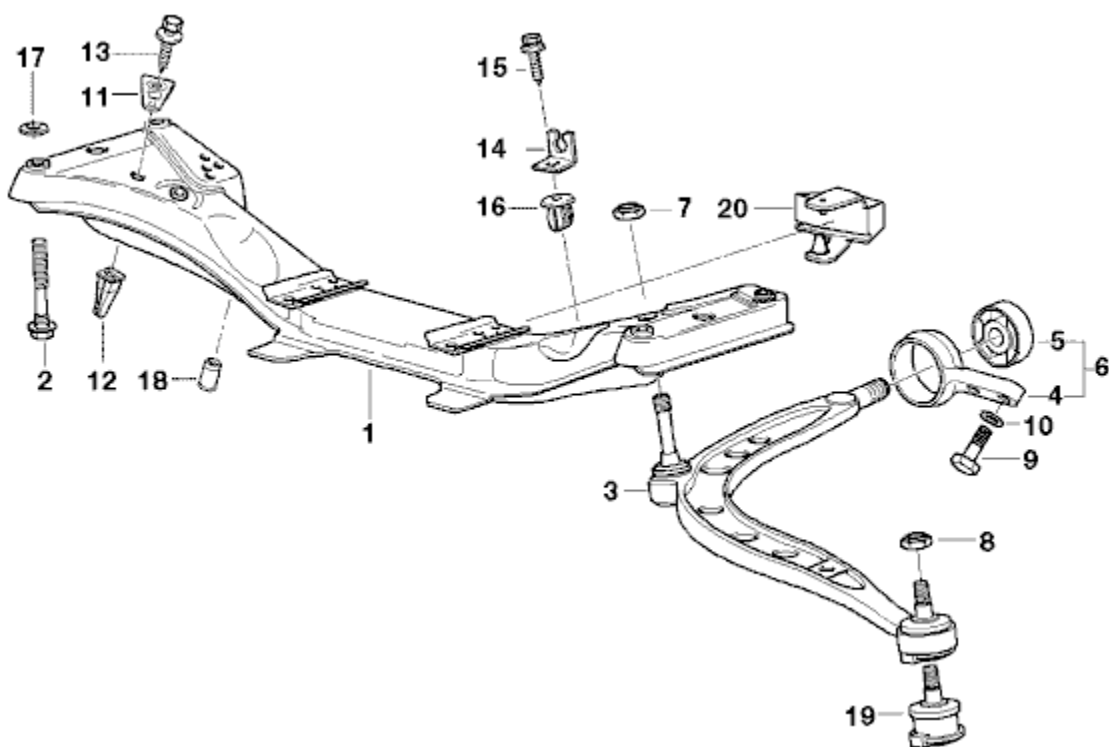


General Tightening Torques

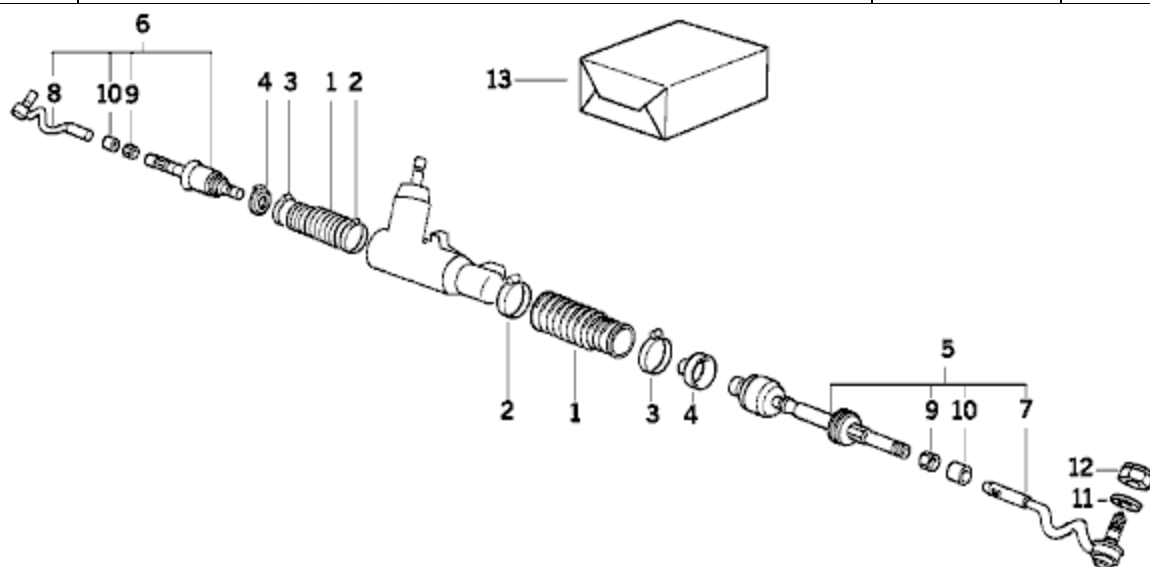
Size	Grade	Wrench	Description / Notes	Nm	Ft-lb
M6	8.8	10mm	Oil pan, valve cover, vanos, etc	10	7.5 (89 in-lb)
M7	8.8	11mm	Cam bearing caps, intake manifold	15	11
M8	8.8	13mm	Used everywhere	24	17
M10	8.8	15,16,17		47	34
M10	10.9	15,16,17		65	48
M10	12.9	15,16,17		80	59
M12	8.8	18,19		82	60
M12	10.9	18,19	Mostly suspension	115	85
M12	12.9	18,19		140	103
M14	8.8	21,22,23		130	96
M14	10.9	21,22,23		180	133
M14	12.9	21,22,23		220	162

