

# GENERAL SERVICE INFORMATION

## Ignition Timing Adjustment

Models 40D2 / 50D2

- 7** 1. Adjust ignition timing link (1) and throttle link (2) to specified length.

Model	Length	
	Ignition Timing Link (1)	Throttle Link (2)
40D2	3.98 in [101 mm]	4.53 in [115 mm]
50D2	3.86 in [98 mm]	4.53 in [115 mm]

- 8** 2. Place advancer arm (3) in the maximum speed position (wide open throttle) and make sure the carburetor throttle is fully open. If throttle is not fully open, make fine adjustments using throttle link (2).

- 7** 3. Adjust ignition timing link (1) so ignition timing at full throttle matches the following specifications:

Model	Ignition Timing - Full Throttle
40D2	BTDC $18^{\circ} \pm 1^{\circ}$
50D2	BTDC $20^{\circ} \pm 1^{\circ}$

### NOTE

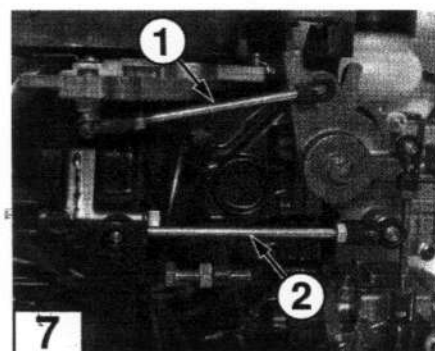
- 9** Align flat surface (4) of crankcase mold boss with calibration marks on set ring.

- 10** 4. Place advancer arm (3) in the minimum speed position (throttle fully closed) and adjust low speed side stopper (5) so ignition timing matches the following specifications:

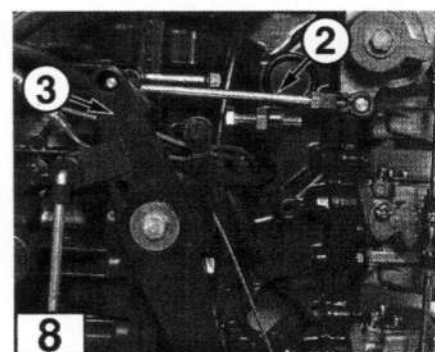
Model	Ignition Timing - Throttle Closed
40D2	ATDC $3^{\circ} \pm 1^{\circ}$
50D2	ATDC $3^{\circ} \pm 1^{\circ}$

### NOTE

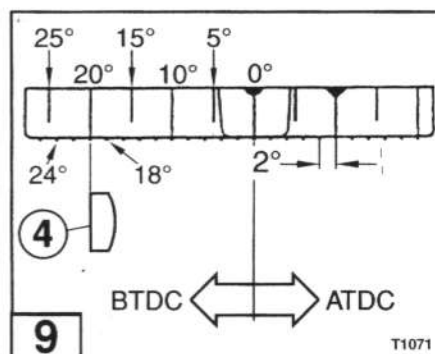
- 11** Align flat surface (4) of crankcase mold boss with calibration marks on set ring.



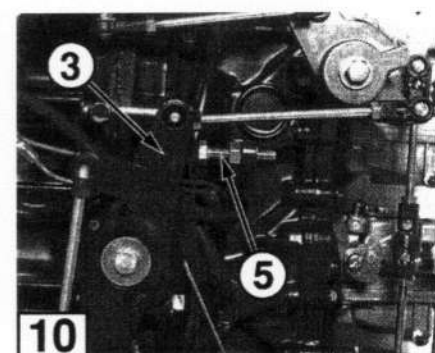
T1069



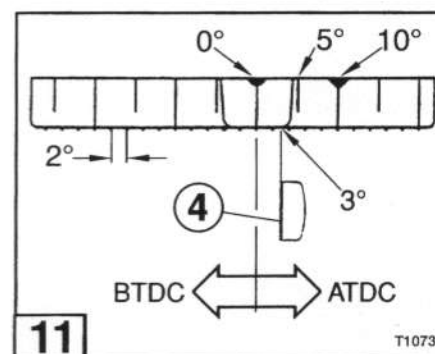
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