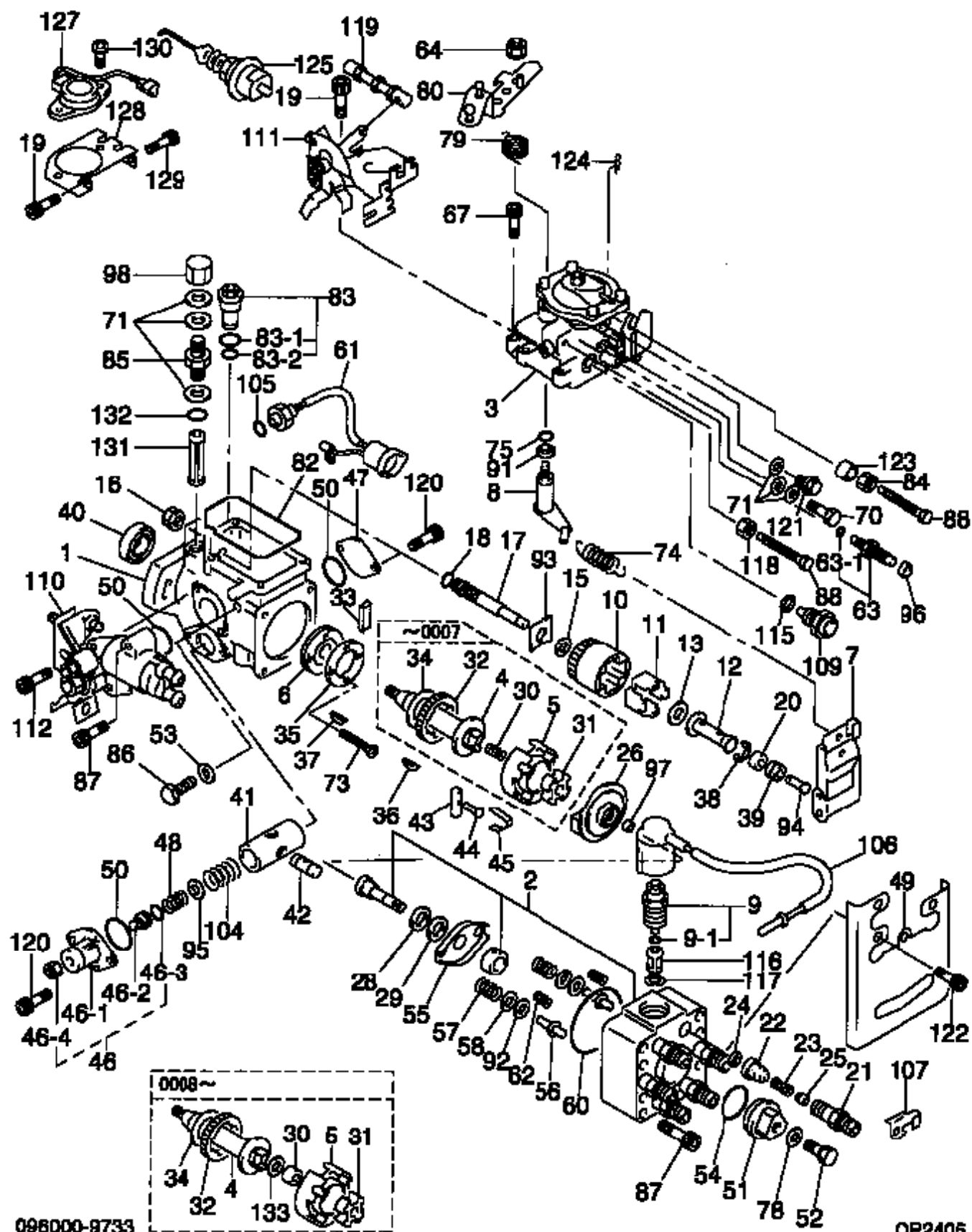




Parts List

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Compo. P/N: 096000-9733

Assy P/N: 096000-9733

S	M	Illust.No.	Part Name	DENSO P/N	Manu. P/N	QTY	I/C	Start	End	Remarks
		0	PUMP ASSY, INJECTI	096000-9733	22100-17850	01				
		1	HOUSING SUB-ASSY,	096110-1110	22101-17840	01				
		2	HEAD SUB-ASSY, DIS	096400-1521	22140-17840	01			9602	
		2	HEAD SUB-ASSY, DIS	096400-1700	22140-17841	01	B	9603		
		3	COMPENSATOR SUB-AS	096490-1280	22540-17840	01				
S		4	SHAFT, DRIVE	096121-0140	22170-17840	01			0007	
S		4	SHAFT, DRIVE	096121-0320	22170-5C120	01	D	0008		
S		5	RING SUB-ASSY, ROL	096180-0280	22108-17840	01				
		6	PUMP SUB-ASSY, FUE	096140-0030	22505-54010	01				
		7	GOVERNOR ASSY, TOR	096270-1280	22350-17840	01				
		8	SHAFT SUB-ASSY, SP	096460-1670	22302-17840	01				
		9	SOLENOID ASSY, FUE	096030-0430	22390-17840	01			9702	FCV,12V
		9	SOLENOID ASSY, FUE	096030-0520	22390-6A511	01	B	9702		FCV,12V
		9-1	O-RING	096049-0350		01				ID15.3
		10	HOLDER SUB-ASSY, F	096260-0050	22741-54020	01				
S		11	FLYWEIGHT, DISTRIB	096263-0040	22745-56350	04				
		12	SLEEVE, GOVERNOR	096252-1422	22316-17850	1C				D0.50
		12	SLEEVE, GOVERNOR	096252-1670	22316-17851	1C				D0.55
		12	SLEEVE, GOVERNOR	096252-1680	22316-17852	1C				D0.60
		12	SLEEVE, GOVERNOR	096252-1690	22316-17853	1C				D0.65
S		13	WASHER, FLYWEIGHT	096265-0030	22753-54020	01				ROUND TYPE
