

22 11 Engine mounting

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Engine mount to front axle support	F01 / F02 / F03 / F04 / F06 / F07 / F10 / F10 HY / F11 / F12 / F13 / F18 / F20 / F21 / F22 / F23 / F25 N57 / F30 / F30 HY / F31 / F32 / F33 / F34 / F35 / F36 / F80 / F82 / F83 / F87 / F18 PHEV / F30 PHEV	M8 8.8		19 Nm
	F25 / F26	M8X45		28 Nm
	F15 / F16 / F26 / F25 / F85 / F86 / F15 PHEV	M10X30		38 Nm
2AZ Engine mount to engine support arm	F01 / F02 / F03 / F04 / F06 / F07 / F10 / F10 HY / F11 / F12 / F13 / F18 / F80 / F82 / F83 / F18 PHEV	M12 10.9		100 Nm
	F15 F16 N57 (right engine mount) / F25 / F30 N57 (right engine mount)	M12 10.9		100 Nm
	F20 / F21 / F22 / F23 / F25 / F30(without N57) / F32 / F33 / F34 / F36 / F80 / F82 / F83 / F87	M10		56 Nm
	F25, F30 N57 (left engine mount)	M10		56 Nm
	F25 / F26	M12		66 Nm
	F30, F31 N47T / F30 HY	M10		55 Nm
	F35	M10		55 Nm
	F15,F16 N57 (left engine mount) / F15,F16 N63 / F15,F16 N55 / F15 PHEV / F85 / F86	M12		68 Nm
3AZ Engine support arm to engine	F01 / F02 / F03 / F04 / F06 / F07 / F10 / F10 HY / F11 / F12 / F13 / F15,F16 N63 / F18 / F20 / F21 / F22 / F23 / F25 / F26 / F30 / F31 / F32 / F33 N47 / F34 / F35 / F36 / F80 / F82 / F83 / F85 / F86 / F18 PHEV / F30 PHEV	M10 8.8		38 Nm

	F01 N54 / F02 N54 / F07 N55 / F10 N55 / F11 N55 / F15, F16 N55 / F20 N55 / F21 N55 / F22 N55 / F23 N55 / F25 N55 / F26 N55 / F30 N55 / F30 HY / F34 N55 / F33 N55 / F80 / F82 / F83 / F87	M12 8.8		66 Nm
	F01 / F02 / F10, F11, F18 N52T, F10 / F11, N53 / F25 N52T	M12x46	Renew screws, jointing torque and angle of rotation must be observed without fail. 1. Jointing torque 2. Angle of rotation	34 Nm 90 °
	F20 N13 / F30 N13 / F31 N13	M10x70, M10x35		56 Nm
	F15 B47 / F15, F16 N57 / F15 PHEV / (right engine support arm)	M10 10.9		56 Nm
	F15 B47 / F15, F16 N57 / F15 PHEV / (left engine support arm)	M10 8.8		38 Nm
	F80 / F82	M10 10.9		56 Nm
4AZ Additional mass to engine support arm, left	F01 / F02 / F06 / F07 / F10 / F10 HY / F11 / F18 / F15 / F16 / F25 / F26 / F30 / F31 / F80 / F82 / F83	M8 8.8	Renew screw	19 Nm
5AZ Engine support arm to front axle differential (reinforcing plate)	F01, F02, F07 / F25, (all-wheel drive vehicle)	M8		19 Nm
6AZ Tank ventilation line to engine support arm	F20 / F21 / F30 / F31 / F33 / F34 / F35	M6		13 Nm
7AZ Holder, electric vacuum pump to engine support arm	F30Hyb.			9 Nm

22 32 Transmission mounting

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Transmission mounting bracket to transmission	F01 / F02 / F03 / F04 / F06 / F07 / F10 / F11 / F12 / F13 / F15 / F16 / F18 / F20 / F21 / F22 / F23 / F25 / F26 / F30 / F31 / F32 / F33 / F34 / F35 / F36 / F80 / F82 / F83 / F87 / F18 PHEV / F30 PHEV	M10		48Nm
2AZ Rubber mount to transmission bearing support	F01 / F02 / F03 / F04 / F06 / F07 / F10 / F11 / F12 / F13 / F18 / F20 / F21 / F22 / F23 / F25 / F26 / F30 / F31 / F32 / F33 / F34 / F35 / F36 / F80 / F82 / F83 / F87 / F18 PHEV / F30 PHEV	M8		19 Nm
3AZ Transmission cross member to body	F01 / F02 / F03 / F04 / F06 / F07 / F10 / F11 / F12 / F13 / F18 / F20 / F21 / F22 / F23 / F25 / F26 / F30 / F31 / F32 / F33 / F34 / F35 / F36 / F80 / F82 / F83 / F87 / F18 PHEV / F30 PHEV	M8		19 Nm

