

TECH RAY TECHNOLOG

TECH RAY TECHNOLOGY CO., LTD.

3F-1, No.545, Sec.2, Taiwan Blvd., West Dist., Taichung City, Taiwan. (40360)

TEL: +886-4-23260119 FAX: +886-4-23268220

E-mail: jomes_wu@hotmail.com



Auto Spare Parts

ISUZU

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH	

G130	4	75.0					3			
3AF1	3	76.0				5-12111-169-0 (5-12111-245-0)				
4EC1	4	76.0				8-94129-828-0 (8-94129-844-1)	3			
4EC1-T	4	76.0				8-94149-276-4	3			
4FE1	4	76.3				8-94169-747-1 8-94169-752-1	3 3			
4XC1	4	77.0				8-94425-275-0 8-94141-426-0 8-94411-975-0 8-94162-766-2	2 2 3 3			
G150	4	79.0				9-12111-811-0	3			
4EE1	4	79.0				8-97129-437-0~2				
4EE1T	4	79.0				8-97043-772-0/3-0 8-94381-709-0/1				
G161AB	4	82.0				9-12111-462-0 (9-12111-667-0)	3			
G161	4	82.0	9-11216-602-0			9-12111-670-0 (9-12111-784-0)	3			
G161Z	4	82.0	9-11216-602-0			8-94200-645-0 (8-94211-129-0) 8-94218-808-0 (8-94220-636-0) 8-94244-402-0	3 3 3			
4ZA1	4	82				8-94232-085-0 5-84452-742-1	3 3			
C221	4	83	9-11261-253-1	174.0		5-12111-065-0 9-12111-646-0	5			5-8751-0060-1
G180S	4	84				9-12411-622-0	3			
G180	4	84	9-11261-210-0			5-12111-066-3	3			
G180Z	4	84	9-11261-210-0			8-94201-040-0 (8-94201-607-0)	3			
G180	4	84	9-11261-210-0			8-94215-088-0 8-94235-290-0 (8-94238-475-0) 8-94251-268-1	3 3 3			
4FB1	4	84	8-94111-803-3			8-94228-886-2 8-94201-492-0 8-94235-962-0	3			
4FC1	4	84				8-94228-887-0/1 8-94111-655-1 8-94139-972-0	3 3 3			
4ZB1	4	84				8-94235-290-2 (8-94235-924-0)	3			
4ZB1J	4	84				8-94251-268-1 (8-94251-925-0)	3			

Code: S=Semi-Finish, F=Finish, All=S&F, B=Blacking(Phosphated), Cr=Chromed, Cu=Copper Plated,
Al(A=Alfin, N=nonAlfin B=Both Available, CH=Cooling Channel, K=Keystone, H=Half Keystone

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ISUZU

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	
G201	4	86				9-12111-544-0 (9-12111-689-0) 5-12111-011-0	3 3			
C240	4	86	9-11261-230-1 9-11261-230-0			5-12111-064-0 (9-12111-813-0) 9-12111-834-0 5-12111-137-0 (5-12111-202-0)	4 5 3			
C190	4	86	9-11261-224-1	163.0		5-12111-119-0 (5-12111-203-0) 5-12111-225-0	4 3			5-8781-0148-1 5-8781-0183-2
C240(3G) C190(3G)	4	86	9-11261-230-1	178.0		5-12111-226-0 8-94326-225-0 5-12111-064-0 5-12111-202-0 5-12111-202-1	3 3 3 3 3			5-8781-0235-0 5-8781-0536-2 5-8781-0085-2 5-8781-0149-1 5-8781-0236-1
G200Z	4	87				8-94213-831-0 8-94237-469-1	3 3			
G200	4	87				8-94258-494-1	3			
G200W	4	87				8-94237-082-0 (8-94237-082-1) 8-94107-912-0	3 3			
4ZC1	4	88				8-94250-916-1	3			
4FD1	4	88				8-94105-454-0	3			
C223	4	88	5-11261-015-0/2 8-94169-883-1	163.0		5-12111-212-0 8-94250-729-0	3 3			5-8781-0226-1 5-8781-0239-1
C223T	4	88	5-11261-015-0/2 8-94169-883-1			8-94118-826-0	3			
4JC1	4	88	8-94169-883-0 5-11261-015-0/2			8-94335-619-0 8-94169-885-0	3			5-8781-0641-0
4ZD1	4	89.3	8-94156-657-0			8-94156-657-0 8-94136-777-3	3 3			
4FG1	4	89.3				8-94454-813-0	3			
D400	6	92	9-11261-205-0			9-12111-598-0	5			
4ZE1	4	92.6				8-94163-189-2	3			
4JA1	4	93	8-94110--144-0 8-94462-130-0	156.0		8-94152-712-1 8-94369-281-0	3 3			5-8781-0277-3 5-8781-0717-0 (5-8781-0737-0)
4JA1(N)	4	93	8-94110--144-0 8-94462-130-0	156.0		8-94436-892-0 8-97089-892-0 8-97109-181-0 8-97176-601-0				
4JB1	4	93	8-94247-861-2 8-94247-861-0	181.0		8-94152-711-1 8-94433-177-1 8-94445-718-0 8-94311-606-0	3 3			5-8781-0278-0 5-8781-0627-0 5-8781-0628-0
4JB1-T	4	93	8-94247-861-0/2	181.0		8-94340-620-0 8-94369-218-0	3			5-8781-0636-0

