



Contents

22 - Mixture preparation, Carburetor	1
1 Air cleaner - 34 PICT carburettor	1
1.1 Air cleaner - 34 PICT carburettor	1
1.2 Checking automatic intake air preheating	2
1.3 Checking temperature regulator	2
1.4 Checking intake manifold preheating	3
2 Servicing 34 PICT carburettor	4
2.1 Servicing 34 PICT carburettor	4
2.2 Top part of carburettor	5
2.3 Bottom part of carburettor	7
2.4 carburettor adjustment data	10
2.5 Jets and settings	11
2.6 Adjusting idling speed	13
2.7 Checking and adjusting cold idling speed	14
2.8 Checking function of pull-down unit	15
2.9 Checking and adjusting choke valve gap	15
2.10 Basic throttle valve setting	16
2.11 Checking and adjusting amount injected by accelerator pump	16
2.12 Cold idling valve	19
2.13 Water-heated and electrically heated automatic choke	20
2.14 Vacuum connections	22
3 Air cleaner - Keihin carburettor	24
3.1 Air cleaner - Keihin carburettor	24
3.2 Checking automatic intake air preheating	24
3.3 Checking intake manifold preheating	24
4 Servicing Keihin carburettor>07.78	26
4.1 Servicing Keihin carburettor>07.78	26
4.2 carburettor adjustment data	30
4.3 Jets and settings	31
4.4 Adjusting idling speed	32
4.5 Checking and adjusting cold idle speed	33
4.6 Adjusting throttle valve gap for overrun boost	33
4.7 Checking and adjusting throttle valve positioner	34
4.8 Checking and adjusting quantity injected by accelerator pump	35
4.9 Adjusting choke cable	36
5 Servicing Keihin carburettor 08.78 >	37
5.1 Servicing Keihin carburettor 08.78 >	37
5.2 Top part carburettor	39
5.3 Bottom part of carburettor	41
5.4 carburettor adjustment data	43
5.5 Jets and settings	44
5.6 Adjusting idling speed	46
5.7 Checking and adjusting cold idle speed	47
5.8 Checking and adjusting choke valve gap	48
5.9 Checking vacuum system of pull-down unit	49
5.10 Checking and adjusting quantity injected by accelerator pump	50
5.11 Basic setting of throttle valve stage II	51
5.12 Checking vacuum limiter	52
5.13 Checking stage II thermopneumatic valve	52
5.14 Checking and adjusting float level	53
5.15 Checking overrun boost	53
5.16 Adjusting choke cable	57
5.17 Vacuum connections	58



28 - Ignition system	68
1 Servicing breaker-triggered ignition system	68
1.1 Servicing breaker-triggered ignition system	68
1.2 Adjustment data, spark plugs	72
1.3 Distributor data	74
1.4 Installing distributor	77
1.5 Checking and adjusting dwell angle and ignition timing point	78
1.6 Checking ignition timing	79
1.7 Vacuum unit leak test	80
1.8 Checking vacuum advance control	82
2 Servicing TIC-H ignition system	84
2.1 Servicing TIC-H ignition system	84
2.2 Safety precautions for TCI-H ignition system	90
2.3 Adjustment data, spark plugs	91
2.4 Distributor data	92
2.5 Installing distributor	94
2.6 Checking and adjusting ignition timing point	95
2.7 Checking ignition timing	96
2.8 Vacuum unit leak test	98
2.9 Checking TCI-H ignition system	101
2.10 Checking DIS switch unit	103
2.11 Removing and installing rotor plate	104
2.12 Checking vacuum advance control	104
2.13 Adjusting engines with Digital Idling Stabilizer (DIS)	105
2.14 Setting adjustments for engines with DIS/TCI 07.00 >	106