Common Nuts/Bolts

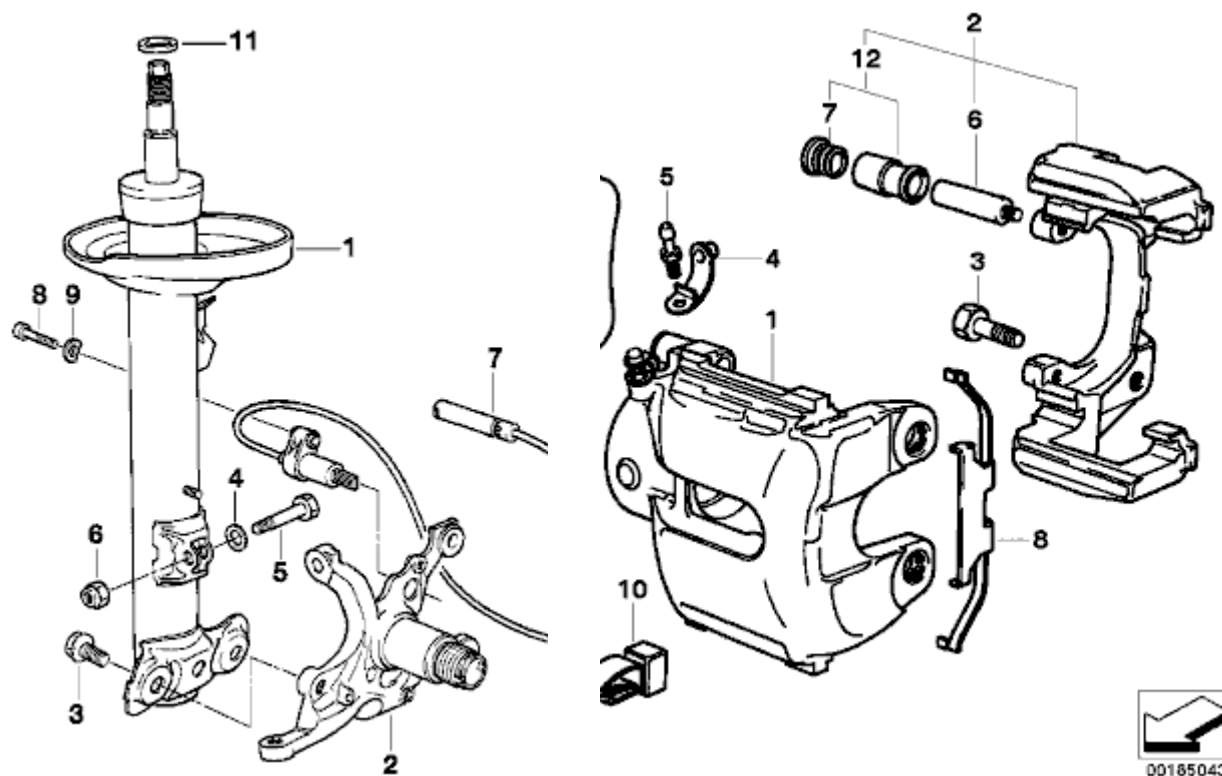
[illegible]



No	Description	Nm	Ft-lb
2	Subframe bolt	110	81
7	Inner balljoint nut (22mm)	85	62
8	Outer balljoint nut (19mm??)	65	48
9	LCAB carrier bolt (17mm)	47	34



No	Description	Nm	Ft-lb
9	Tierod adjustment jam nut	35	26
12	Tierod bolt (17mm??)	45	33

