

REAR -- AIR SPRING ASSEMBLY

Remove



WARNING: The air suspension system can be pressurized up to 10 bar (150 lbf/in²). It's always important to make sure that dirt or grease doesn't enter system. Always wear hand, ear and eye protection when servicing the air suspension system.



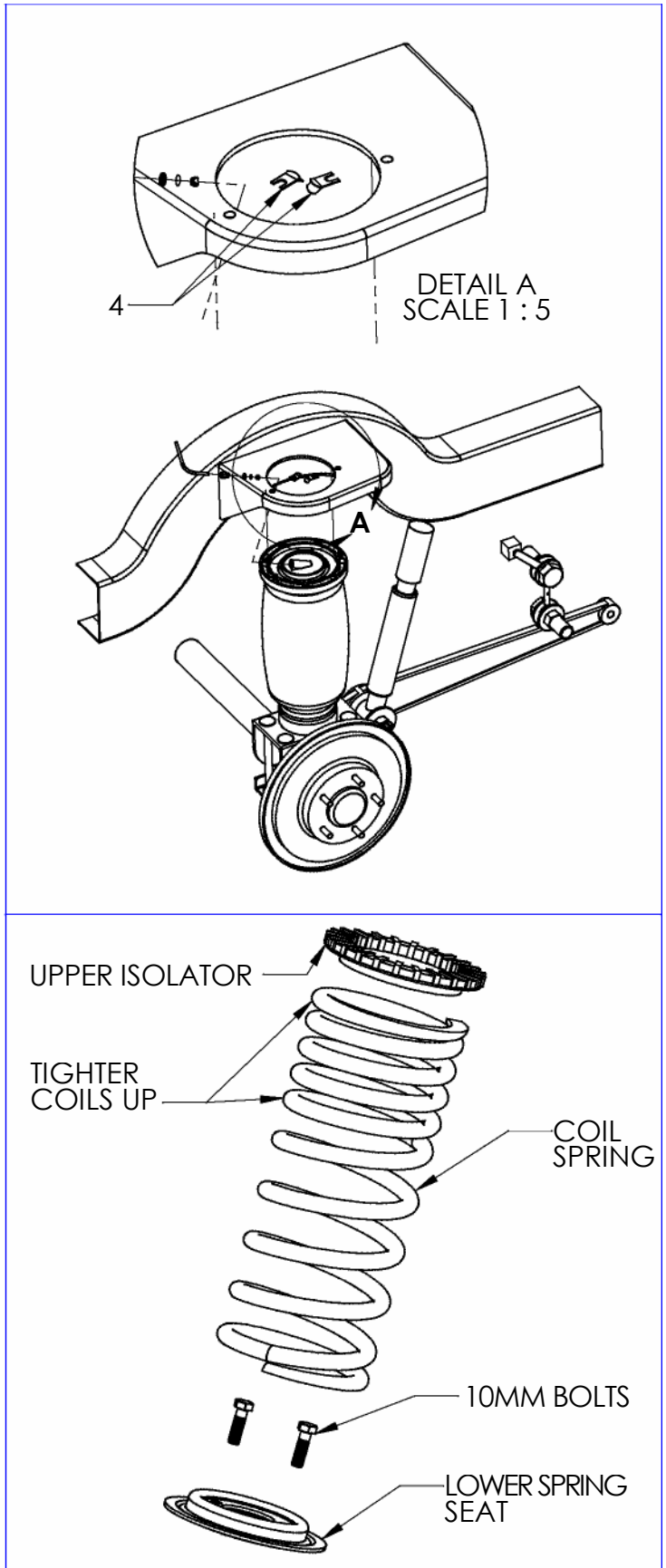
WARNING: Do not inflate the air spring assembly unless it is supported on both ends by the vehicle frame and suspension system. Failure to observe this warning may result in serious injury and damage to the air springs assembly. **YOU SHOULD NEVER ATTEMPT TO DISMANTLE THE AIR SPRINGS.**

1. Raise the vehicle on a hoist or other adequate structure. **WARNING: Always support the vehicle on safety stands. Refer to your owner's manual for correct lifting instructions.** Remove road wheel.
2. Disconnect the pipe from top of air spring. Removing the air fitting will depressurize the air spring.
3. Seal off hose to prevent dirt or grease from entering system.
4. Remove the 2 clips securing the top of the air spring to chassis.
5. Collapse the air spring.
6. Rotate the air spring to unlock it from axle, and remove the old air spring from the vehicle.
7. Remove the old air connector from the pipe.

CAUTION: When refitting the new air spring, do not allow the vehicle to rest on the deflated air spring. The chassis must be supported until the new air spring is inflated.

Refit

1. Locate the two holes for the spring seat retaining bolts. Run a 10mm x 1.50 tap thru these holes to ease installation of retaining bolts.
2. Install lower spring seats onto axle.
3. Jack up axle to release tension from shock absorber. Remove lower shock bolt. Release ABS sensor lead from bracket.
4. Install upper spring isolator to top of spring. Note: top has the tighter coils at top.
5. Lower axle until the spring can be installed in place.
6. Raise axle making sure spring stays aligned in place. Reinstall the shock bolt and clip ABS sensor lead in place.
7. Repeat for opposite side.
8. Reprogram slabs computer to coil springs using Autologic or Test Book diagnostic system (this will disable the air suspension system.)
9. Road test for unusual noises.



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		FRACTIONAL ±	±	±
			±	±
		MATERIAL		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

	NAME	DATE
DRAWN	KMD	11/08/07
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

DICO VERY 2
REAR SUSPENSION /
COIL SPRING - SLS MANUAL

SIZE	DWG. NO.	REV.
A	D2-AS-CS-S LS	0
SCALE: 1:16	WEIGHT:	SHEET 1 OF 1