing	1	
E4- 6	IO-0204-0812	BOLT	2	
	IO-0915-0508	WASHER, spring	2	
E4- 7	IO-0234-1440	BOLT, flywheel housing	6	
E4- 8	IO-0911-0414	NUT	1	
E4- 9	IO-0915-0514	WASHER, spring	7	
E4-10	IO-11360-428	OIL PAN ASS'Y	1	
E4-11	IO-11766-064	.GUIDE, oil level gauge	1	
E4-12	IO-13143-011	.GAUZE, upper, oil starter	1	
E4-13	IO-13149-032	.BUSHING, oil pipe	1	
E4-14	IO-13143-012	.GAUZE, lower	1	
E4-15	IO 0344-0610	.SCREW, gauze	3	
	IO-0915-0506	.WASHER, spring	3	
E4-16	IO-09862-075	.PLUG, oil drain	1	
E4-17	IO-09920-605	.PACKING, drain plug	1	
E4-18	IO-11367-156	PACKING, oil pan	1	
E4-19	IO 0505-0845	BOLT, timing case under cover	2	
E4-20	IO-0205-0820	BOLT, oil pan fixing	21	
	IO-0915-0608	WASHER, spring	23	
E4-21	IO-15419-031	CLIP, water drain and fuel leak off	1	
E4-22	IO-11760-160	OIL LEVEL GAUGE ASS'Y	1	
E4-23	IO-8293-1511	CABLE ASS'Y	1	
E4-24	IO-0911-0412	NUT	3	
E4-25	IO-0915-0512	WASHER, spring	3	
E4-26	IO-0915-2212	WASHER, lock	2	

Ref. No	Part No.	Part Name	Q'ty	Remarks
E7- 0-1	IO-11740-079	AIR BREATHER ASS'Y	1	
E7- 1	IO-11742-054	. COVER, air breather	1	
E7- 2	IO-11745-018	. ELEMENT	1	
E7- 3	IO-11746-012	. HOLDER	1	
E7- 4	IO-11746-013	. CASE ASS'Y	1	
E7- 5	IO-11749-021	.. CLIP, oil pan	2	
E7- 6	IO-09921-097	.. PACKING, case to oil pan	1	
E7- 7	IO-09921-098	. PACKING, breather pipe	1	
E7- 8	IO-11744-023	PACKING, tappet chamber cover	1	
E7- 9	IO-0911-0408	NUT, tappet chamber cover	2	
	IO-0915-0508	WASHER, spring	2	
	IO-0916-4008	WASHER	1	
E7- 0-2	IO-11740-120	OIL FILLER ASS'Y (with cap)	1	
E7-10	IO-11741-087	. FILLER, oil	1	
E7-11	IO-11750-026	. CAP ASS'Y	1	
	IO-09920-229	. PACKING	1	
E7-12	IO-09954-029	. CHAIN	1	
E7-13	IO-09920-601	PACKING, O-ring	1	
E7-14	IO-0911-0408	NUT, oil filler	2	
	IO-0915-0508	WASHER, spring	2	
E7-15	IO-09800-836	BOLT, filler to exhaust manifold	1	
	IO-0916-4708	WASHER, plain	1	
	IO-09853-213	WASHER, lock	1	
E7-16	IO-13711-201	PIPE, water outlet	1	
E7-17	IO-13770-073	THERMOSTAT	1	
E7-18	IO-13713-054	JOINT, outlet pipe	1	
E7-19	IO-13743-008	PACKING, pipe to joint	1	
E7-20	IO-0204-0822	BOLT	3	
E7-21	IO-0915-0508	WASHER, spring	3	
E7-22	IO-0920-2016	PLUG	1	
E7-23	IO-0957-1116	PACKING	1	
E7-24	IO-13741-008	PACKING, head to pipe	2	

**SERVICE MEMO**

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A series of horizontal dashed lines for writing.

Ref. No.	Part No.	Part Name	Q'ty	Remarks
E17-47	IO-8121-5056	.JOINT, hose	1	
E17-48	IO-8122-5018	.RING, distance (8120-0314)	1	
	IO-8122-5020	.RING, distance (8120-0347, 0365)	1	
E17-49	IO-8122-5027	.SHIM, cam shaft bearing	AR	
	IO-8122-5028	.SHIM, cam shaft bearing	AR	
	IO-8122-5029	.SHIM, cam shaft bearing	AR	
	IO-8122-5030	.SHIM, cam shaft bearing	AR	
	IO-8122-5031	.SHIM, cam shaft bearing	AR	
	IO-8122-5032	.SHIM, cam shaft bearing	AR	
	IO-8122-5016	.SHIM, cam shaft bearing	AR	
E17-50	IO-00090-066	.BEARING, radial ball, injection pump	1	
E17-51	IO-8122-5041	.SEAL, oil	1	
E17-52	IO-8121-1246	.COVER, bearing	1	
	IO-8131-5128	.SCREW, bearing cover	4	
E17-53	IO-8121-5037	.PACKING	1	
E17-54	IO-8121-1311	.PACKING	1	

Ref. No.	Part No.	Part Name	Q'ty	Remarks
E21- 0-1	IO-15330-035	NOZZLE HOLDER ASS'Y	4	5031-239
E21- 1	IO-15334-007	. NUT, cap, nozzle holder	4	50520-590
	IO-8841-0008	. PACKING, cap nut	4	29332-203
E21- 2	IO-15345-004	. SCREW, adjusting, nozzle holder	4	50518-150
E21- 3	IO-15345-002	. NUT, adjusting screw	4	29200-801
E21- 4	IO-15333-001	. PLUG, nozzle holder	4	50517-140
E21- 5	IO-15342-002	. SEAT, upper spring	4	50515-030
E21- 6	IO-15343-004	. SPRING, nozzle	4	50516-310
E21- 7	IO-15341-001	. ROD, push nozzle	4	50510-192
E21- 8	IO-15331-008	. BODY, nozzle holder	4	50500-450
E21- 9	IO-8121-5005	. WASHER, nipple	4	26510-145
E21-10	IO-15339-037	. NIPPLE, nozzle holder	4	50609-540
E21-11	IO-15353-001	. FILTER, edge	4	50604-020
E21-12	IO-15339-036	. CONNECTOR ASS'Y (inlet)	4	59300-390
E21-13	IO-8841-0047	. WASHER, connector	4	29300-507
E21-14	IO-15311-001	NOZZLE	4	5000-113
E21-15	IO-15332-009	NUT, connector	4	50600-950



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