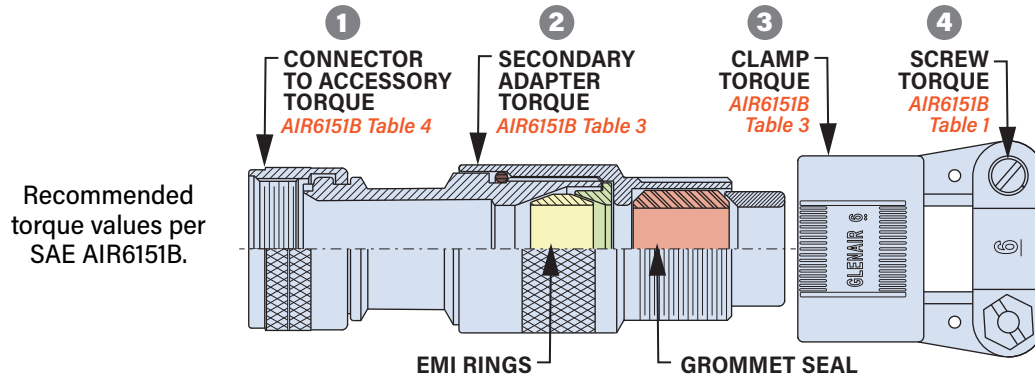


Reference Guides

Connector Accessory Recommended Torque



1 AIR6151B Table 4 Connector Accessory Assembly Torque

TYPE 1 LIGHT & MEDIUM DUTY

AS50151 Series I (AS31001)
 MIL-DTL-26482 Series I
 MIL-DTL-26500
 MIL-DTL-38999 Series I and II
 AS81511

TYPE 2 HEAVY DUTY

AS50151 Series II, III (AS34001)
 MIL-DTL-22992
 MIL-DTL-26482 Series II
 MIL-DTL-28840
 MIL-DTL-38999 Series III and IV
 AS81703 Series 3
 MIL-DTL-83733 Series I, II, III

Connector Shell Size	MIN/MAX IN-LB				
	Type 1 Aluminum Light and Medium Duty	Type 2 Aluminum Heavy Duty	Type 3 Composite Accessories	Type 4 Aluminum, High Vibration (Engine) Applications	Type 5 Stainless Steel, High Vibration (Engine) Applications
8, 9, A	30/40	51/61	20/25	66/77	91/101
3, 10, 10SL, 11, B	30/40	71/81	20/30	103/113	115/125
7, 12, 13, C	35/45	103/113	25/35	115/125	115/125
14, 15, D	35/45	111/121	25/35	139/149	139/149
16, 17, E	35/45	111/121	30/40	139/149	139/149
18, 19, F	35/45	111/121	30/40	139/149	175/185
20, 21, 37, G	75/85	131/141	35/45	175/185	199/209
22, 23, H	75/85	131/141	35/45	175/185	223/233
24, 25, 61, J	75/85	131/141	35/45	175/185	259/269
28, 29	115/125	143/153	115/125	187/197	307/317
32, 33	115/125	143/153			
36	115/125	143/153			
40	155/165	159/169			
44	155/165	159/169			
48	155/165	159/169			

2 3 AIR6151B Table 3 Secondary Adapter Torque and Clamp Torque

Clamp Size	Grommet Seal MIN/MAX IN-LB	EMI Rings MIN/MAX IN-LB
3	8/12	30/40
4	10/15	30/40
6	10/15	35/55
8	12/20	35/55
10	12/20	35/55
12	16/30	40/60
16	20/40	40/60
20	20/40	40/60
24	25/45	80/100
28	30/50	80/100
32	30/50	80/100
40	40/60	80/100

4 AIR6151B Table 1 Screw Torque

Screw Size	MIN/MAX IN-LB		
	Standard Installation into Aluminum and SST	Composite Accessories or Aluminum with less than 3 threads of engagement	High Vibration Areas Engines Cinch Nuts Ground Straps
2-56	1.5/2.5	1.2/2.0	2.0/2.5
4-40	3.5/4.5	2.8/3.6	3.5/4.5
6-32	5.0/7.0	4.0/5.6	5.5/6.5
8-32	7.0/9.0	5.6/7.2	7.5/8.5
10-32	9.0/11.0	7.2/8.8	8.5/10.5
.250-20	11.0/13.0	8.8/10.4	10.5/15.5