

UNI-BODY, SUBFRAME AND MOUNTING SYSTEM

[G2469602]

SPECIFICATIONS

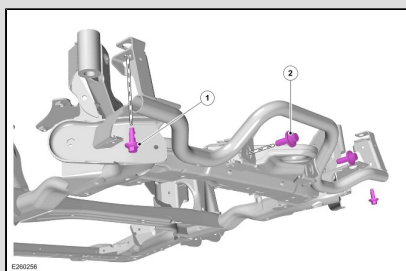
Torque Specification



NOTE:

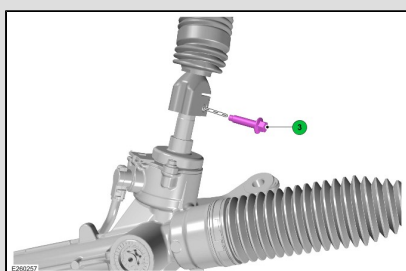
Numbers with green background are a single use components.

COMPONENT TORQUE LOCATION

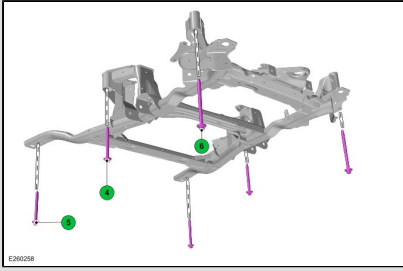


	DESCRIPTION	NM	LB-FT
1	Cooling module protector to subframe M10 bolt	60	44
2	Cooling module protector to subframe M12 bolt	110	81

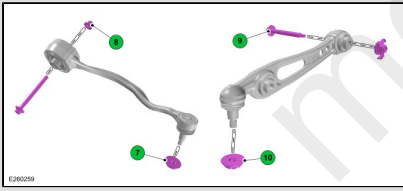
COMPONENT TORQUE LOCATION



	DESCRIPTION	NM	LB-FT
3	Steering column lower shaft bolt	30	22

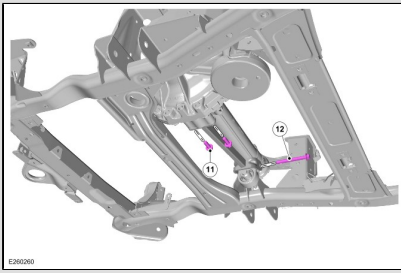
COMPONENT TORQUE LOCATION					
					

	DESCRIPTION	NM		LB-FT	
4	Front subframe to vehicle body mid bolt	Stage 1: 100	Stage 2: 200°	Stage 1: 74	Stage 2: 200°
5	Front subframe to vehicle body rear bolt	Stage 1: 80	Stage 2: 120°	Stage 1: 59	Stage 2: 120°
6	Front subframe to vehicle body front bolt	Stage 1: 140	Stage 2: 300°	Stage 1: 103	Stage 2: 300°

COMPONENT TORQUE LOCATION					
					

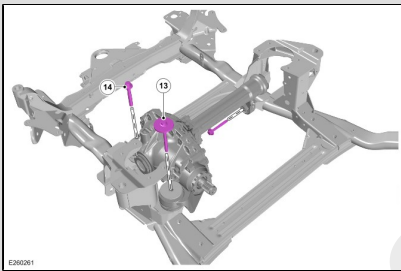
	DESCRIPTION	NM		LB-FT	
7	Front lower control arm ball joint to wheel knuckle nut	290		214	
8	Front lower control arm to subframe nut and bolt	Stage 1: 100	Stage 2: 180°	Stage 1: 74	Stage 2: 180°
9	Rear lower control arm to subframe nut and bolt	Stage 1: 100	Stage 2: 180°	Stage 1: 74	Stage 2: 180°
10	Rear lower control arm ball joint to wheel knuckle nut	290		214	

COMPONENT TORQUE LOCATION



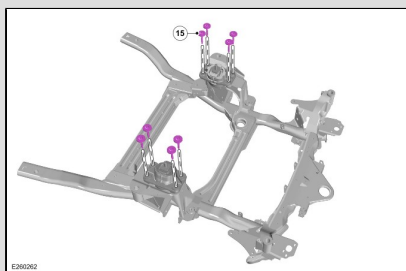
	DESCRIPTION	NM	LB-FT
11	Front differential bracket to front differential	50	37
12	Front differential bracket to front subframe	50	37

COMPONENT TORQUE LOCATION



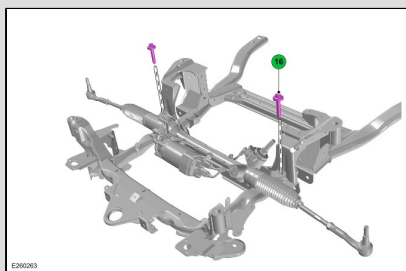
	DESCRIPTION	NM	LB-FT
13	Front differential to front subframe M10 bolt	60	44
14	Front differential to front subframe M12 bolt	110	81