S		15	WASHER, FLYWEIGHT	096265-0020	22753-54010	1C				T1.30
S		15	WASHER, FLYWEIGHT	096265-0050		1C				T1.32
S		15	WASHER, FLYWEIGHT	096265-0060		1C				T1.28
		16	NUT, GOVERNOR SHAF	096254-0050	22722-54470	01				M10,L SCREW
		17	SHAFT SUB-ASSY, GO	096250-0030	22380-54020	01				
		18	O-RING	949140-2930	90099-14049	01				ID 8
		19	BOLT, SOCKET	096449-0110	22395-56351	03				M6,L16
		20	RING, GOVERNOR SLE	096255-0020	22147-54290	01				
		21	HOLDER, DELIVERY V	096425-0190	22131-17420	06				
		22	VALVE SUB-ASSY, DI	096420-0720	22104-17840	06				
S		23	SPRING, DELIVERY V	096427-0050	22148-5B250	06				
		24	GASKET, DELIVERY V	096426-0070	22149-56351	06				
		25	SEAT, DELIVERY VAL	096428-0010	22141-54010	06				
S		26	CAMPLATE SUB-ASSY,	096230-0391	22130-17840	01				
S		28	PLATE, PLUNGER, LW	096245-0020	22163-54010	01				
S		29	PLATE, PLUNGER, UP	096244-0040	22162-54010	01				
		30	SPRING, COUPLING	096224-0111	22659-17840	01			0007	
		30	SPACER, COUPLING	096225-0010	90099-70002	01	D	0008		
		31	COUPLING	096222-0070	22632-17840	01				
		32	GEAR, GOVERNOR DRI	096124-0030	22341-54010	01				
		33	JOINT, RUBBER	096126-0020	22169-54180	02				
		34	WASHER, DRIVE SHAF	096125-0010	22161-54010	01				
S		35	COVER, FEED PUMP	096147-0052	22511-58650	01				
		36	KEY, WOODRUFF	949130-0260	90099-13017	01				
		37	KEY, WOODRUFF	949130-0300	90099-13018	01				T4.023
		38	E-RING	90577-02000	90096-90024	01				D2

