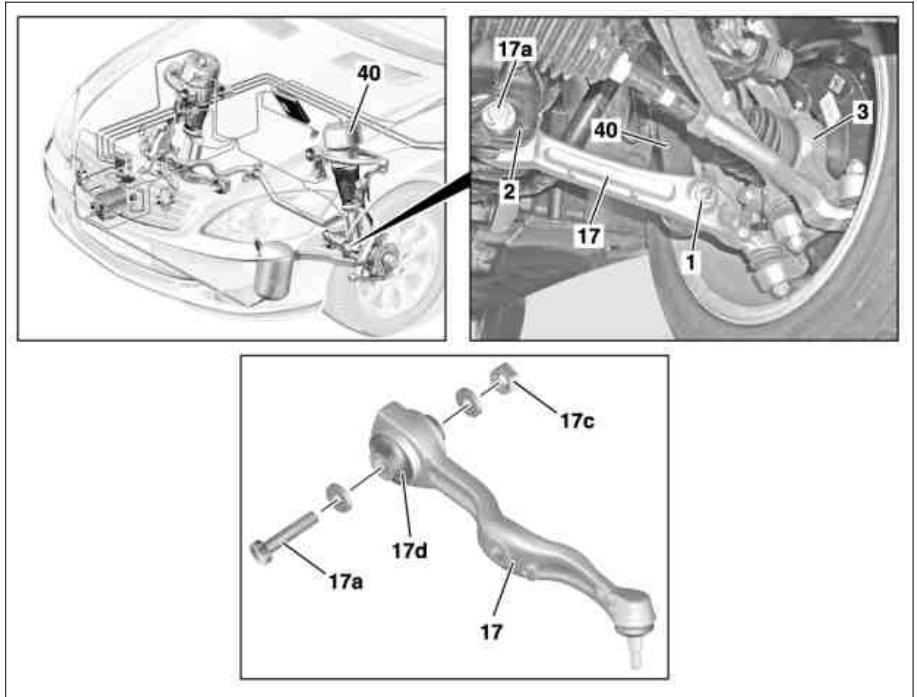



MODEL 221, 216
with 4MATIC

- 1 Nut
- 2 Front axle carrier
- 3 Steering knuckle
- 17 Spring control arm
- 17a Screw
- 17c Nut
- 17d Rubber bushing
- 40 Suspension strut



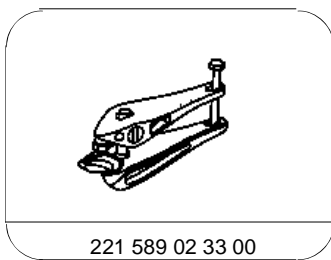
P33.15-2090-06

	Remove/install		
		<p> When working on the front-end assembly, be careful not to scratch, mark or notch the surfaces of aluminum parts. Otherwise the service life of the parts will be affected</p>	
		<p> Installation: Only tighten bolts and nuts of the chassis components when in ready-to-drive condition.</p>	
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Notes on AIRmatic		AR32.22-P-1000-02SX
1	Release pressure in suspension strut (40) completely using STAR DIAGNOSIS		
AP	Remove front wheel Remove/install wheels		AP40.10-P-4050SX
3	Remove engine compartment paneling		AR61.20-P-1105SX
4	Unscrew nut (1) and press suspension strut (40) out of spring control arm (17)		AR32.25-P-1017SYZ
5	Loosen nut (17c)	<p> Do not twist bolt (17a). Always counterhold the bolt (17a) when slackening the nut (17c), otherwise the lock tabs for camber adjustment in the rubber mount (17d) will be sheared off.</p> <p> Installation: Screw nut (17c) of bolt (17a) all the way on until it abuts, but do not tighten yet so that the rubber mount (17d) can twist when the vehicle is rocked to settle the suspension. Do not tighten nut (17c) until in ready-to-drive condition.</p> <p></p>	*BA33.20-P-1005-01M
6	Detach spring control arm (17) from steering knuckle (3) and remove downward	<p></p> <p></p>	AR33.15-P-0170-01SX *BA33.20-P-1003-01M *221589023300
	Checking		
7	Check rubber mount (17d) in spring control arm (17) for damage	<p>Replace rubber bushing (17d), if necessary:</p> <p style="text-align: center;">↓</p> <p>Extract/press in rubber mount on spring control arm.</p> <p></p>	AR33.15-P-0170-02SX *220589064300

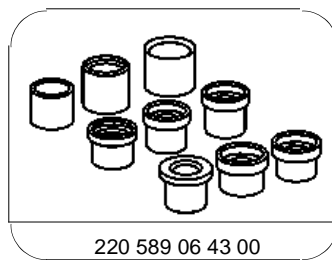
			*221589013400
8	Check rubber boot and ball joint in spring control arm (17) for damage	Replace spring control arm (17) if necessary.	
9	Install in the reverse order		
10	Perform wheel alignment check		AR40.20-P-0200SX

 **Wheel location, hub**

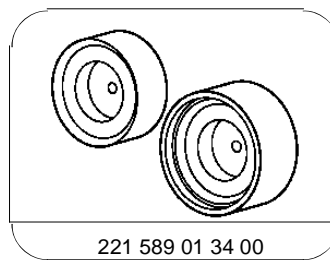
Number	Designation			Model 216 with 4MATIC	Model 221.08/09/18/19 with 4MATIC without code Z07	
BA33.20-P-1003-01M	Self-locking nut, track control arm to stub axle	Stage 1	Nm	50	50	
		Stage 2	Δ°	90	90	
BA33.20-P-1005-01M	Self-locking nut, spring control arm to front axle carrier	Stage 1	Nm	80	80	
		Hexagon	Stage 2	Δ°	150	150
		Torx	Stage 2	Δ°	-	180



Puller



Press out/in tool



Set of thrust pieces

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