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Adjust Housing Instructions

Setting the ABH (if equipped)

Setting the adjustable bend housing is a fairly simple operation. Below is the procedure for setting the Toro adjustable bend housing:

- 1 Tong in the areas as shown in Figure 8. **Do not tong on the Orientation Sleeve.**
- 2 Break apart the ABH connection
- 3 Unthread the Lower ABH Housing two to four complete turns

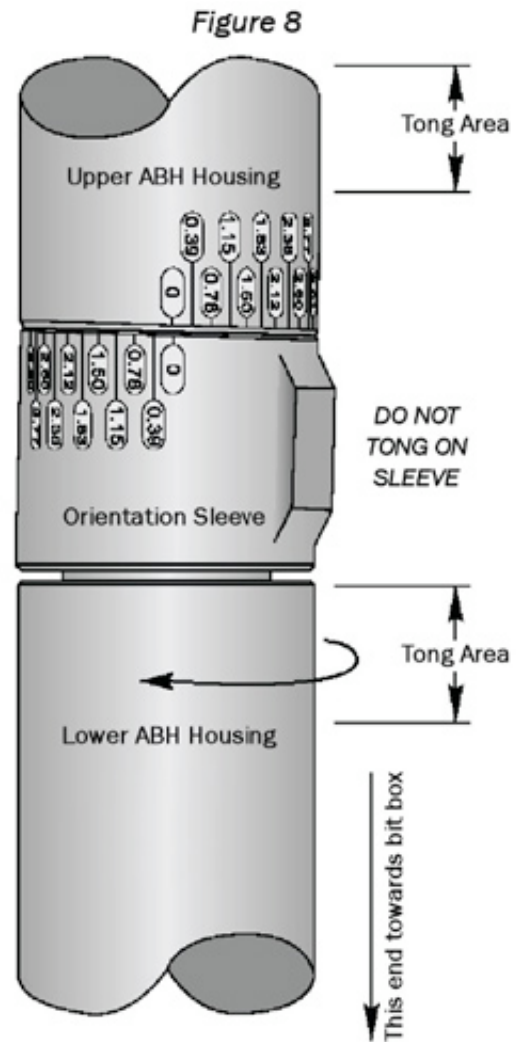
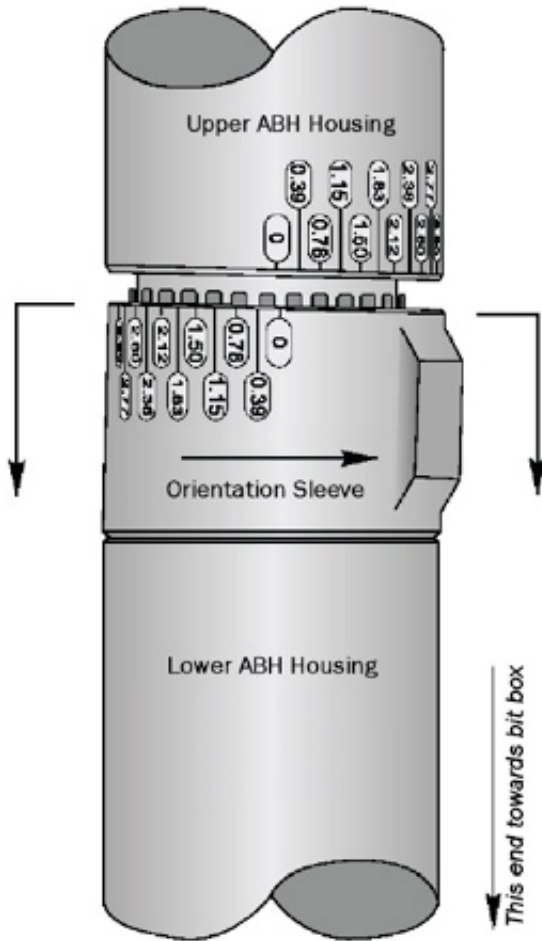