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Assy P/N: 096000-9733

S	M	Illust.No.	Part Name	DENSO P/N	Manu. P/N	QTY	I/C	Start	End	Remarks
S		39	BEARING, BALL	949100-2860	90099-10148	01				OD8
S		40	SEAL, OIL	096039-0040	22544-64740	01				
		41	PISTON ASSY, TIMER	096190-1161	22550-17840	01				
		42	SUB-PISTON, TIMER	096213-0020	22657-54010	01				
		43	PIN, TIMER SLIDE	096205-0060	22655-17840	01				
		44	STOPPER, TIMER SLI	096216-0120	22658-17840	01				
		45	CLIP, TIMER	096211-0080	22656-17840	01				
		46	COVER SUB-ASSY, TI	096210-0870	22790-17020	01				TIMER COVER
		46-1	COVER, TIMER	096218-0870	22612-17020	01				
		46-2	STOPPER, TIMER SLI	096216-0110	22658-17020	01				
		46-3	O-RING	096049-0290	22193-17020	01				ID 8.8
		46-4	NUT, HEXAGON	949050-5010	90099-05225	01				
		47	COVER, TIMER	096218-0901	22612-17840	01			0408	
		47	COVER, TIMER	096218-1030		01	B	0408		
		48	SPRING, TIMER, OUT	096208-1491	22615-17550	1C				K0.2,PINK
		48	SPRING, TIMER, OUT	096208-1501	22615-17551	1C				K0.22,BLUE
		48	SPRING, TIMER, OUT	096208-1511	22615-17552	1C				K0.18,GREEN
		48	SPRING, TIMER, OUT	096208-1850	22615-17840	1C				K0.24,YELLOW
		49	BRACKET SUB-ASSY,	096471-0740	22601-17840	01				
		50	O-RING	096049-0400	22193-17840	03				ID27.5
S		51	PLUG, DISTRIBUTIVE	096417-0040	22176-54020	01				
		52	BOLT, DISTRIBUTIVE	096418-0060	22128-56330	01				
		53	GASKET, DELIVERY V	096426-0030	22149-56200	02			9703	ID8.2,T1
		53	GASKET, DELIVERY V	096426-0130	22149-54771	02	B	9704		ID8.2,T1
		54	O-RING	949140-2970	90099-14052	01			9607	ID30
		54	O-RING	096049-0510	22193-54772	01	A	9607		ID30
S		55	SHEET, PLUNGER SPR	096247-0030	22145-56350	01				
		56	GUIDE SUB-ASSY, PL	096237-0020	22192-56350	02				
		57	SPRING, PLUNGER	096236-0100	22144-17840	02			9809	
		57	SPRING, PLUNGER	096236-0110	22144-5C090	02	A	9810		
		58	SHEET, PLUNGER SPR	096246-0030	22143-56350	02				
		60	O-RING	949140-2980	90099-14053	01				ID60
		61	PICKUP ASSY, TACHO	076300-2010	83180-60070	01				
		62	SPRING, LEVER SUPP	096279-0010	22314-54010	02				K1.03
		63	SMOKE SET SUB-ASSY	096480-0020		01				
		63-1	O-RING	949140-2900	90099-14047	01			9607	ID5
		63-1	O-RING	096049-0470	22193-54771	01	A	9607		ID5
		64	NUT	949056-1680	90179-06009	01				M6
		67	BOLT, SOCKET	096449-0020	22395-54010	04				M6,L35
		70	SCREW SUB-ASSY, OV	096020-0260	22160-17840	01				
		71	WASHER, AIR BLEEDE	090241-0010	22119-77020	06				T1.6
		73	SCREW, COUNTERSUNK	949002-0420	90099-00723	02				M4,L28
		75	O-RING	096049-0300	22193-54770	01				ID 6.5
		78	GASKET, DELIVERY V	096426-0060	22149-56350	01				FOR HEAD PLUG
		79	SPRING, RETURN	096444-1330	22322-17850	01				
		80	LEVER SUB-ASSY, AD	096435-5220	22701-17850	1C				MARK 522
		80	LEVER SUB-ASSY, AD	096435-5230	22701-17851	1C				MARK 523