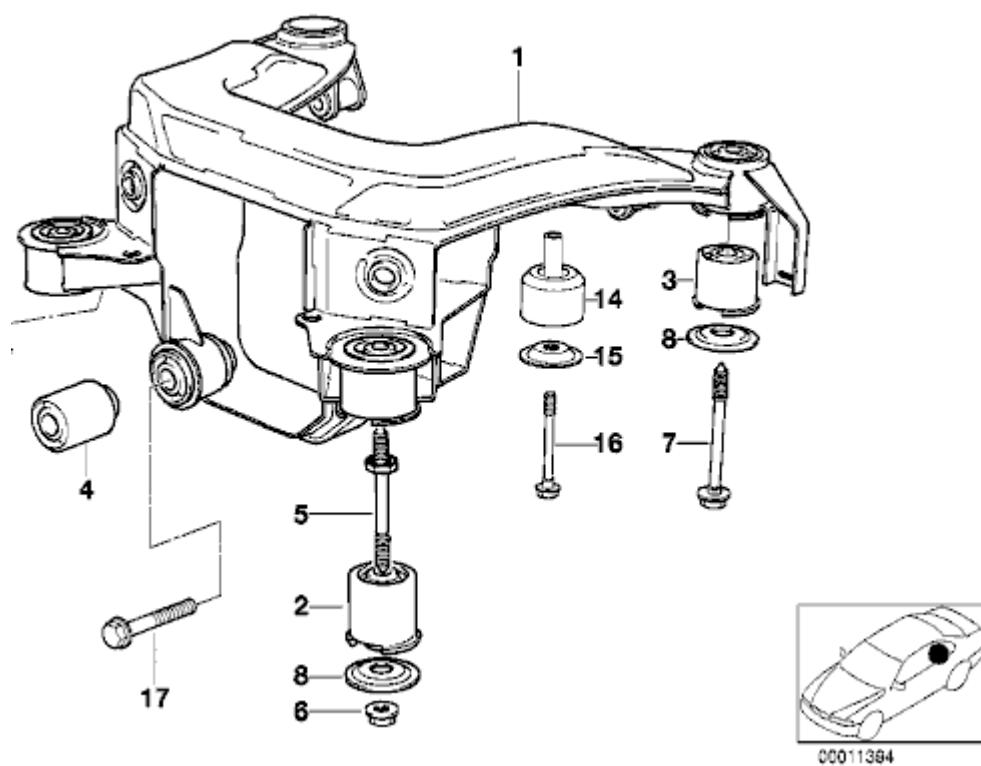


Strut

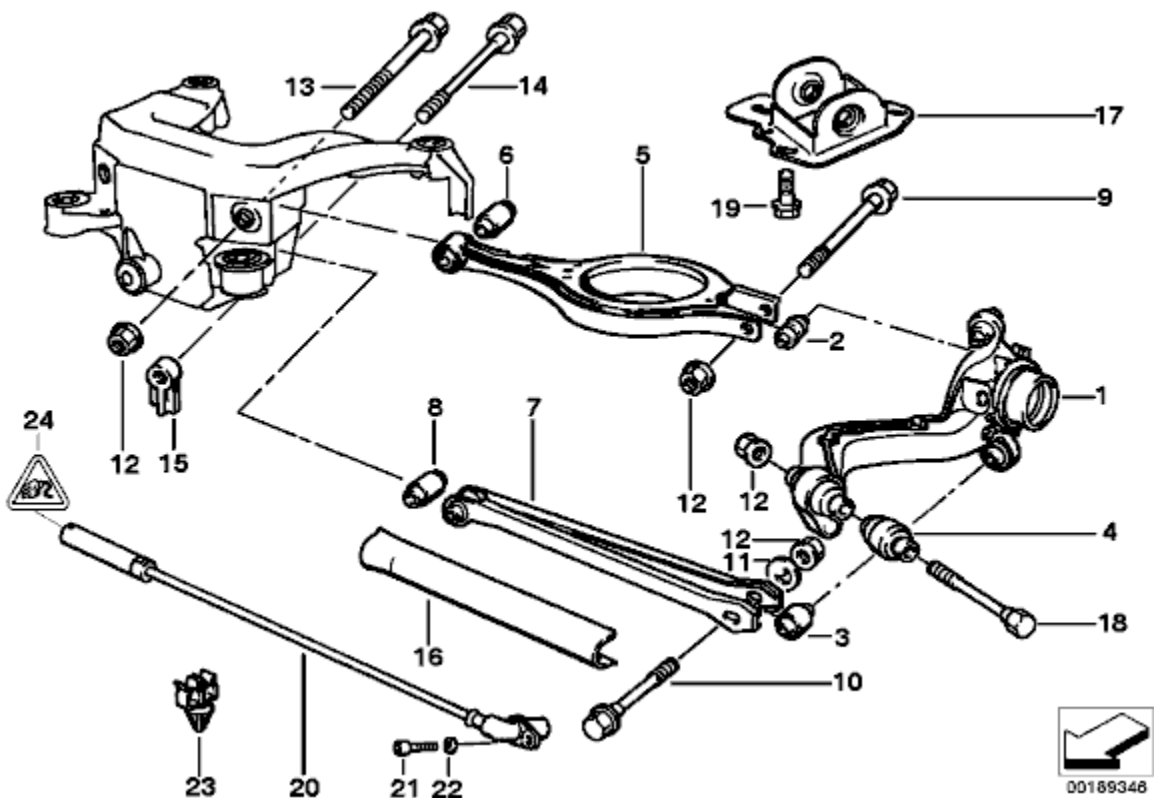
No	Description	Nm	Ft-lb
3	Lower strut bolt (10mm hex) – LOCKTITE RED	107	78
6	Strut through bolt (17mm??)	107	78
11	Top strut nut (22mm)	44	32

Brakes

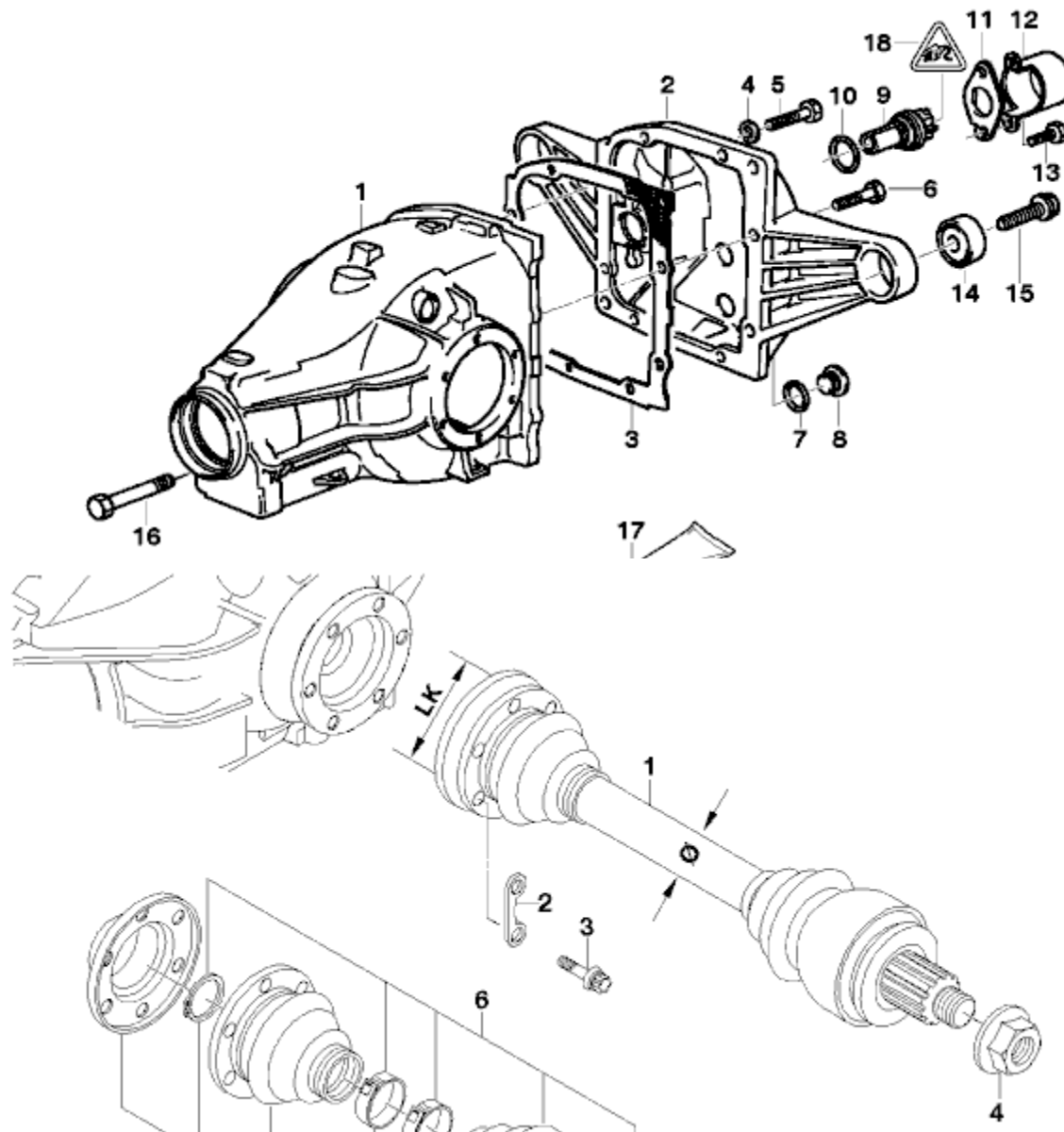
No	Description	Nm	Ft-lb
6	Caliper guide pin (7mm hex)	30	22
3	FRONT brake caliper bolt (17mm)	110	81
3	REAR brake caliper bolt (15mm)	67	50



