



(780) 440-5007

15369 117 Ave NW

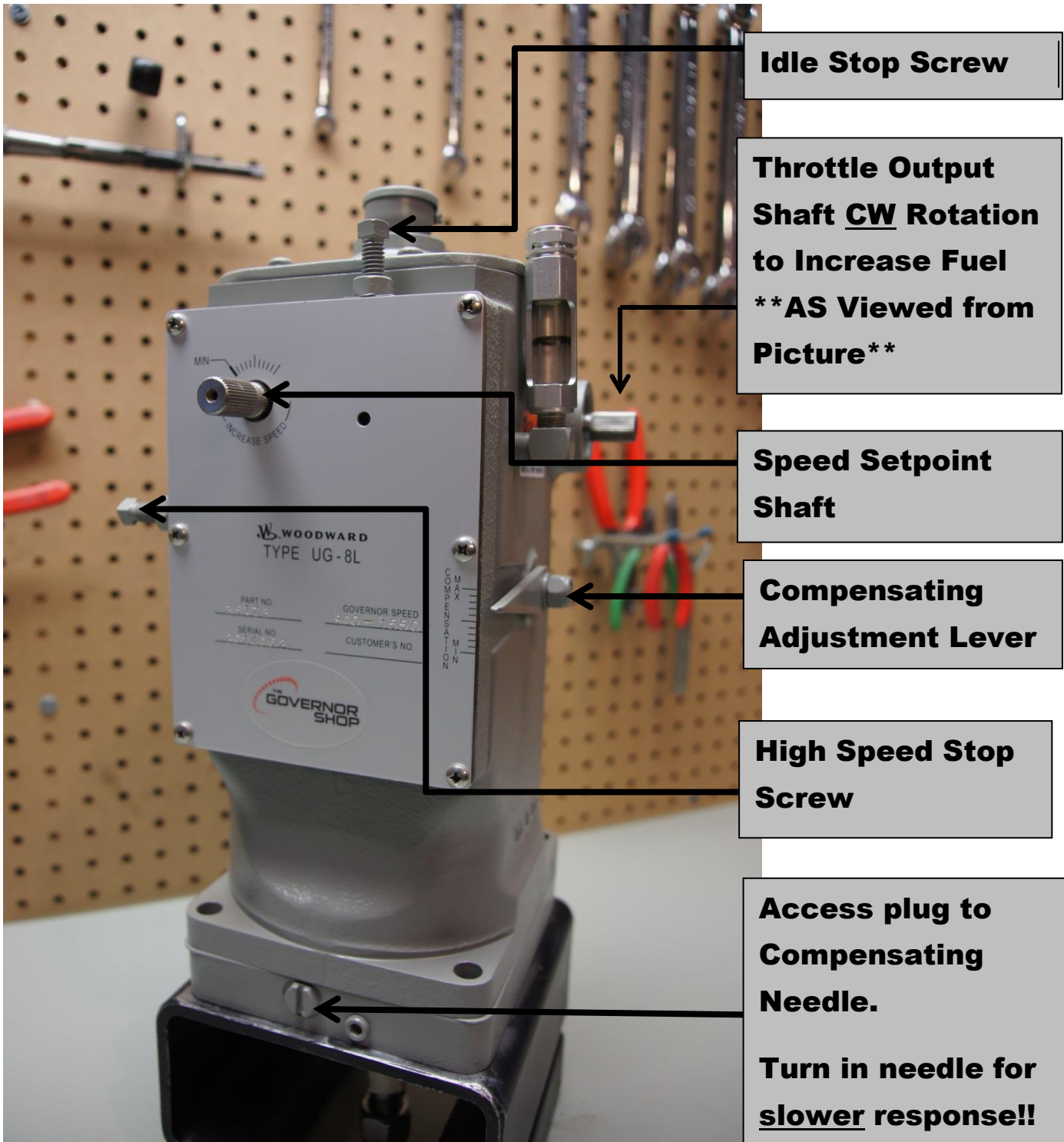
Edmonton, AB T5M 3X4

www.governorshop.com

Reference Manual