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S	M	Illust.No.	Part Name	DENSO P/N	Manu. P/N	QTY	I/C	Start	End	Remarks
		80	LEVER SUB-ASSY, AD	096435-5240	22701-17852	1C				MARK 524
		82	GASKET, GOVERNOR C	096446-0100	22774-54270	01				
S		83	VALVE SUB-ASSY, RE	096160-0300	22180-17840	01				
		83-1	O-RING	096049-0180	22193-54561	01				ID10
		83-2	O-RING	949140-2920	90099-14080	01			9607	ID7.5
		83-2	O-RING	096049-0500		01	A	9607		
		84	NUT, LOCK	096342-0010	22775-77121	01				
		85	SCREW, OVERFLOW	096021-0190	22569-17140	01				FOR INLET
		86	BOLT, GOVERNOR LIN	096269-0020	22739-54020	02				
		87	BOLT, SOCKET	096449-0070	22395-58200	05				M6,L45
		88	BOLT, HEXAGON, W/	949045-0210	90099-04954	02				M6,L62
		91	WASHER, GOVERNOR T	096273-0140	22378-64010	01				T0.5
		92	SHIM, PLUNGER SPRI	096248-0010	22182-54010	2C				T0.5
		92	SHIM, PLUNGER SPRI	096248-0020	22183-54010	2C				T0.8
		92	SHIM, PLUNGER SPRI	096248-0030	22184-54010	2C				T1.0
		92	SHIM, PLUNGER SPRI	096248-0040	22185-54010	2C				T1.2
		92	SHIM, PLUNGER SPRI	096248-0050	22186-54010	2C				T1.5
		92	SHIM, PLUNGER SPRI	096248-0060	22187-54010	2C				T1.8
		92	SHIM, PLUNGER SPRI	096248-0070	22188-54010	2C				T2.0
		92	SHIM, PLUNGER SPRI	096248-0080	22182-17010	2C				T0.9
		92	SHIM, PLUNGER SPRI	096248-0090	22182-17011	2C				T1.1
		92	SHIM, PLUNGER SPRI	096248-0100	22182-17012	2C				T1.3
		92	SHIM, PLUNGER SPRI	096248-0110	22182-17013	2C				T1.4
		92	SHIM, PLUNGER SPRI	096248-0130		2C				T1.7
		92	SHIM, PLUNGER SPRI	096248-0140		2C				T1.9
		92	SHIM, PLUNGER SPRI	096248-0150		2C				T2.1
		92	SHIM, PLUNGER SPRI	096248-0170		2C				T0.85
		92	SHIM, PLUNGER SPRI	096248-0180		2C				T0.95
		92	SHIM, PLUNGER SPRI	096248-0190		2C				T1.05
		92	SHIM, PLUNGER SPRI	096248-0200		2C				T1.15
		92	SHIM, PLUNGER SPRI	096248-0210		2C				T1.25
		92	SHIM, PLUNGER SPRI	096248-0220		2C				T1.6
		92	SHIM, PLUNGER SPRI	096248-0230		2C				T0.2
		92	SHIM, PLUNGER SPRI	096248-0240		2C				T0.3
		92	SHIM, PLUNGER SPRI	096248-0250		2C				T0.4
		92	SHIM, PLUNGER SPRI	096248-0260		2C				T0.6
		92	SHIM, PLUNGER SPRI	096248-0270		2C				T0.7
		93	WASHER, GOVERNOR G	096266-0100	22713-54010	1C				T1.05
		93	WASHER, GOVERNOR G	096266-0110	22714-54010	1C				T1.25
		93	WASHER, GOVERNOR G	096266-0120	22715-54010	1C				T1.45
		93	WASHER, GOVERNOR G	096266-0130	22716-54010	1C				T1.65
		93	WASHER, GOVERNOR G	096266-0140	22717-54010	1C				T1.85
		93	WASHER, GOVERNOR G	096266-0150		1C				T1.55
		93	WASHER, GOVERNOR G	096266-0160		1C				T1.75
		93	WASHER, GOVERNOR G	096266-0170		1C				T2.05
		93	WASHER, GOVERNOR G	096266-0270		1C				T1.3
		93	WASHER, GOVERNOR G	096266-0280		1C				T1.4