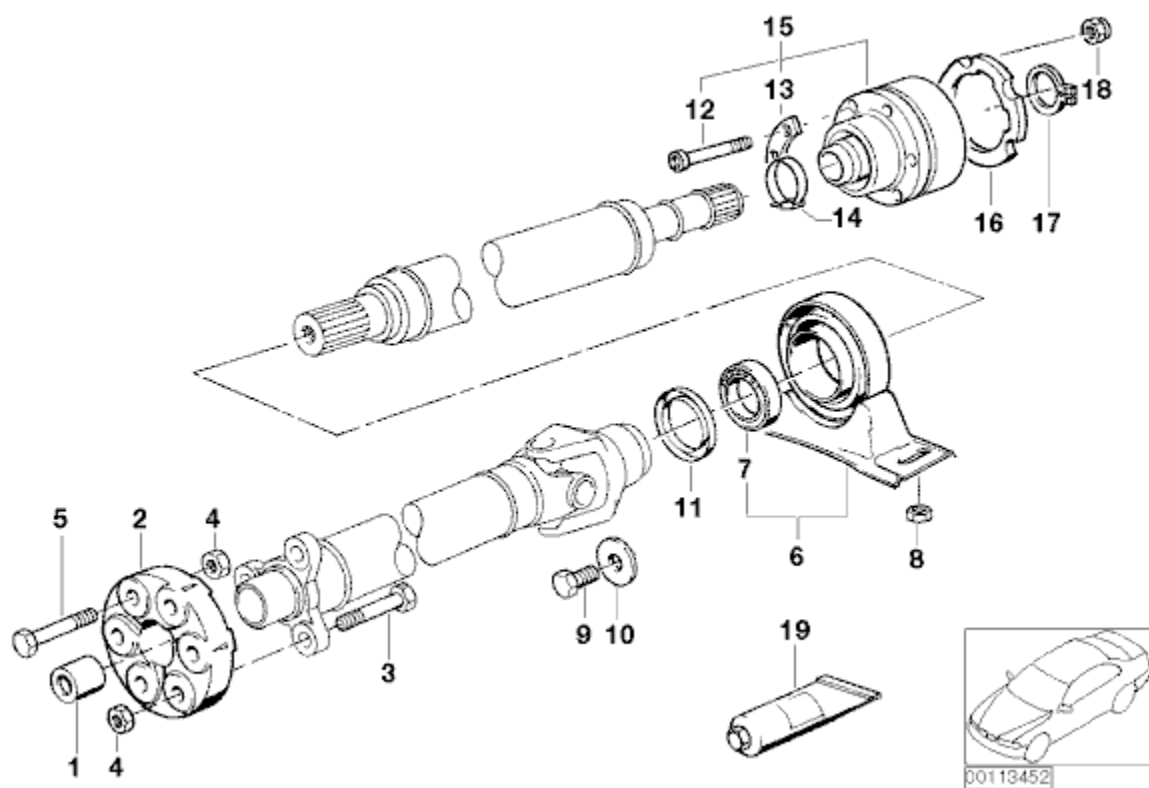
No	Description	Nm	Ft-lb
5	Front carrier bolt	77	57
6	Front carrier nut	77	57
7	Rear carrier bolt	77	57
17	Front diff bolt (18mm)	95	70



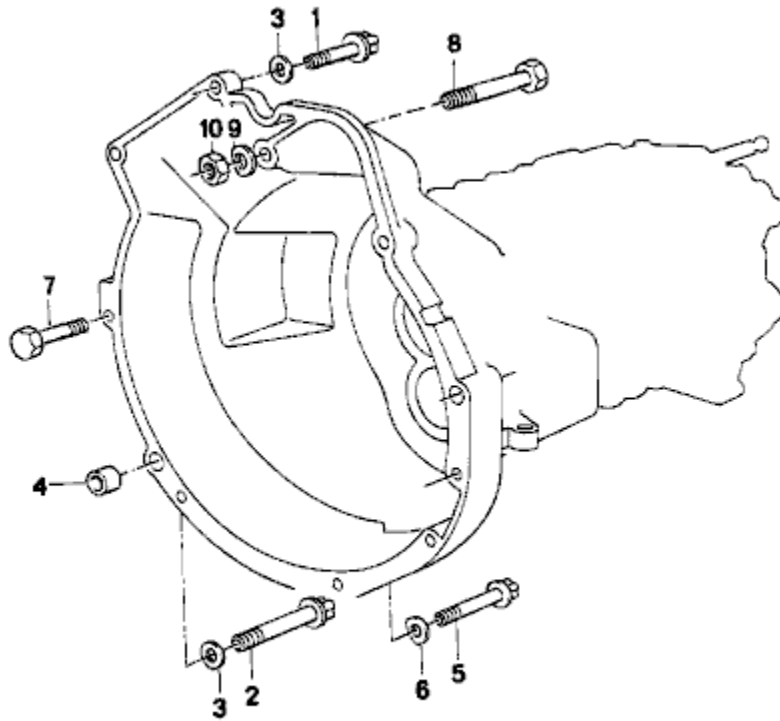
No	Description	Nm	Ft-lb
5	Front carrier bolt	77	57
6	Front carrier nut	77	57
7	Rear carrier bolt	77	57
9,12	Upper control arm to trailing arm bolt/nut (18mm??)	110	81
10,12	Lower control arm to trailing arm bolt/nut (10mm hex, 18mm)	110	81
13,12	Upper control arm to carrier bolt/nut	77	57
14,15	Lower control arm to carrier bolt/nut insert	77	57
18,12	Trailing arm bearing to front bracket bolt/nut	110	81
19	Trailing arm bracket to body bolt	77	57
	Rear shock to trailing arm (19mm)	77	57
	Rear shock upper mount to body (13mm)	24	17



