

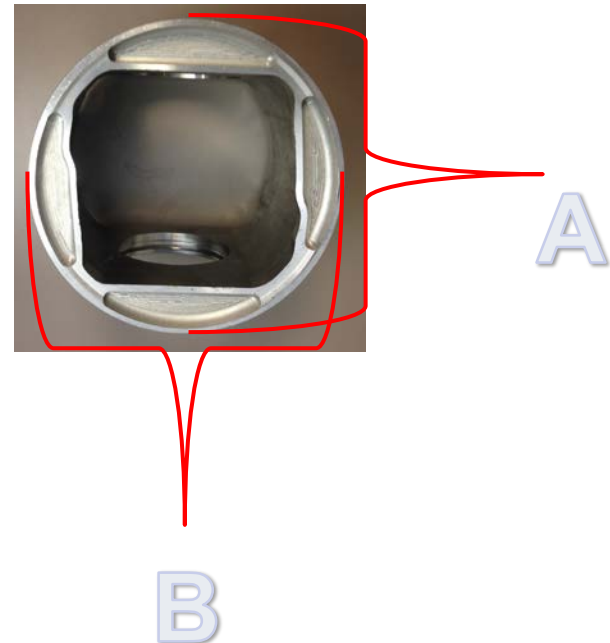
T-12 Piston Skirt Measurements

Juan Vega

November 11, 2015



- Measured skirts in three locations.
 - Measurement “A” parallel with piston pin.
 - Measurement “B” perpendicular to piston pin
 - Measurement “B” has an upper and a lower measurement (Top and Bottom of skirt).
- Measured skirts beginning with T in the date code
- Measured skirts beginning with W in the date code
- Compared results



T-12 Piston Skirt Measurements



Valued Quality. Delivered.

Part Number	Date Code	Measurement A (in) (Front to Back)	Measurement B Top (in) (Thrust-Anti-Thrust)	Measurement B Bottom (in) (Thrust-Anti-Thrust)	DELTA from Top to Bottom (in)	SIGNS OF RUBBING	OTHER INFO
P5634S01-01	T070102002P7	4.858	4.871	4.872	0.001	NO	Ran full test
P5634S01-01	T070135505P7	4.857	4.87	4.87	0	NO	High OC
P5634S01-01	T072115744P7	4.857	4.869	4.87	0.001	NO	
P5634S01-01	T072133847P7	4.857	4.868	4.872	0.004	NO	
P5634S01-01	T072164948P7	4.856	4.87	4.872	0.002	NO	High OC
P5634S01-01	T072165016P7	4.857	4.869	4.869	0	NO	High OC
P5634S01-01	T072165038P7	4.858	4.87	4.87	0	NO	
P5634S01-01	T072170506P7	4.858	4.87	4.871	0.001	NO	High OC
P5634S01-01	T082184426P7	4.857	4.869	4.869	0	NO	High OC
P5669S00-02	W061032324P7	4.859	4.871	4.872	0.001	YES	Rubbing on thrust side of skirt
P5669S00-02	W061033039P7	4.857	4.868	4.87	0.002	NO	Ran full test
P5669S00-02	W061034325P7	4.86	4.87	4.871	0.001	YES	Rubbing is minor
P5669S00-02	W061035232P7	4.863	4.869	4.87	0.001	YES	Rubbing is minor
P5669S00-02	W061035502P7	4.864	4.869	4.871	0.002	YES	Ran full test
P5669S00-02	W061035753P7	4.86	4.87	4.871	0.001	NO	Ran full test
P5669S00-02	W061042655P7	4.857	4.867	4.869	0.002	NO	Ran full test
P5669S00-02	W061042947P7	4.86	4.869	4.872	0.003	YES	High OC
P5669S00-02	W061044143P7	4.859	4.869	4.871	0.002	NO	Ran full test
P5669S00-02	W061044905P7	4.859	4.868	4.87	0.002	NO	High OC
P5669S00-02	W061044921P7	4.862	4.87	4.873	0.003	YES	High OC
P5669S00-02	W061045220P7	4.863	4.87	4.873	0.003	YES	High OC
P5669S00-02	W061050227P7	4.858	4.869	4.871	0.002	NO	Ran full test
P5669S00-02	W061053126P7	4.859	4.869	4.872	0.003	NO	High OC
P5669S00-02	W061053217P7	4.858	4.87	4.872	0.002	NO	Ran full test
P5669S00-02	W061053533P7	4.858	4.87	4.872	0.002	NO	High OC
P5669S00-02	W062012500P7	4.864	4.869	4.872	0.003	New	
P5669S00-02	W062013508P7	4.863	4.868	4.871	0.003	New	
P5669S00-02	W062124803P7	4.862	4.868	4.87	0.002	YES	Ran full test
P5669S00-02	W063140115P7	4.865	4.868	4.871	0.003	New	
P5669S00-02	W063140807P7	4.864	4.869	4.873	0.004	New	
P5669S00-02	W063142412P7	4.862	4.869	4.873	0.004	New	

- Measurements in the “A” direction (Front to Back, in line with the pin) increased when part number changed.
- Measurements in the “B” direction (Thrust – Anti-thrust) stayed consistent throughout batch change.
- Skirts with measurements greater than 4.859 in (123.418 mm) in “A” direction (Front to Back) have signs of rubbing.