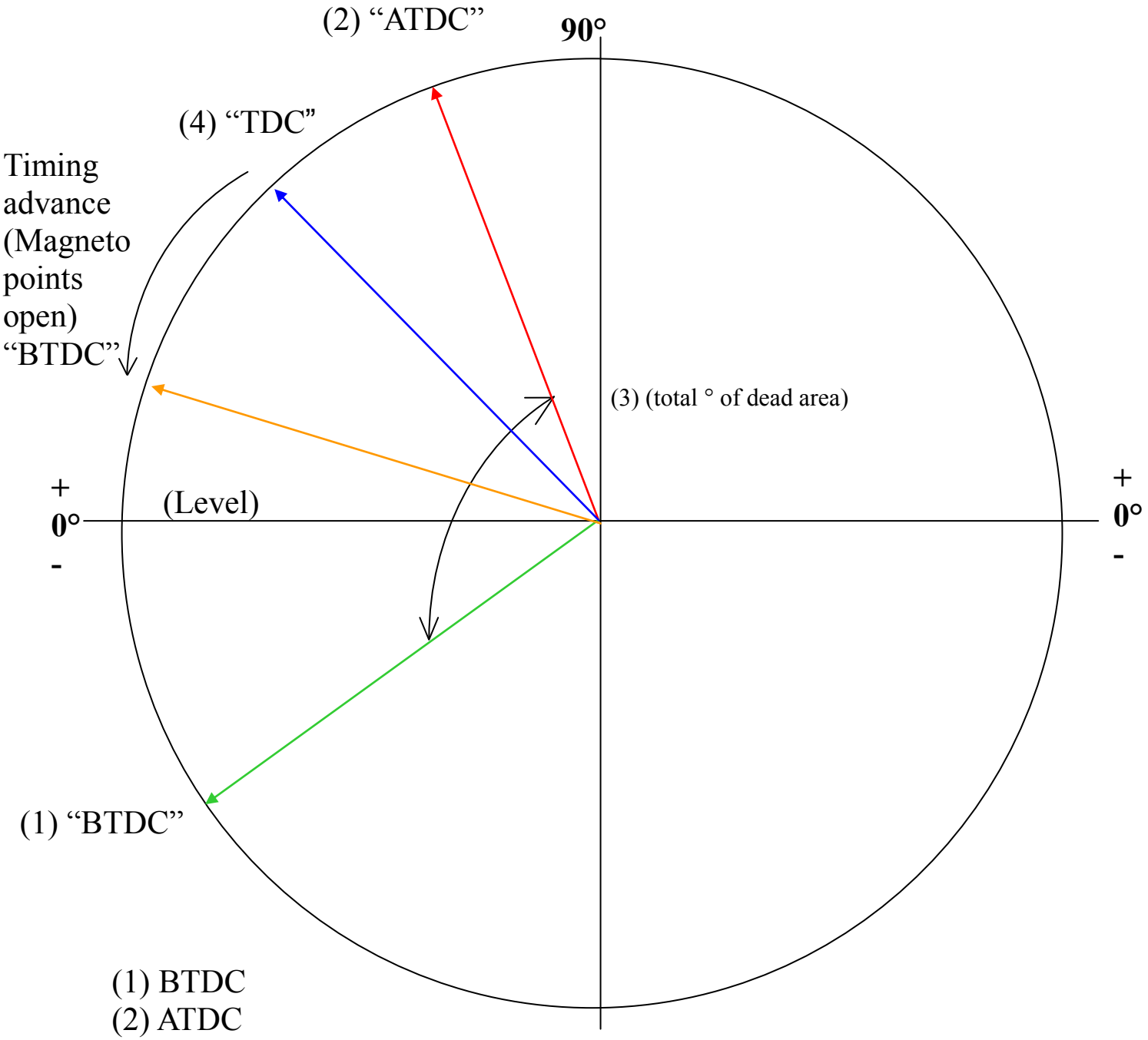
Timing adjustment instructions

Revised 8/25/14



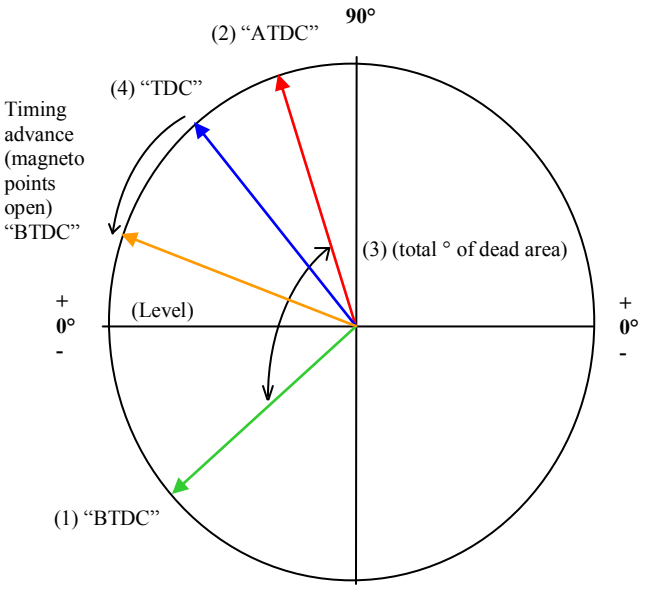
(1) BTDC
(2) ATDC
(3) total° of dead area ÷ 2 = TDC° (4)
(4) TDC° - mag BTDC° = mag timing “points start to open”

- Rotate prop in normal direction of rotation when checking mag “points start to open.”
- Do not use reverse rotation.
- The “keys”—determine the “dead area,” know your relationship to “+/- level” angle, DRAW on the chart.