COMPONENT TORQUE LOCATION



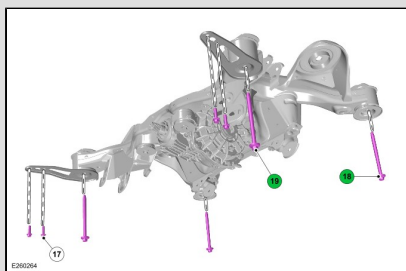
	DESCRIPTION	NM	LB-FT
15	Engine mount to front subframe bolt	32	24

COMPONENT TORQUE LOCATION

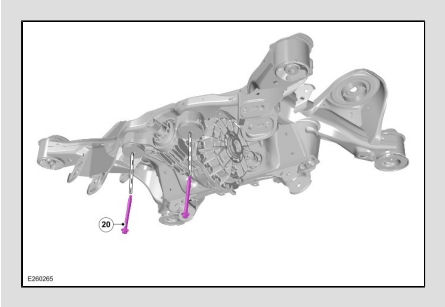


	DESCRIPTION	NM		LB-FT
16	Steering gear to front subframe bolt	Stage 1: 110	Stage 2: 180°	-

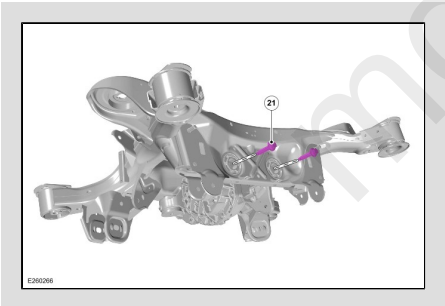
COMPONENT TORQUE LOCATION



	DESCRIPTION	NM		LB-FT	
17	Rear subframe support bracket bolt	60		44	
18	Rear subframe to vehicle body front bolt	Stage 1: 100	Stage 2: 240°	Stage 1: 74	Stage 2: 240°
19	Rear subframe to vehicle body rear bolt	Stage 1: 100	Stage 2: 300°	Stage 1: 74	Stage 2: 300°

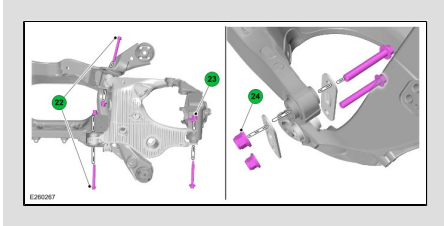
COMPONENT TORQUE LOCATION					
					

	DESCRIPTION	NM	LB-FT
20	Rear drive unit to rear subframe bolt	110	81

COMPONENT TORQUE LOCATION					
					

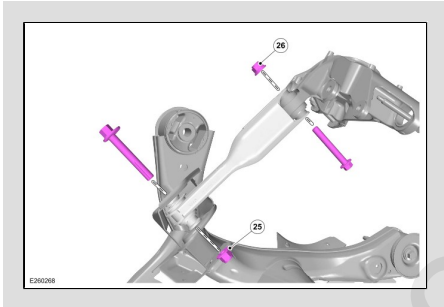
	DESCRIPTION	NM	LB-FT
21	Rear drive unit rear bolt to the subframe	170	125

COMPONENT TORQUE LOCATION



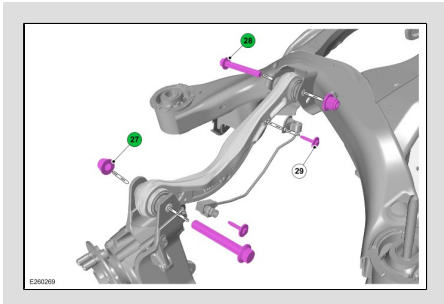
	DESCRIPTION	NM		LB-FT	
22	Lower control arm to subframe nut and bolt	Stage 1: 100	Stage 2: 240°	Stage 1: 74	Stage 2: 240°
23	Lower control arm to wheel knuckle nut and bolt	Stage 1: 70	Stage 2: 240°	Stage 1: 52	Stage 2: 240°
24	Lower control arm to wheel knuckle link nut and bolt	Stage 1: 50	Stage 2: 180°	Stage 1: 37	Stage 2: 180°

COMPONENT TORQUE LOCATION



	DESCRIPTION	NM		LB-FT	
25	Tie rod to subframe nut and bolt	Stage 1: 40	Stage 2: 90°	Stage 1: 30	Stage 2: 90°
26	Tie rod to wheel knuckle nut and bolt	Stage 1: 70	Stage 2: 240°	Stage 1: 52	Stage 2: 240°

COMPONENT TORQUE LOCATION



	DESCRIPTION	NM		LB-FT	
27	Upper control arm to wheel knuckle nut and bolt	Stage 1: 50	Stage 2: 60°	Stage 1: 37	Stage 2: 60°
28	Upper control arm to subframe nut and bolt	Stage 1: 50	Stage 2: 60°	Stage 1: 37	Stage 2: 60°
29	Brake pipe to upper control arm bolt	10		7	

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