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S	M	Illust.No.	Part Name	DENSO P/N	Manu. P/N	QTY	I/C	Start	End	Remarks
		93	WASHER, GOVERNOR G	096266-0290		1C				T1.5
		93	WASHER, GOVERNOR G	096266-0300		1C				T1.6
		93	WASHER, GOVERNOR G	096266-0310		1C		9807		T1.15
		93	WASHER, GOVERNOR G	096266-0320		1C		9807		T1.2
		93	WASHER, GOVERNOR G	096266-0330		1C		9807		T1.7
		93	WASHER, GOVERNOR G	096266-0340		1C		9807		T1.8
		94	PLUG, GOVERNOR SLE	096256-0991	22787-17842	1C				T2.1
		94	PLUG, GOVERNOR SLE	096256-1001		1C				T2.2
		94	PLUG, GOVERNOR SLE	096256-1011		1C				T2.3
		94	PLUG, GOVERNOR SLE	096256-1021		1C				T2.4
		94	PLUG, GOVERNOR SLE	096256-1031	22787-17843	1C				T2.5
		94	PLUG, GOVERNOR SLE	096256-1041		1C				T2.6
		94	PLUG, GOVERNOR SLE	096256-1051		1C				T2.7
		94	PLUG, GOVERNOR SLE	096256-1061		1C				T2.8
		94	PLUG, GOVERNOR SLE	096256-1071	22787-17844	1C				T2.9
		94	PLUG, GOVERNOR SLE	096256-1081		1C				T3.0
		94	PLUG, GOVERNOR SLE	096256-1091		1C				T3.1
		94	PLUG, GOVERNOR SLE	096256-1101		1C				T3.2
		94	PLUG, GOVERNOR SLE	096256-1111	22787-17845	1C				T3.3
		94	PLUG, GOVERNOR SLE	096256-1121		1C				T3.4
		94	PLUG, GOVERNOR SLE	096256-1131		1C				T3.5
		94	PLUG, GOVERNOR SLE	096256-1141		1C				T3.6
		94	PLUG, GOVERNOR SLE	096256-1151	22787-17846	1C				T3.7
		94	PLUG, GOVERNOR SLE	096256-1161		1C				T3.8
		94	PLUG, GOVERNOR SLE	096256-1171		1C				T3.9
		94	PLUG, GOVERNOR SLE	096256-1181		1C				T4.0
		94	PLUG, GOVERNOR SLE	096256-1191	22787-17847	1C				T4.1
		94	PLUG, GOVERNOR SLE	096256-1201		1C				T4.2
		94	PLUG, GOVERNOR SLE	096256-1211		1C				T4.3
		94	PLUG, GOVERNOR SLE	096256-1221		1C				T4.5
		94	PLUG, GOVERNOR SLE	096256-1231	22787-17848	1C				T4.6
		94	PLUG, GOVERNOR SLE	096256-1241		1C				T4.7
		94	PLUG, GOVERNOR SLE	096256-1251		1C				T4.8
		94	PLUG, GOVERNOR SLE	096256-1261		1C				T4.9
		94	PLUG, GOVERNOR SLE	096256-1271	22787-17849	1C				T5.0
		94	PLUG, GOVERNOR SLE	096256-1281		1C				T5.1
		94	PLUG, GOVERNOR SLE	096256-1291		1C				T5.2
		94	PLUG, GOVERNOR SLE	096256-1301		1C				T5.3
		95	WASHER, TIMER SENS	096214-0190	22625-17540	01			9609	
		95	WASHER, TIMER SENS	096214-0260		01	B	9610		
		96	COLLAR, SMOKE SET	096448-0111		01				ID7.9,L8
		97	SHIM, PLUNGER ADJU	096406-0020	22179-54010	1C				T1.9(*1)
		97	SHIM, PLUNGER ADJU	096406-0510	22179-17049	1C				T2.88
		97	SHIM, PLUNGER ADJU	096406-0580	22179-17055	1C				T3.2
		97	SHIM, PLUNGER ADJU	096406-0750	22179-17069	1C				T2.23
		97	SHIM, PLUNGER ADJU	096406-0910	22179-17146	1C				T2.55
		98	NUT, CAP	949055-0300	90099-05161	01				M12

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S	M	Illust.No.	Part Name	DENSO P/N	Manu. P/N	QTY	I/C	Start	End	Remarks
		104	SPRING, TIMER, OUT	096208-1830	22615-17841	01				
		105	O-RING	096049-0190	22193-64750	01				ID14.8
		106	WIRE SUB-ASSY	096045-0690	22751-17470	01				
		107	CLIP, CONNECTOR SU	096029-0950	22172-6A330	01				
		109	BODY, REGULATE VAL	096161-0160	22180-17140	01				
		110	COVER SUB-ASSY, TI	096210-1021	22790-17840	01				
		111	IDLE UP SUB-ASSY	096470-0501	22305-17850	01				
		112	BOLT, SOCKET	096449-0100	22395-56352	02				M6,L10
		115	WASHER, COPPER PLA	949018-1580	90099-01533	1C				T1
		115	WASHER, AIR BLEEDE	090241-0010	22119-77020	1C				T1.6
S		116	FILTER, SUB-ASSY	096530-0071	22602-56350	01				
		117	WASHER	096064-0110	22689-56350	01				
		118	NUT, HEXAGON	90166-06051	90092-10608	01				M6,L5
		119	ROD SUB-ASSY	096464-0050	22331-58490	01				
		120	BOLT, SOCKET	096449-0280	22395-17840	04				
		121	SCREW, OVERFLOW	096021-0090	22569-67050	01				
		122	BOLT, SOCKET	096449-0210	22395-17250	04				
		123	COLLAR, SMOKE SET	096448-0320	22749-17250	01				
		124	PIN, LEVER CONECTI	096455-0070	22338-54410	01				NOMNAL DIA.4.0
		125	ACTUATOR SET, IDLE	096472-0930	26133-17842	01				
		127	SENSOR, ROTARY POS	198500-5021	89452-36010	01				
		128	BRACKET, IDLE UP	096438-2780	22178-17840	01				
		129	BOLT, SOCKET	096449-0220	22395-5B320	02				
		130	SCREW, W/WASHER	91370-04121	93315-14012	02				M4,L12
S		131	FILTER, SUB-ASSY	096530-0111	22602-5B320	01		9701		
		132	O-RING	096049-0460	22193-5B320	01		9701		ID6.5
		133	WASHER	096064-0220	22689-5B170	01		0008		T1.8