Revised 8/25/14

Timing adjustment worksheet

Timing adjustment instructions



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N # _____

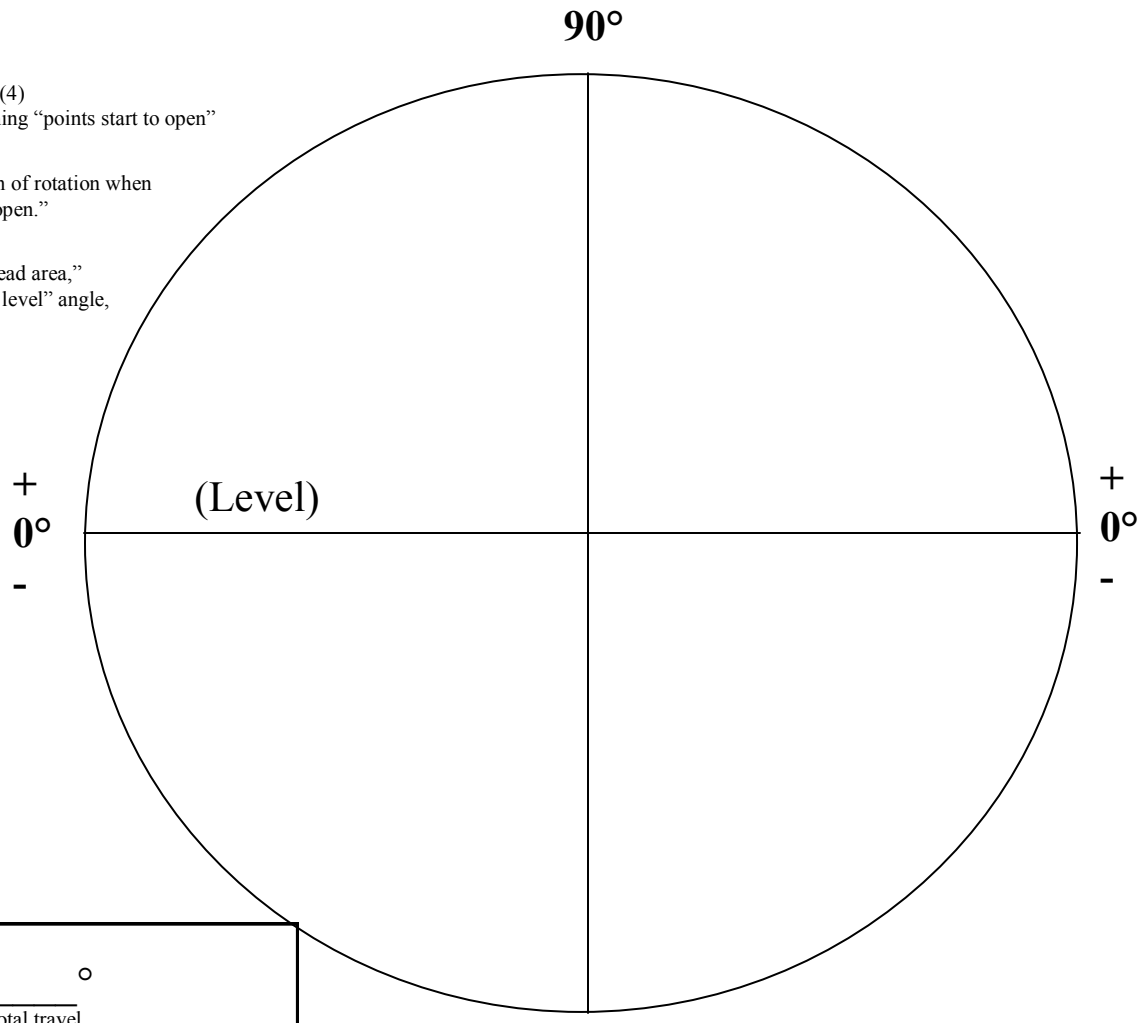
Owner _____

Date _____

Flight/Tach/Hobbs _____

Factory spec timing _____

Pre Adjustment	Post Adjustment
Left (red) _____	Left (red) _____
Right (green)_____	Right (green) _____



_____° + _____° = _____°
BTDC ATDC total travel

_____° ÷ 2 = _____°
total travel half travel

_____° - _____° = _____°
ATDC angle half travel TDC

_____° - _____° = _____° *
TDC degrees of advance target angle for magneto timing

* Target angle _____°