4AZ Transmission cross member to rubber mounts	F01 / F02 / F03 / F04 / F06 / F07 / F10 / F11 / F12 / F13 / F18 / F20 / F21 / F22 / F23 / F25 / F26 / F30 / F31 / F32 / F33 / F34 / F35 / F36 / F80 / F82 / F83 / F87 / F18 PHEV / F30 PHEV	M8		19 Nm
5AZ Vibration absorber to transmission cross member	F01/ F02 N54 / F10			38 Nm
6AZ Transmission cross member to rubber mounts (AWD)	F01 / F02 / F06 / F07 / F10 / F11 / F25 / F12 / F13 / F15 / F16 / F20 / F21 / F30 / F31 / F32 / F34 / F35 / F36 / F80 / F82 / F83 / F85 / F86 / F15 PHEV	M12		68 Nm
7AZ Transmission bearing block to transmission (AWD)	F01 / F06 / F07 / F10 / F11	M8		19 Nm
8AZ Rubber mount to transmission bearing block (AWD)	F01 / F06 / F07 / F10 / F11	M8		19 Nm
9AZ Rubber mount to transmission bearing block (AWD)	F01 / F06 / F07 / F10 / F11	M8		19 Nm
10AZ Transmission bearing block to body (AWD)	F01 / F06 / F07 / F10 / F11	M8		19 Nm
11AZ Transmission cross member to body	F15 / F16 / F85 / F86 / F15 PHEV	M10		38 Nm
12AZ Grounding cable to transmission/body	F15 / F16	M8		19 Nm

2211 Overview of tightening torques

Engine mount to engine support arm		
M10		56Nm
Engine support arm to engine		
M10		38Nm
Left engine mount to engine support arm		
M10		56Nm

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22 32 Transmission mounting

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Transmission mounting bracket to transmission	F01 / F02 / F03 / F04 / F06 / F07 / F10 / F11 / F12 / F13 / F15 / F16 / F18 / F20 / F21 / F22 / F23 / F25 / F26 / F30 / F31 / F32 / F33 / F34 / F35 / F36 / F80 / F82 / F83 / F87 / F18 PHEV / F30 PHEV	M10		48Nm
2AZ Rubber mount to transmission bearing support	F01 / F02 / F03 / F04 / F06 / F07 / F10 / F11 / F12 / F13 / F18 / F20 / F21 / F22 / F23 / F25 / F26 / F30 / F31 / F32 / F33 / F34 / F35 / F36 / F80 / F82 / F83 / F87 / F18 PHEV / F30 PHEV	M8		19 Nm
3AZ Transmission cross member to body	F01 / F02 / F03 / F04 / F06 / F07 / F10 / F11 / F12 / F13 / F18 / F20 / F21 / F22 / F23 / F25 / F26 / F30 / F31 / F32 / F33 / F34 / F35 / F36 / F80 / F82 / F83 / F87 / F18 PHEV / F30 PHEV	M8		19 Nm

4AZ Transmission cross member to rubber mounts	F01 / F02 / F03 / F04 / F06 / F07 / F10 / F11 / F12 / F13 / F18 / F20 / F21 / F22 / F23 / F25 / F26 / F30 / F31 / F32 / F33 / F34 / F35 / F36 / F80 / F82 / F83 / F87 / F18 PHEV / F30 PHEV	M8		19 Nm
5AZ Vibration absorber to transmission cross member	F01/ F02 N54 / F10			38 Nm
6AZ Transmission cross member to rubber mounts (AWD)	F01 / F02 / F06 / F07 / F10 / F11 / F25 / F12 / F13 / F15 / F16 / F20 / F21 / F30 / F31 / F32 / F34 / F35 / F36 / F80 / F82 / F83 / F85 / F86 / F15 PHEV	M12		68 Nm
7AZ Transmission bearing block to transmission (AWD)	F01 / F06 / F07 / F10 / F11	M8		19 Nm
8AZ Rubber mount to transmission bearing block (AWD)	F01 / F06 / F07 / F10 / F11	M8		19 Nm
9AZ Rubber mount to transmission bearing block (AWD)	F01 / F06 / F07 / F10 / F11	M8		19 Nm
10AZ Transmission bearing block to body (AWD)	F01 / F06 / F07 / F10 / F11	M8		19 Nm
11AZ Transmission cross member to body	F15 / F16 / F85 / F86 / F15 PHEV	M10		38 Nm
12AZ Grounding cable to transmission/body	F15 / F16	M8		19 Nm

2232 Overview of tightening torques

Transmission cross member to body		
M8		19Nm
Transmission cross member to rubber mounts		
M8		19Nm

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