INJECTION PUMP TEST SPECIFICATIONS

096000-9732

MANUFACTURER	TOYOTA	INJECTION PUMP		096000-973#				
ENGINE TYPE	1HD-FT			VE6/12F2000RND973				
VEHICLE MODEL	LAND CRUISER	ROTATION	Clockwise viewed from drive side	GOVERNOR TYPE	Maximum-minimum speed			
RATED VOLTAGE	12V	INJECTION ORDER	A - B - C - D - E - F	INJECTION INTERVAL	60° ± 30'			
Dimension KF (mm)		7.10 ± 0.10		Dimension MS (mm)		2.38 ± 0.03		
Dimension K (mm)		3.50 ± 0.10		Dimension PS (mm)		0.50 ± 0.02		
1. TEST CONDITIONS								
Nozzle		093400-0540 (DN12SD12A)		Feed Pressure		19.6 kPa (0.2 kgf/cm ²)		
Nozzle Opening Pressure		14.7 ± 0.5 MPa (150 ± 5 kgf/cm ²)		High Pressure Pipe		11/2 X 11/6 X 840 mm		
Test Oil		SAE J967 (ISO4113)		Fuel Temperature		40 - 45 °C (104 - 113°F)		
NOTE : Apply 6 volts DC across the fuel cut solenoid during adjustment.								
2. PRE-ADJUSTMENT								
	Lever Position (deg)	Pump Speed (rpm)	Boost Pressure		Fuel Delivery		Max. Spread in Delivery	
			(kPa)	(mmHg)	(mm ³ /st)	(cc/200st)	(mm ³)	(cc)
Full Load	26 ± 5°	1080	121.0	910	78.6 ± 4.0	15.7 ± 0.8	8.0	1.6
High Speed	(Full position)	2200	121.0	910	25.0 ± 5.0	5.0 ± 1.0	—	—
3. ADJUSTMENT OF INTERNAL PRESSURE								
Lever Position	Pump Speed (rpm)	Boost Pressure		Internal Pressure		Remarks		
		(kPa)	(mmHg)	(kPa)	(kgf/cm ²)			
Full	1080	121.0	910	More than 402.1	More than 4.1	By the regulating valve		
	1800	121.0	910	843.4 ± 29.4	8.6 ± 0.3			
4. OVERFLOW QUANTITY CHECK								
Lever Position	Pump Speed (rpm)	Boost Pressure		Overflow Quantity		Remarks		
		(kPa)	(mmHg)	(L/h)	(cc/1000st)			
Full	1800	121.0	910	78 - 117	718 - 1079			
NOTE : The overflow valve belonging to the pump should be used checking.								
5. ADJUSTMENT OF TIMER								
Lever Position	Pump Speed (rpm)	Boost Pressure		Piston Travel (mm)	Remarks			
		(kPa)	(mmHg)					
Full	1080	121.0	910	1.13 ± 0.50	Max. piston travel			
	1440	121.0	910	3.74 ± 0.50				
	1800	121.0	910	6.35 ± 0.50				
	—	121.0	910	8.20 ± 0.50				
NOTE : Hysteresis at each pump speed is less than 0.3 mm.								