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			No.	L	Code	No.	Ring	AI	CH	
						8-94460-887-1 8-97108-621-0 8-97108-611-0				
4JG1	4	95.5	8-94456-791-0			8-97074-507-0				5-8781-1104-0
4JG2	4	95.5	8-97043-287-0			8-97073-647-1 8-97086-449-0				
4JG2T	4	95.5	8-97043-287-0			8-97176-620-0 8-97176-624-0/1 8-97176-625-0/1				
4JH1T	4	95.4	8-97176-702-0	180.0		8-97305-586-1				
4JJ1	4	95.4								
4BA1	4	98	9-11261-802-0~2	180.5		5-12111-055-1 5-12111-201-0	3 3			5-8781-0087-2/3 5-8781-0158-1
D500	6	98	9-11261-257-0	206.5		5-12111-055-1 5-12111-201-0	3 3			1-8781-0087-2
DA120	6	100	9-87692-095-0 9-11261-287-0/1	220.0		9-12111-196-0 9-12111-320-0 1-12111-126-0 9-12111-901-0	5 5 4			9-8852-0064-4
DA220	4	100	9-87692-095-0	220.0		1-12111-126-0 9-12111-901-0	4			9-8852-0063-4
DA640(A)	6	102	9-11261-288			1-12111-122-1				1-8781-0015-5
DA640(C)	6	102	9-11261-288-0	228.0 228.0		1-12111-321-0 1-12111-050-0 12111-122-0(1) 1-12111-122-1 (1-12111-740-0)	5 4 4			1-8781-0015-5 1-8781-0016-5
DA640T	6	102	9-11261-288-0			1-12111-125-1				1-8781-0116-1
4BB1	4	102	1-11261-118-0	204.0		5-12111-013-0	3			5-8781-0088-1
4BC1	4	102	5-11261-014-2			5-12111-172-1 (5-12111-188-1)	3			5-8781-0172-1 (5-8781-0210-1)
4BC2	4	102	5-11261-014-2			5-12111-230-4 8-94169-765-0 8-97012-662-0 8-97083-121-1	3 3			5-8781-0211-4 5-8781-0292-2 5-8781-0780-1 5-8781-1524-0
4BD1	4	102	1-11261-118-0	204.0		5-12111-176-0 5-12111-224-1 5-12111-303-1 1-12111-321-0 1-12111-587-1 1-12111-609-0 5-12111-068-0/2 5-12111-211-1 1-12111-240-1 5-12111-242-1 (5-12111-265-0)	3 3 3 3			1-8781-0232-2 1-8781-0299-3 1-8781-0366-3 1-8781-0368-1 1-8781-0903-0 1-8781-0918-0 5-8781-0093-7 5-8781-0169-2 5-8781-0423-2 5-8781-0221-1 (5-8781-0490-2) (5-8781-0529-1) 5-8781-0249-2

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Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH	