No	Description	Nm	Ft-lb
3	Half-shaft to diff bolt (E12 or 8mm hex)	100	74
4	Axle nut	300	221
5	Diff cover bolt (13mm)	24	17
8	Dif drain plug (replace crush washer, 14mm hex)	70	52
15	Rear diff mount bolt (18mm)	77	57
16	Front diff mount bolt (18mm) LOCKTITE RED	95	70



No	Description	Nm	Ft-lb
3,4 5,4	Transmission side Flex disc bolt/nut (18mm)	115	85
8	Center bearing to body nut (13mm)	21	16
18	Driveshaft CV to diff nut (16mm)	80	59



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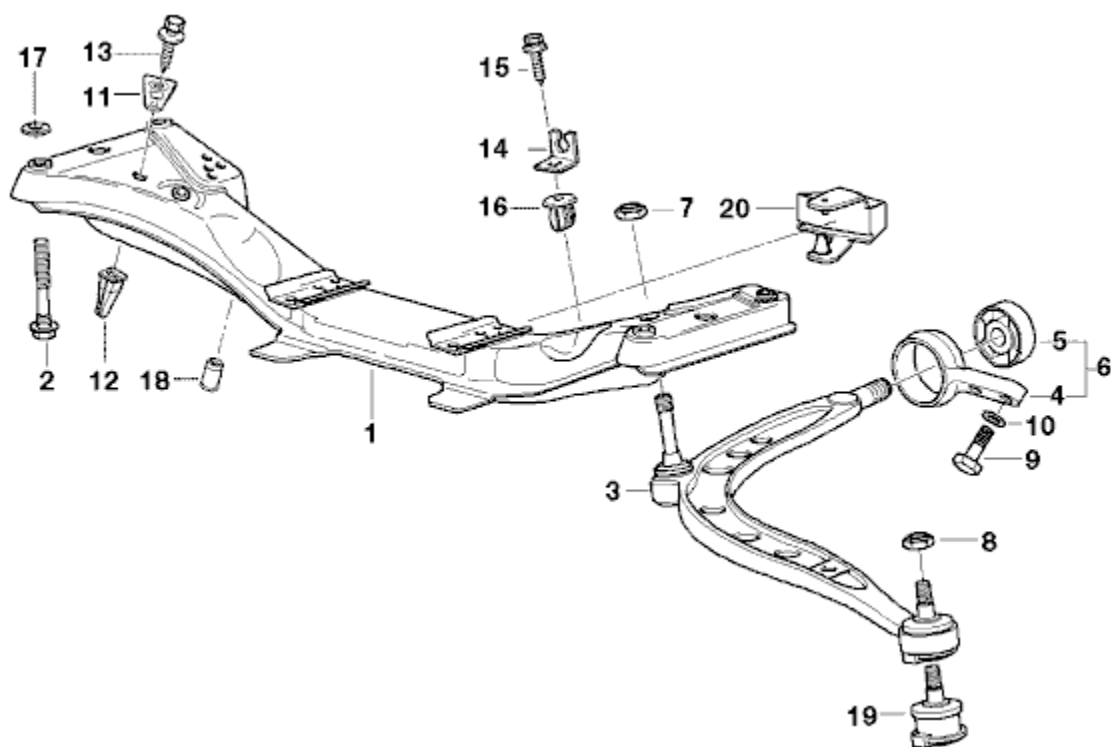
No	Description	Nm	Ft-lb
1,2	E14 torx bolts	72	53
5	E10 torx bolts	24	17
8	E12 Starter bolts	43	32
	Transmission cross member bolts (13mm)	24	17
	Clutch slave to transmission nuts (13mm)	24	17
	Transmission drain/fill plugs	50	37
	Flywheel to crank bolts (19mm) LOCKTITE RED	105	77
	Pressure plate to flywheel (6mm hex) LOCKTITE RED	34	25