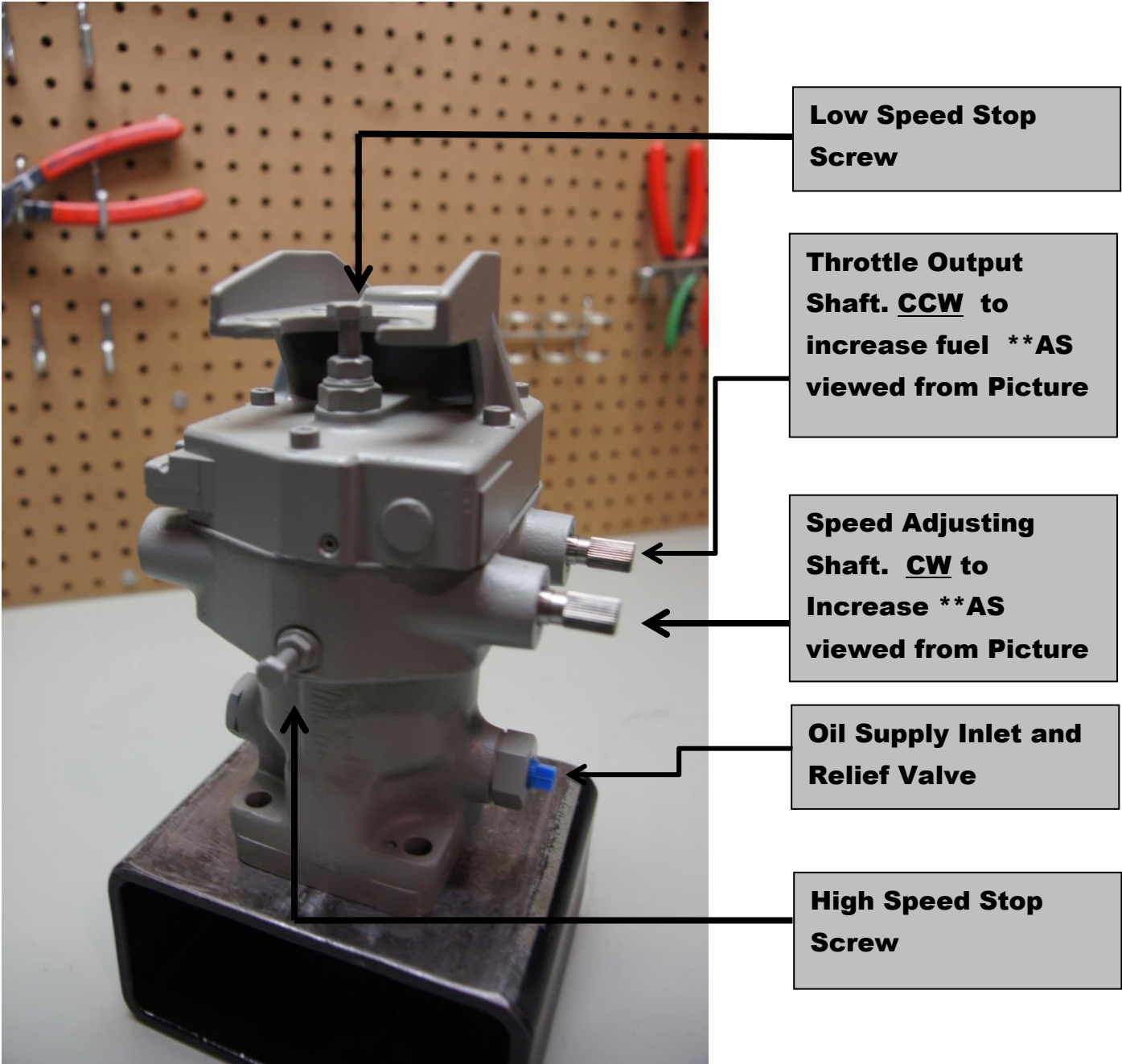
Woodward UG8L Governor



TYPICAL: WAUKESHA compensation needle set to ½ turn out with Comp. Lever @ mid-point.