						8-94154-798-1 8-94175-027-2 8-94422-975-1 8-94321-734-0 8-94452-912-0				5-8781-0311-3 5-8781-0316-3 5-8781-0466-1 5-8781-0473-1 5-8781-0479-1
4BD1-T	4	102	1-11261-118-0	204.0		5-12111-240-1 5-12111-325-1 5-12111-428-0 5-12111-176-0 8-94174-649-1 8-94157-349-0 8-94154-798-1 8-94175-027-2 8-94321-734-0 (8-94321-734-0)	3			1-8781-0226-5 1-8781-0340-1 1-8781-0393-3 5-8781-0485-1 5-8781-0280-4 5-8781-0310-1 5-8781-0311-0 5-8781-0316-3 5-8781-0548-2 (5-8781-0555-1)
4BD2T	4	102.0	1-11261-118-0	204.0		8-97025-457-2 8-97176-640-0 8-97176-642-0				5-8781-0923-1
6BB1	6	102	1-11261-118-0	204.0		5-12111-013-0 1-12111-633-0 1-12111-634-0 5-12111-176-0 5-12111-303-0 (1-12111-240-1)	3 3 3			1-8781-0088-6 1-8781-0709-0 1-8781-0833-2
6BD1	6	102	1-11261-118-0			5-12111-068-0 (5-12111-068-2)	3			
6BD1-T	6	102	1-11261-118-0			1-12111-325-1 1-12111-303-1 1-12111-428-1 5-12111-777-0	3			1-8781-0340-1
4BG1	4	105	1-11261-119-0			8-94340-331-1				5-8781-0769
4BE1	4	105	5-11261-016-0 5-11261-016-2			5-12111-022-0 8-94478-116-0 8-94438-989-1	3 3			5-8781-0832-0 5-8781-0496-1
4BF1	4	105	1-11261-119-0			8-97063-867-0				5-8781-0858-1
6BG1	6	105	1-11261-119-0 1-11261-147-2			1-12111-323-2 (1-12111-377-4) 1-12111-435-0 1-12111-528-0 1-12111-617-0	3			1-8781-0392-2 1-8781-0605-1 1-8781-0895-0
6BG1-T	6	105	1-11261-119-0			1-12111-471-0 1-12111-366-0 1-12111-435-0 1-12111-593-0 1-12111-626-0	3			1-8781-0442-1 1-8781-0411-2 1-8781-0594-0 1-8781-0854-0 1-8781-0904-0
6BG	6	105	1-11261-119-0			1-12111-528-0				1-8781-1046-0
6BF1	6	105	1-11261-119-0			1-12111-345-0	3			
2G	4	110	1-11261-118-0			8-97025-457-2				5-8781-0923-1
3G	4	110	1-11261-118-0			9-8-97025-457-2				5-8781-0924-1

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			No.	L	Code	No.	Ring	Al	CH	
4G	4	110	1-11261-118-0			9-8-97025-457-2				5-8781-0925-1
4HE1T	4	112	8-97176-723-0 ~ 8-97176-728-0			8-97176-652-0 8-17183-664-0 8-17183-665-0 8-97233-129-0 8-97233-130-0 8-94391-696-0				
6HE1	6	110	8-94396-332-0			8-94396-837-0	3			1-8781-0853-0
6HE1T	6	110	8-94396-332-0			1-87310-059-0/060 8-94391-594-0 8-94391-596-0 8-94391-605-0 8-94391-696-0				
4HF1	4	112	8-94389-276-3 8-97144-174-0 8-97176-727-0			8-97095-585-0 8-97063-867-0 8-97095-654-0 8-87913-391-0/1/2				
4HG1	4	115.0	8-97351-558-0							
4HG1T	4	115.0	8-97351-558-0							
4HK1	4	115.0	8-94393-273-1							
6HK1	6	115.0	8-94393-273-1							
6SA1	6	115	1-11261-065-2 1-11261-106-2 1-11261-094-1		Cu	1-12111-217-0 1-12111-350-1 1-12111-452-1 1-12111-452-2 1-12111-603-0				1-8781-0295-2 1-8781-0352-2 1-8781-0406-2 1-8781-0815-1 1-8781-0855-0
6AS1T	6	115	1-11261-094-0 1-11261-094-1			1-12111-459-1 1-12111-460-1 1-12111-459-0				1-8781-0501-1 1-8781-0505-1 1-8781-0469-2
6SA1MTC	6	115	1-11261-094-1			1-12111-468-1				1-8781-0702-1
6HH1	6	115	8-94393-273-1			8-94394-950-0				
6HH1T	6	115	8-94393-273-1			8-94391-598-0				
10PA1	10	115	1-11261-063-0 1-11261-155			1-12111-157-0 1-12111-216-0 1-12111-154-1 1-12111-154-1 1-12111-154-1 1-12111-216-0				1-8781-0191-3 1-8781-0193-4 1-8781-0203-4 1-8781-0533-0 1-8781-0307-3 1-8781-0686-0 1-8781-0843-0
8PA1	8	115	1-11261-063-0 (-033,-064) 1-11261-155-0			1-12111-157-0 1-12111-216-0 1-12111-154-1 1-12111-154-1 1-12111-154-1 1-12111-216-0				1-8781-0191-3 1-8781-0193-4 1-8781-0203-4 1-8781-0533-0 1-8781-0307-3 1-8781-0686-0 1-8781-0843-0
8PB1T	8	115	1-11261-063-0 (-033,-064)			1-12111-176-0 1-12111-271-0				1-8781-0843-0 1-8781-0262-1