General Tightening Torques

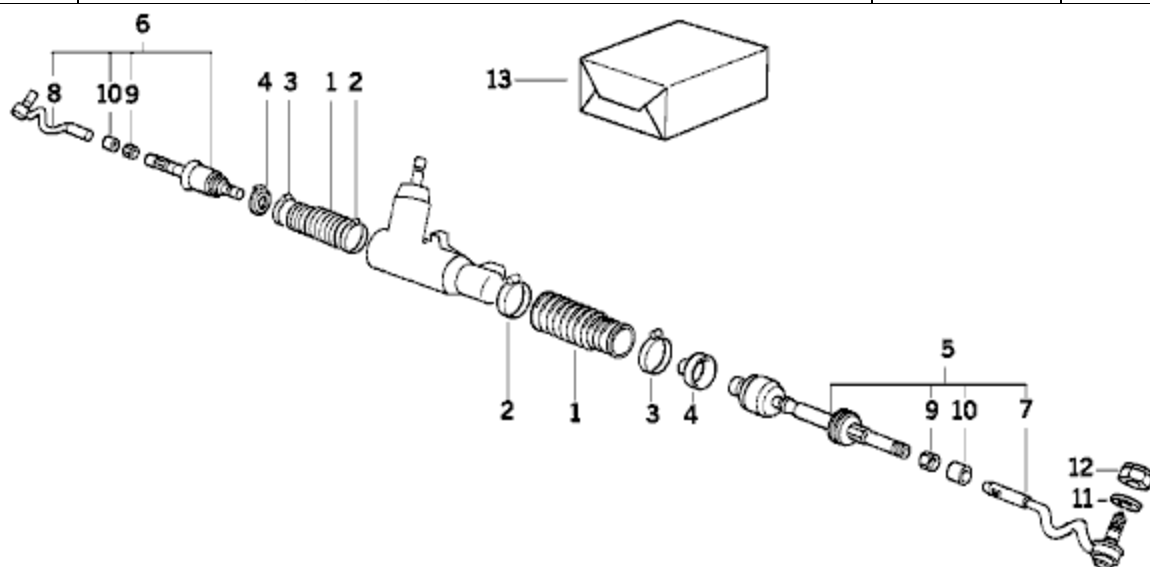
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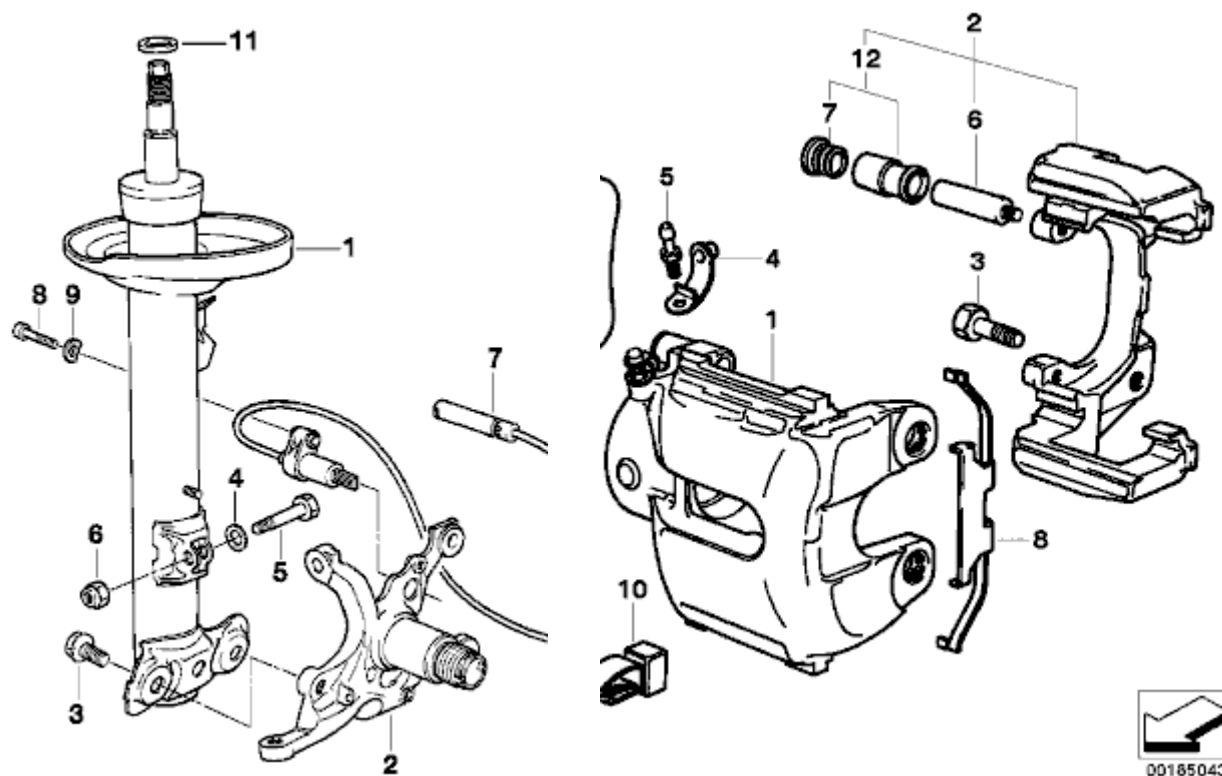
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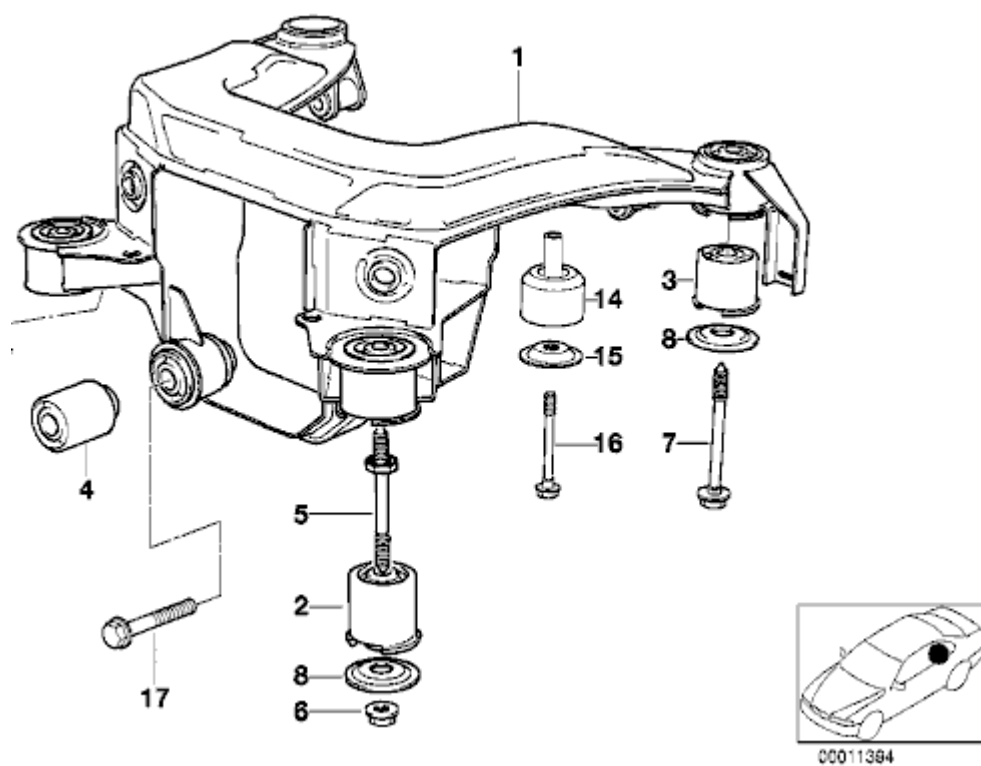