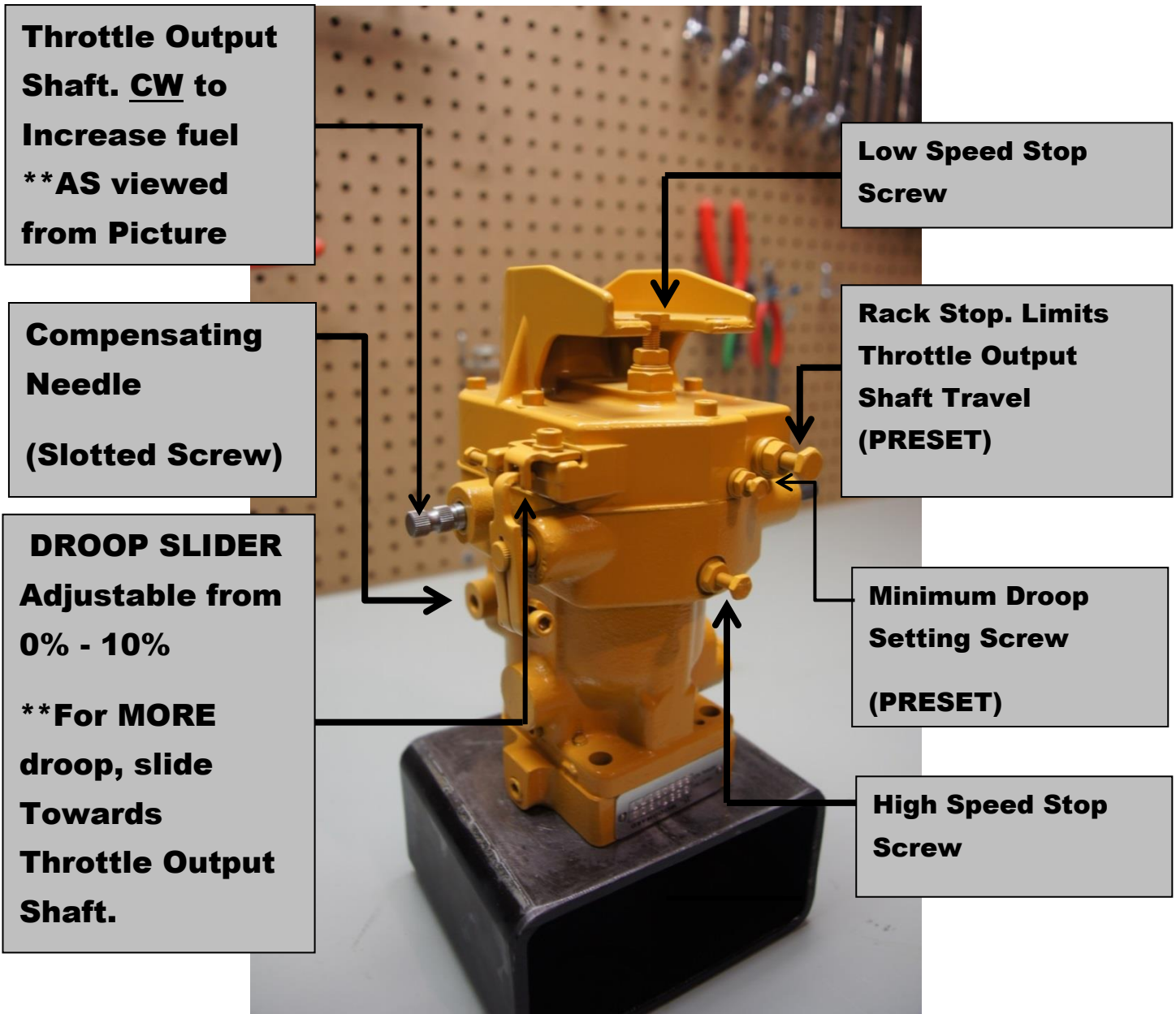
TYPICAL: WHITE Superior compensation needle set to ¼ turn out with Comp Lever @ Max.

