



P41.10-2284-09

Shown on model 221.171

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| 1 Engine crossmember | 4 Transmission | 20H Rear flex disk |
| 1a Screw | 7 Propeller shaft center support bearing | 20V Front flex disk |
| 1b Screw | 20 Propeller shaft | 50 Differential |
| 2 Stiffening bridge | | |

Modification notes

25.6.10	Value modified: Self-locking nut, flexible coupling to transmission and front propeller shaft, M12 Value changed: Self-locking nut, flex disk to rear propeller shaft or rear axle differential M12		*BA41.10-P-1001-01H *BA41.10-P-1002-01H
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	Remove/install		
	Notes on bolted connections with self tapping screws		AH00.00-P-0007-01SF
1	Move DIRECT SELECT gear selector switch to "N" position		
2	Remove exhaust system as of flange connection	See Remove exhaust system components: Vehicles with gasoline engine Vehicles with diesel engine	AR49.10-P-7100SX AR49.10-P-7100SXI
3	Remove bolts (1a, 1b) and rear engine crossmember (1)	Except engine 651 Engine 651	AR22.10-P-1180SX
4	Remove 3 heat shields from vehicle underbody		
5	Detach stiffening bridge (2) from vehicle underbody		*BA61.10-P-1001-01G *BA61.10-P-1002-01G
6	Mark propeller shaft (20)	Apply color markings of the position of the propeller shaft (20) relative to the flanges on the transmission (4) and rear axle center assembly (50) in order to reproduce the plant installation position when installing.	
7	Mark propeller shaft intermediate bearing (7)	Apply color markings of position of propeller shaft center support bearing (7) relative to vehicle underbody in order to reproduce the plant installation position when installing.	

8	Loosen bolts on propeller shaft center support bearing(s) (7)	<p>i Installation: The bolts must not be tightened until the propeller shaft (20) is firmly mounted on the transmission (4) and rear axle center assembly (50).</p> <p>Nm</p> <p>i On models 221.154/ 156 the front propeller shaft center support bearing is mounted to the vehicle underbody with 2 bolts and the rear propeller shaft center support bearing is mounted to the vehicle underbody with 4 bolts.</p>	<p>AR41.10-P-0050-10SX</p> <p>AR41.10-P-0050-11SX</p> <p>*BA41.40-P-1001-01E</p>
9	Detach front flex disk (20V) from transmission (4)	<p>i The flex disk (20V) remains on the propeller shaft (20).</p> <p>i Installation: Mount propeller shaft (20) on transmission (4).</p> <p>Nm</p>	<p>AR41.10-P-0050-02SX</p> <p>AR41.10-P-0050-07SX</p> <p>*BA41.10-P-1001-01H</p>
10	Detach rear flex disk (20H) from rear axle center assembly (50)	<p>i The flex disk (20H) remains on the propeller shaft (20).</p> <p>i Installation: Mount propeller shaft (20) on rear axle center assembly (50).</p> <p>Nm</p>	<p>AR41.10-P-0050-03SX</p> <p>AR41.10-P-0050-04SX</p> <p>*BA41.10-P-1002-01H</p>
11	Loosen fitting sleeves in flex disks (20H, 20V) Drift for loosening fitting sleeves in flex disks.		<p>AR41.10-P-0050-09SX</p> <p>WF58.50-P-4110-01A</p>
12	Remove bolts on propeller shaft center support bearing(s) (7) and remove propeller shaft (20) downwards	<p>i Secure propeller shaft (20) against falling.</p>	
	Checking		
13	Check propeller shaft intermediate bearing (7) for wear and damage	If necessary remove/install propeller shaft center support bearing (7) and replace grooved ball bearing.	AR41.10-P-0100SX
14	Check centering sleeves for wear	If necessary replace centering sleeve.	AR41.10-P-0200SX
15	Check flex disks (20H, 20V) Check propeller shaft flex disks for signs of damage and deformation		AP41.10-P-4152SX
16	Install in the reverse order		

Nm Propeller shaft center support bearing

Number	Designation		Model 216	Model 221
BA41.40-P-1001-01E	Bolt, propeller shaft center support bearing to frame floor assembly	Self-tapping screw	Nm 25	25
		Bolt with washer	Nm -	30

Nm Propeller shaft

Number	Designation		Model 216	Model 221
BA41.10-P-1001-01H	Self-locking nut, flex disk to transmission or front propeller shaft	M12 Nm	68	68
BA41.10-P-1002-01H	Self-locking nut, flex disk to rear propeller shaft or differential	M12 Nm	68	68

Nm Frame floor assembly

Number	Designation	Model 216	Model 221
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BA61.10-P-1001-01G	Nut, front stiffening bridge to frame floor assembly	Nm	40
BA61.10-P-1002-01G	Bolt, rear stiffening bridge to frame floor assembly	Nm	23