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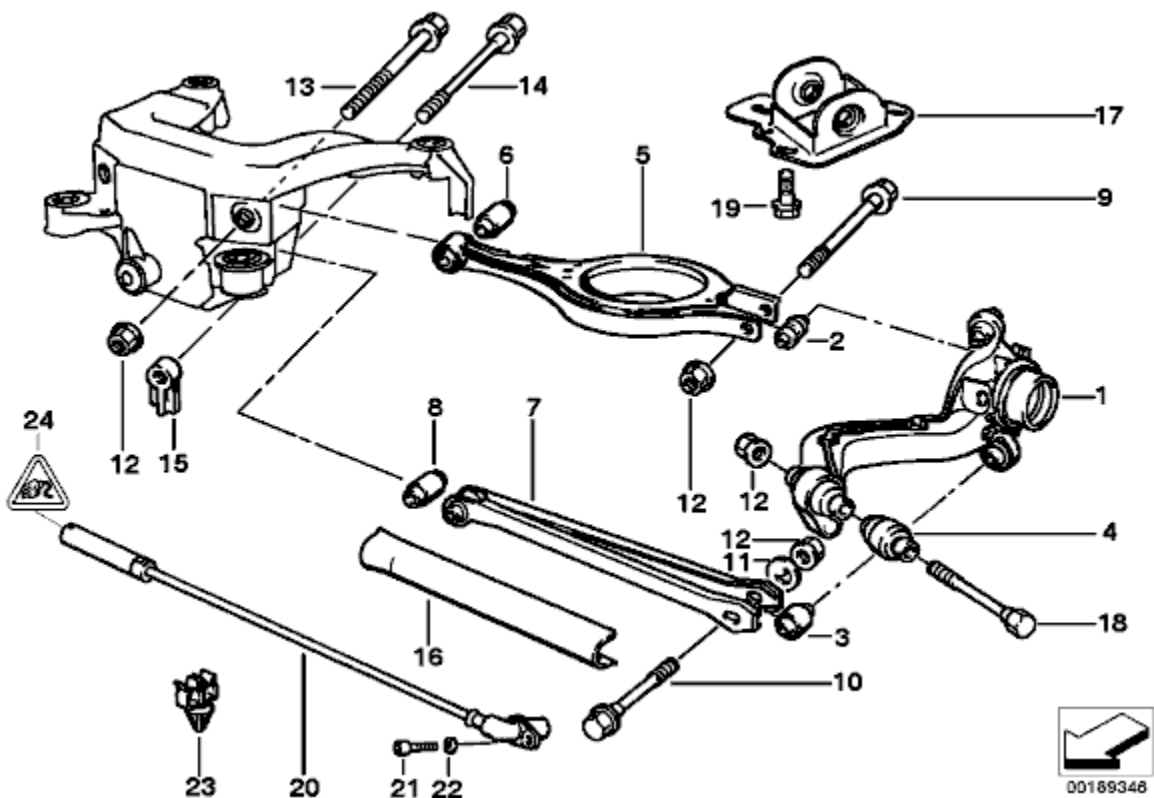
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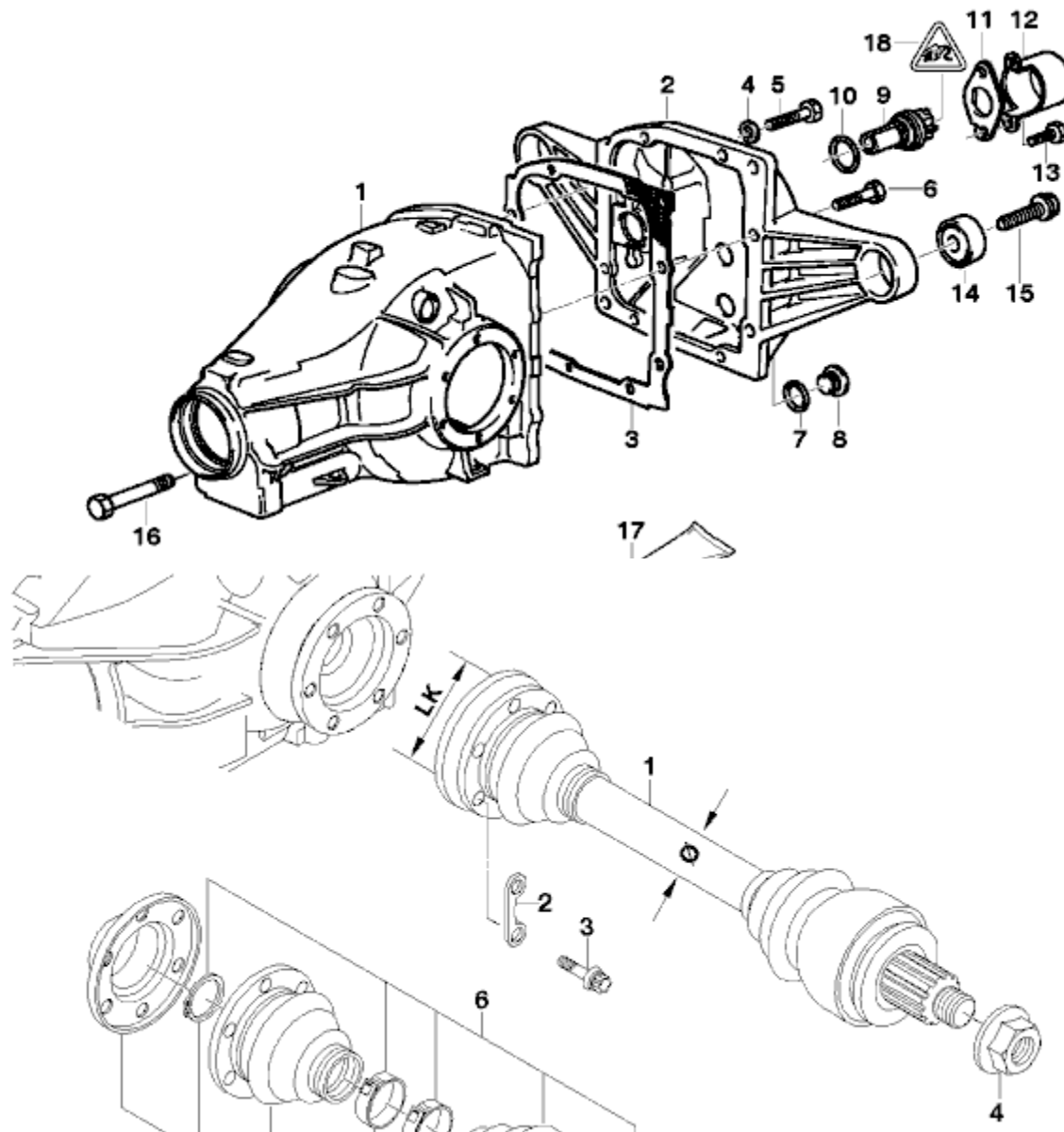