6. ADJUSTMENT OF BOOST COMPENSATOR								
Lever Position	Pump Speed (rpm)	Boost Pressure		Fuel Delivery		Max. Spread in Delivery		Remarks
		(kPa)	(mmHg)	(mm ³ /st)	(cc/200st)	(mm ³)	(cc)	
Full	720	121.0	910	75.9 ± 2.7 = A	15.2 ± 0.5 = A	—	—	
	720	0	0	39.1 ± 1.8	7.8 ± 0.4	—	—	
	720	41.3	310	43.1 ± 2.8	8.6 ± 0.6	—	—	
	720	80.0	600	67.1 ± 4.3	13.4 ± 0.9	—	—	
	720	111.0	830	More than (A – 1.5)	More than (A – 0.3)	—	—	
7. ADJUSTMENT OF FUEL DELIVERY								
Lever Position	Pump Speed (rpm)	Boost Pressure		Fuel Delivery		Max. Spread in Delivery		Remarks
		(kPa)	(mmHg)	(mm ³ /st)	(cc/200st)	(mm ³)	(cc)	
Full	1080	121.0	910	78.6 ± 4.0	15.7 ± 0.8	8.0	1.6	By full load setting screw
	2200	121.0	910	25.0 ± 5.0	5.0 ± 1.0	—	—	By max. speed setting screw
Idle	2100	121.0	910	approx 69.0	approx 13.8	—	—	
	2200	121.0	910	Less than 5.0	Less than 1.0	—	—	
Full	100	41.3	310	approx 88.0	approx 17.6	—	—	By governor sleeve plug
	400	41.3	310	46.5 ± 5.7	9.3 ± 1.1	—	—	
	500	41.3	310	44.8 ± 3.2	9.0 ± 0.6	—	—	
	720	80.0	600	67.1 ± 4.3	13.4 ± 0.9	—	—	
	1800	121.0	910	approx. 88.7 = B	approx. 17.7 = B	—	—	
	1440	121.0	910	C	C	—	—	C = Measurement
8. SETTING OF LOAD SENSING TIMER								
Lever Position		Pump Speed (rpm)	Boost Pressure		Fuel Delivery		Remarks	
			(kPa)	(mmHg)	(mm ³ /st)	(cc/200st)		
Start of Load Sensing		1800	121.0	910	Less than (B – 5.0)	Less than (B – 1.0)	By governor shaft	
End of Pressure Drop		1440	121.0	910	(C – 19.0) ± 5.0	(C – 3.8) ± 1.0	Check	
Check Points		1. Change of Piston Travel : 1.95 ± 0.50 mm (Pump speed 1440 rpm) 2. Dimension of Governor Shaft : L = 1.15 ± 0.85 mm						

9. SETTING OF ADJUSTING LEVER AT LOW SPEED							
Lever Position (deg)	Pump Speed (rpm)	Boost Pressure (kPa)	Fuel Delivery		Max. Spread in Delivery		Remarks
			(mm ³ /st)	(cc/500st)	(mm ³)	(cc)	
17 ± 5° (Idle position)	400	41.3 (310 mmHg)	4.5 ± 1.0	2.3 ± 0.5	2.5	1.3	Lever setting

10. SETTING OF ADJUSTING LEVER AT PARTIAL RANGE								— : Not Applicable
Pump Speed (rpm)	Boost Pressure		Fuel Delivery		Remarks			
	(kPa)	(mmHg)	(mm ³ /st)	(cc/500st)				
—	—	—	—	—	—			

11. CHARACTERISTIC OF A.C.S.D.							
Lever Position	Pump Speed (rpm)	Boost Pressure		Measuring Value	Remarks		
		(kPa)	(mmHg)				
Idle	350	41.3	310	1.25 ± 0.1 mm	Piston Travel		
	350	41.3	310	0 mm ³ /st	Idle-up Quantity (0 cc/500st)		
Fuel temperature : 39 - 41°C							

12. ADJUSTMENT OF T.C.V.								— : Not Applicable
Lever Position	Pump Speed (rpm)	Boost Pressure		Piston Travel (mm)	Remarks			
		(kPa)	(mmHg)					
—	—	—	—	—	—			

13. SETTING OF DIAPHRAGM FOR HEATER & POWER STEERING								— : Not Applicable
Pump Speed (rpm)	Vacuum Pressure		Fuel Delivery		Remarks			
	(kPa)	(mmHg)	(mm ³ /st)	(cc/500st)				
—	—	—	—	—	—			

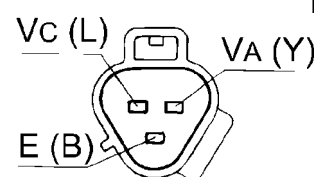
14. ADJUSTMENT OF POWER CONTROL							
Lever Position	Pump Speed (rpm)	Boost Pressure		Fuel Delivery		Remarks	
		(kPa)	(mmHg)	(mm ³ /st)	(cc/200st)		
Full	100	41.3	310	60.0 ± 3.5	12.0 ± 0.7	By PCS lever stopper	

