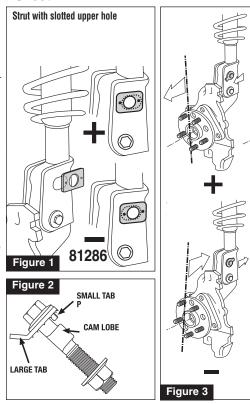
81240, 81250, 81260, 81270, 81280, 81290

EZ CAM XR™ Instruction Sheet

US Patent Nos. 8.544.861 B2 • 8.469.375

- 1. Take alignment readings and determine amount of camber change needed.
- Raise vehicle by body pinch welds. Remove tire and wheel assembly.
- 3. Remove the upper strut-spindle bolt.
- 4. When installing 81280 on a strut with elongated upper or lower holes use the 81286 adapter plate included in the kit. Check for proper fit of the adapter plate to the strut flange. Plate should sit flush against the strut and dimples should mount inside strut slot. Due to variations among strut manufacturers, slight modifications to the strut and/or plate may be necessary. Hold the adapter plate in place against the strut as shown in Figure 1. Using dimples on plate #81286 as a guide, mark where dimples will contact strut. Using a hammer and center punch make a small indentation where dimples will sit against strut. This will allow plate to lock against strut when EZ Cam is tightened.
- 5. Line up small tab with cam on bolt. Install bolt with large tab out toward wheel for positive camber or in away from wheel for negative camber (See Figures 2 and 3). Install EZCam bolt into strut hole making sure the small tab on the washer is in the hole and the washer is flush on the strut. Add lock nut, snug, but do not tighten.



- 6. Loosen the lower strut bolt.
- 7. Reinstall tire and wheel assembly and recompensate alignment equipment. Rotate EZ Cam XR bolt to obtain desired camber reading.
- 8. Torque lower bolt to manufacturer's specification.
- 9. To quickly identify the recommended torque value for your EZ Cam, please note the color, size, and bolt grade (10.9 or 12.9 on the head of the bolt), then refer to the charts below:

EZ Cam Color: BLACK Bolt Grade: 10.9						
Part		Lobe	Torque			
Number	Thread	Dia.	lb-ft	N⋅m	kgf-m	
81240	M8	10mm	27	37	3.7	
81250	M10	12mm	55	75	7.6	
81260	M12	14mm	77	104	10.6	
81270	M12	15mm	77	104	10.6	
81280	M14	16mm	125	169	17.3	
81290	M14	17mm	125	169	17.3	

EZ Cam Color: GREY Bolt Grade: 10.9						
Part		Lobe	Torque			
Number	Thread	Dia.	lb-ft	N⋅m	kgf-m	
81240	M8	10mm	N/A	N/A	N/A	
81250	M10	12mm	N/A	N/A	N/A	
81260	M12	14mm	70	95	9.7	
81270	M12	15mm	70	95	9.7	
81280	M14	16mm	90	122	12.4	
81290	M14	17mm	90	122	12.4	

EZ Cam	Color:	Bolt G	irade:	12.9	
Part		Lobe	Torque		
Number	Thread	Dia.	lb-ft	∣N⋅m	kgf-m
81240	M8	10mm	31	42	4.3
81250	M10	12mm	65	88	9.0
81260	M12	14mm	97	132	13.4
81270	M12	15mm	97	132	13.4
81280	M14	16mm	125	169	17.3
81290	M14	17mm	125	169	17.3

Always check for proper <u>clearance between suspension components</u> and other components of the vehicle. 10. Complete alignment and road test vehicle.