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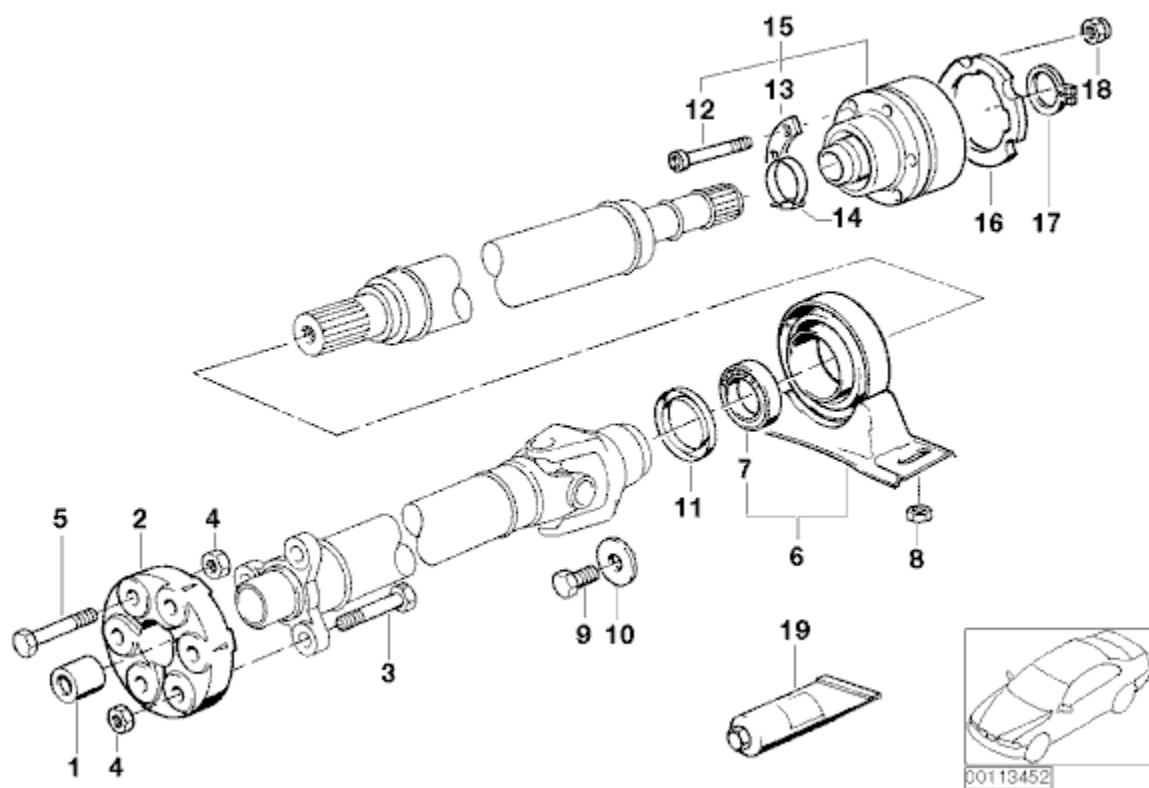
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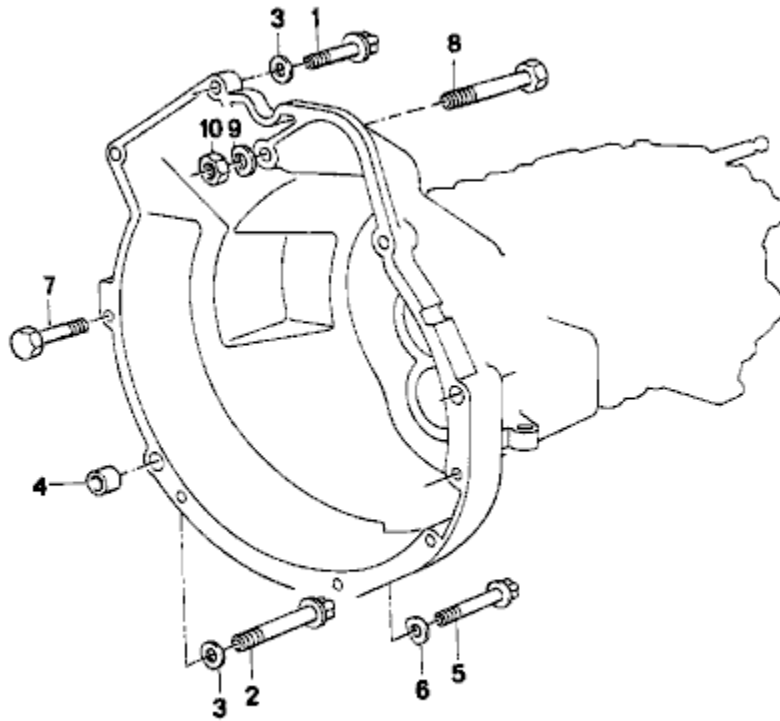
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