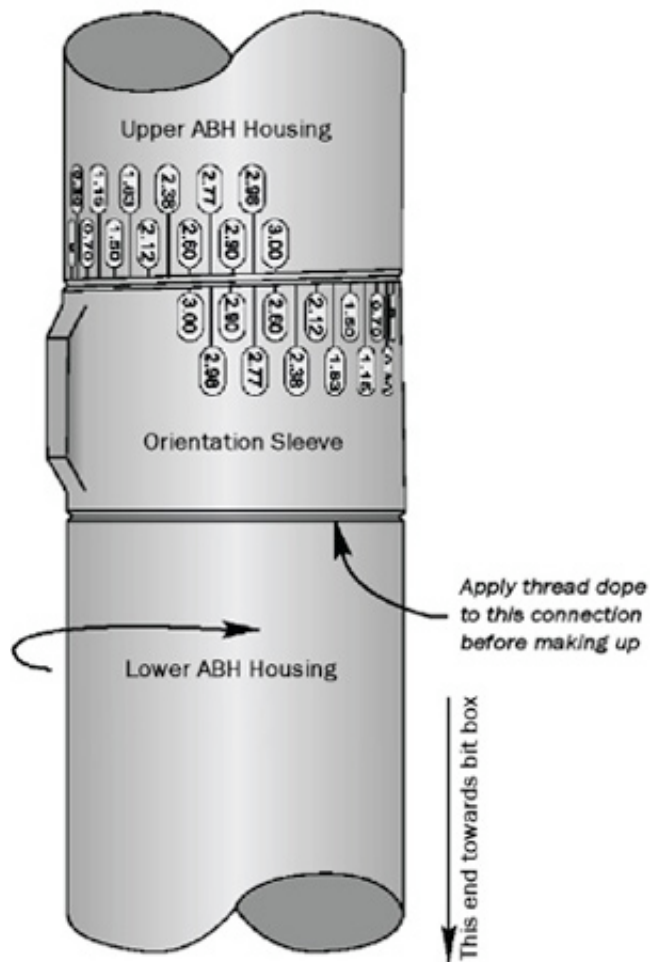
Figure 9



- 4 Referencing Figure 9, slide the Orientation Sleeve down to disengage the interlocking teeth.
- 5 To adjust the bend angle, rotate the Orientation Sleeve (no more than $\frac{1}{2}$ turn either direction) until the desired bend angle mark is in-line with the identical bend angle mark on the Upper ABH Housing.
- 6 Referencing Figure 10, slide the Orientation Sleeve upward so that the interlocking teeth are fully engaged.
- 7 Check to see if the desired bend angle marks on both the Upper ABH Housing and the Orientation Sleeve are in-line.
- 8 Apply thread dope to the bottom face of the Orientation Sleeve. Caution – *Do not use thread locking compound on the ABH connections.*

Figure 10

- 9 While keeping the Orientation Sleeve fully engaged in the Upper ABH Housing, thread on the Lower ABH Housing until it shoulders against the Orientation Sleeve.
- 10 Tong in the areas as shown in Figure 8 and apply the appropriate torque to the connection. See the Table on the next page for the recommended ABH torque values.
- 11 The bend angle marks on the Upper ABH Housing and the Orientations Sleeve that match and are in-line with each other tell the angle of the ABH. In addition, these matching and in-line bend angle marks indicate the high side of the tool.



Note: an ABH Angle Mark Identification Guide is located in the back of this manual.

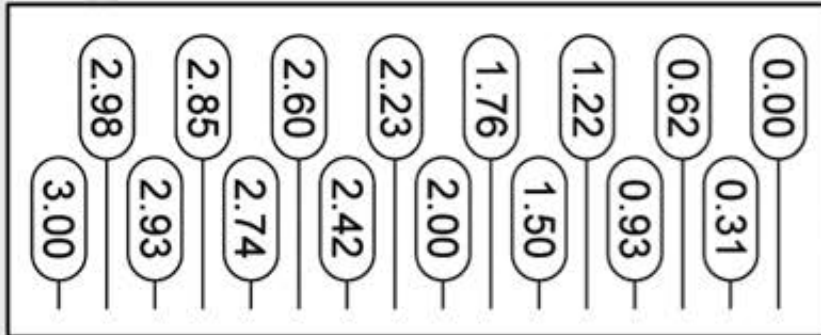
Adjust Housing Instructions

Motor OD	English	Metric
2-7/8 (287)	2,200 ft-lbs	3,000 N-m
3-1/8 (313)	2,700 ft-lbs	3,600 N-m
3-1/2 (350)	3,800 ft-lbs	5,100 N-m
3-3/4 (375)	4,600 ft-lbs	6,300 N-m
4-3/4 (475)	7,000 ft-lbs	9,500 N-m
5-1/2 (550)	16,000 ft-lbs	21,700 N-m
6-1/2 (650)	23,000 ft-lbs	31,000 N-m
6-3/4 (675)	25,000 ft-lbs	34,000 N-m
8-0 (800)	35,000 ft-lbs	47,000 N-m
8-1/2 (850)	38,000 ft-lbs	51,000 N-m
9-5/8 (963)	61,000 ft-lbs	83,000 N-m

ABH ANGLE MARK IDENTIFICATION GUIDE

↑
Top of Motor

Upper ABH



Orientation Sleeve