Basic SG (Simple Governor)



****Note:** For Governors with Internal Droop, move Slider AWAY from output shaft to increase droop.

PSG (Pressure Compensated Simple Governor)



***NOTE: Compensation needle should NEVER be fully closed, MUST be at least 1/8 open.

**Note: For Governors with Internal Droop. Move Slider away from output shaft to increase droop.

Caterpillar PSG BASE



Caterpillar OIL SUPPLY inlet on base of Governor

CAT Hydra Mechanical Governor (CAT 3304/3306)

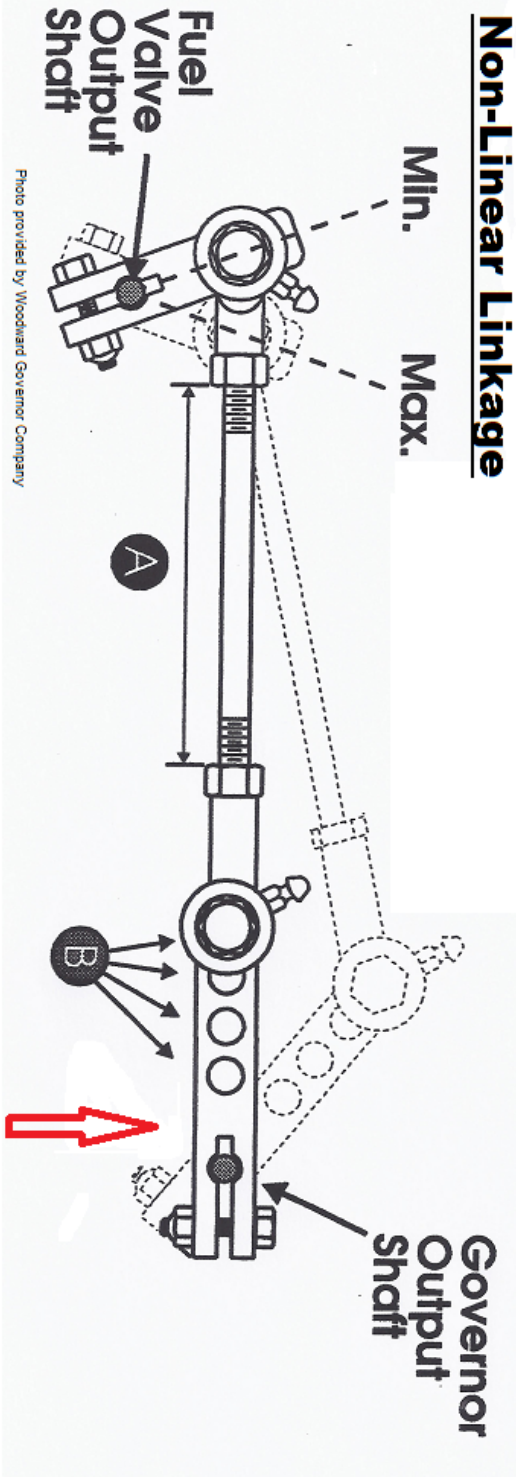


3306 Turbo Charged Unit



3304/3306 Natural Aspirated Unit

Non-Linear Linkage



Adjustments:

- A- Adjusts the NO LOAD Position
- B- Adjusts the Governor/Actuator travel from NO LOAD to FULL LOAD

Note: When setting Linkage, USE FULL Governor Output travel to control throttle (fuel valve) from Closed to Open position.

Limiting engine throttle less 20-25% is acceptable to achieve the travel needed.

ie. Governor Travel Close to Open 0-100% = Engine throttle 0-75 %

Used on: Gas and Gasoline Engines with Carburetors
or NON-Linear Valves.