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			No.	L	Code	No.	Ring	Al	CH	
10PB1	10	115	1-11261-063-0 (-033,-064) 1-11261-155-0			1-12111-217-0 1-12111-156-1 1-12111-259-0 1-12111-271-0				1-8781-0190-4 1-8781-0204-4 1-8781-0285-0 1-8781-0757-0
10PB	10	115	1-11261-155-0			1-12111-271-0				1-8781-0684-0
10PB1T	10	115	1-11261-155-0			1-12111-276-0				1-8781-0685-0
4HG1	4	115	8-94319-032-0			8-97183-666-0				
10PD1	10	119	1-11261-161-1			1-12111-549-3 1-12111-444-1				1-8781-0781-2 1-8781-0835-0
8PC1	8	119	1-11261-076-0 1-11261-144-2			1-12111-282-1 1-12111-282-3				1-8781-0324-4 1-8781-0534-1
10PC1	10	119	1-11261-076-0 1-11261-111-0 1-11261-115-0 1-11261-147-2 1-11261-143-1			1-12111-296-1 1-12111-419-2				1-8781-0323-2 1-8781-0424-3 1-8781-0476-1 1-8781-0676-1
10PC1T	10	119	1-11261-076-0 1-11261-147-2			1-12111-407-2 1-12111-419-2 1-12111-495-0				1-8781-0477-2 1-8781-0549-3 1-8781-1175-0
12PC	12	119	1-11261-161-1			1-12111-600-1				1-8781-0844-0
DH100	6	120	9-11261-241-0			9-12111-171-0 9-12111-849-1 9-12111-742-3 1-12111-144-0	5 4 4			1-8781-0029-2 1-8781-0028-3 1-8781-0212-1
6SD1	6	120	1-11261-106-2			1-12111-591-0 1-12111-620-1				
6SD1T	6	120	1-11261-106-2			1-12111-569-0 1-12111-567-0 1-12111-547-0				1-8781-0667-0 1-8781-0712-1 1-8781-0959-1
6QA1	6	125	1-11261-074			1-12111-206-0/1 (1-12111-338-0)	3			
D920	6	125	9-11261-227-0 1-11261-017-0			1-12111-103-1				1-8781-0085-5 1-8781-0188-4
6QA1	6	125	1-11261-091-0 1-11261-074-0 1-11261-094-1 1-11261-160-0		Cr	1-12111-338-0 1-12111-206-1				1-8781-0320-0 1-8781-0378-0 1-8781-0655-1 1-8781-0841-0
10PE1	10	127	1-11261-175-0 1-11261-286-0			1-12111-676-0				
E120	6	135	9-11261-290-0		Cu	1-12111-524-2/0 1-12111-526-0 1-12111-080-1	3			1-8781-0514-0 1-8781-0516-0
E120T	6	135	9-11261-290-0			1-12111-525-0 1-12111-209-2 1-12111-226-2				1-8781-1525-0
6RA1	6	135	1-11261-133-0			1-12111-461-0				1-8781-0738-0
6RA1T	6	135	1-11261-133-0			1-12111-463-0				1-8781-0738-0

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			No.	L	Code	No.	Ring	Al	CH	

						1-12111-481-0 1-12111-482-0				
6RB1	6	135	5-11261-133-0 1-11261-133-0 (1-11261-098)		F Cu	1-12111-473-0 1-12111-437-0 1-12111-437-1 1-12111-245-0 1-12111-505-0 1-12111-437-0	3			1-8781-0251-0 1-8781-0133-0 1-8781-0425-0 1-8781-0468-1 1-8781-0660-1
6RB1T	6	135	1-11261-116-0			1-12111-580-1 1-12111-516-0				1-8781-0798-0
8MA1	8	145				1-12111-201-1 1-12111-207-0 1-12111-049-0				

Code: S=Semi-Finish, F=Finish, All=S&F, B=Blacking(Phosphated), Cr=Chromed, Cu=Copper Plated,
Al(A=Alfin, N=nonAlfin B=Both Available, CH=Cooling Channel, K=Keystone, H=Half Keystone