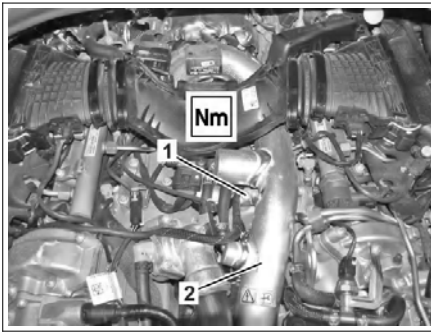


Engine 642 in model 207, 212, 218, 221



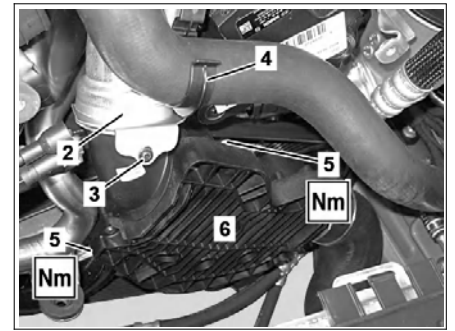
P09.41-2615-01

Shown on engine 642.8

- 1 Screw/bolt
2 Engine charge air duct at ATL

Shown on engine 642.8

- 2 Engine charge air duct at ATL
3 Screw/bolt
4 Bracket
5 Screw/bolt
6 Engine charge air duct upstream of charge air cooler



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	Remove/install		
	Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
1	Remove engine cover	Engine 642 in model 207, 212, 218, 221 Remove/install engine cover Engine 642 in model 221 Installation: Ensure correct seating of the engine cover.	AR01.10-P-2405SXI
2	Remove engine air intake duct downstream of air filter	Remove/install engine intake air duct downstream of air filter Engine 642 in model 207, 212, 218 Remove/install engine intake air duct downstream of air filter Engine 642 in model 221	AR09.10-P-8130OGE AR09.10-P-8130SXI
3	Remove cover for belt drive	Engine 642 in model 207, 212, 218 Remove/install belt drive components	AR13.20-P-0001OGE
4	Remove screw/bolt (1)	Bolt, engine charge air duct for turbocharger to charge air distributor	*BA09.41-P-1001-01J
5	Remove screw/bolt (3) and retaining clamp		
6	Remove bracket (4)		
7	Loosen screw/bolts (5)	Engine charge air duct upstream of charge air cooler to oil filter housing Engine charge air duct upstream of charge air cooler to bracket	*BA09.41-P-1003-01J *BA09.41-P-1002-01J
8	Remove engine charge air duct on ATL (2)	First disconnect engine charge air duct on ATL (2) on engine charge air duct upstream of charge air cooler (6) and then remove to the front. Installation: Install new sealing rings.	
9	Install in the reverse order		

Charge air pipe/charge air cooling

Number	Designation	Engine 642
BA09.41-P-1001-01J	Bolt, engine charge air duct for turbocharger to charge air distributor Nm	12

Charge air pipe/charge air cooling

Number	Designation	Engine 642
BA09.41-P-1002-01J	Engine charge air duct upstream of charge air cooler to bracket Nm	6

Charge air pipe/charge air cooling

Number	Designation	Engine 642
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BA09.41-P-1003-01J	Engine charge air duct upstream of charge air cooler to oil filter housing	Nm	12
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