15. ADJUSTMENT OF THROTTLE POSITION SENSOR

Lever Position	Pump Speed (rpm)	Boost Pressure		Fuel Delivery		Sensor Output Voltage (V)	Remarks
		(kPa)	(mmHg)	(mm ³ /st)	(cc/500st)		
—	1000	—	—	33.3 ± 1.3	16.7 ± 0.7	2.754 ± 0.025	Set point

16. FINAL CHECK AFTER

1. Range of lever angle between idle and full lever position is $43 \pm 5^\circ$.
2. Resistance of pick-up tachometer must be 810 ± 160 ohms.
3. A/T throttle lever setting (fig. 1)
 - (1) Set lever at low speed along the test specification.
 - (2) Idle position adjustment of A/T throttle lever without ACSD operation. Set the adjusting lever at idle position, and adjust the length of connecting rod to get specified gap (A) between A/T throttle lever and stopper of bracket. (A : 2.0 ± 0.1 mm)
 - (3) ACSD adjustment & Idle-up adjustment.
4. NOTE: If the pump has ACSD, adjust a screw (B) as shown in the figure.
Power control lever should be push toward the distributor head, in order to set the system inoperative while adjustment.(fig. 2)



RPS Connector

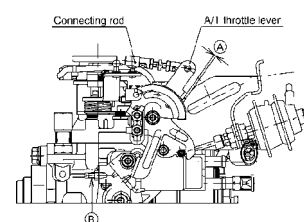


fig. 1

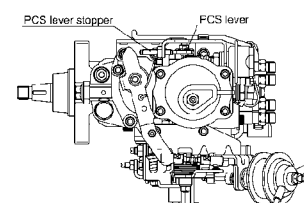


fig. 2

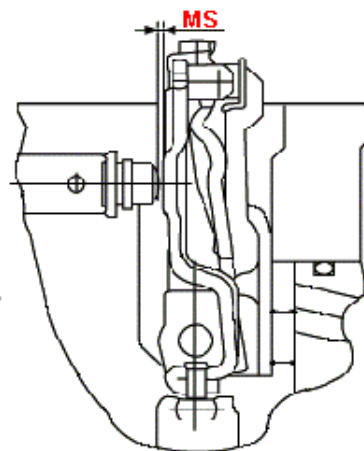
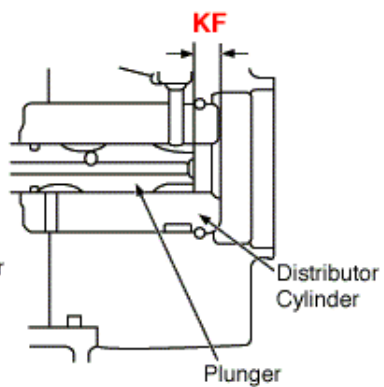
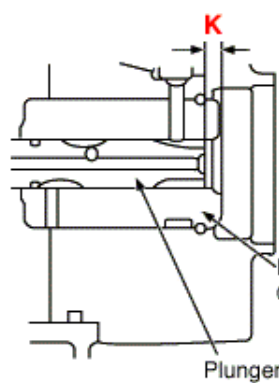
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KF: 7.0-7.2

MS: -



Remarks

Assembly Dimension Search Result

Page 1

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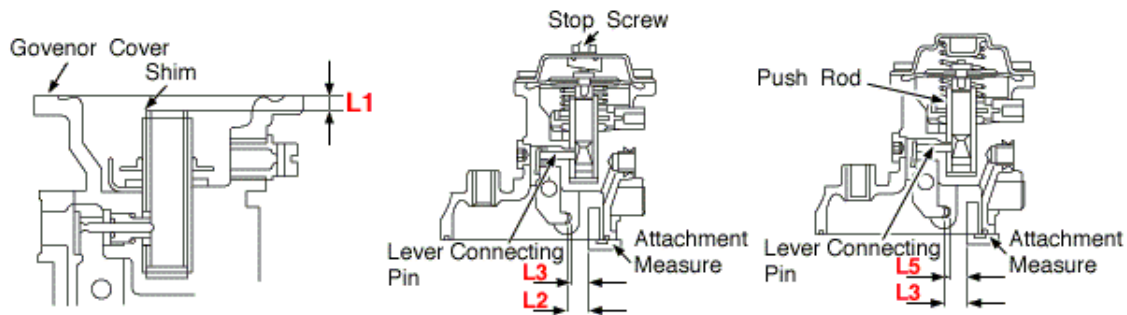
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L3: -

L5: -



Remarks