

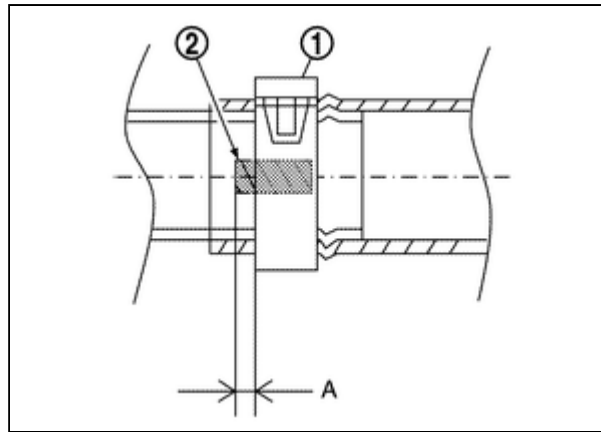
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2015 NISSAN Juke OEM Service and Repair Workshop Manual

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- When installing hose clamp ①, check that the distance “A” between the end of the radiator hose paint mark ② and the hose clamp is within the specified range.



RPR-001980266-19-SBIA0241ZZ

Dimension “A”

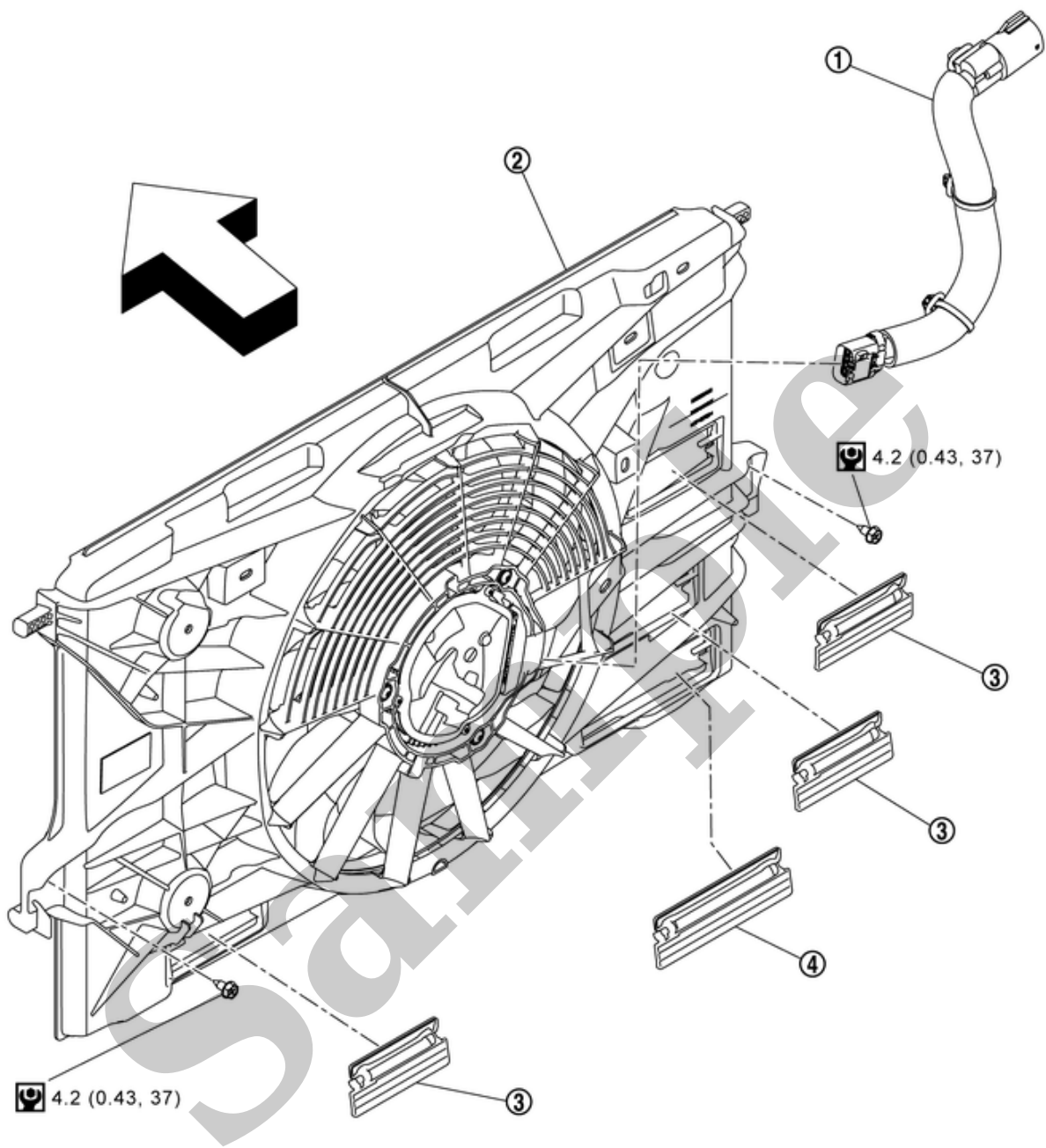
: (+1) - (-1) mm [(+0.04) - (-0.04) in]

INSPECTION AFTER INSTALLATION

- Confirm that the reservoir tank cap is tightened.
- With a suitable tool, check that there is no leaks of coolant. Refer to [Inspection](#).
- Start the electric pump, and check the joints for coolant leaks.

Sample

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RDE-001824647-01-000369921



: Vehicle front

①	Radiator cooling fan motor harness	②	Radiator cooling fan shroud	③	Radiator cooling fan shroud bush 1
④	Radiator cooling fan shroud bush 2				
	: N·m (kg-m, in-lb)				

Removal

Remove cooling fan from radiator. Refer to [RADIATOR : Removal & Installation](#).

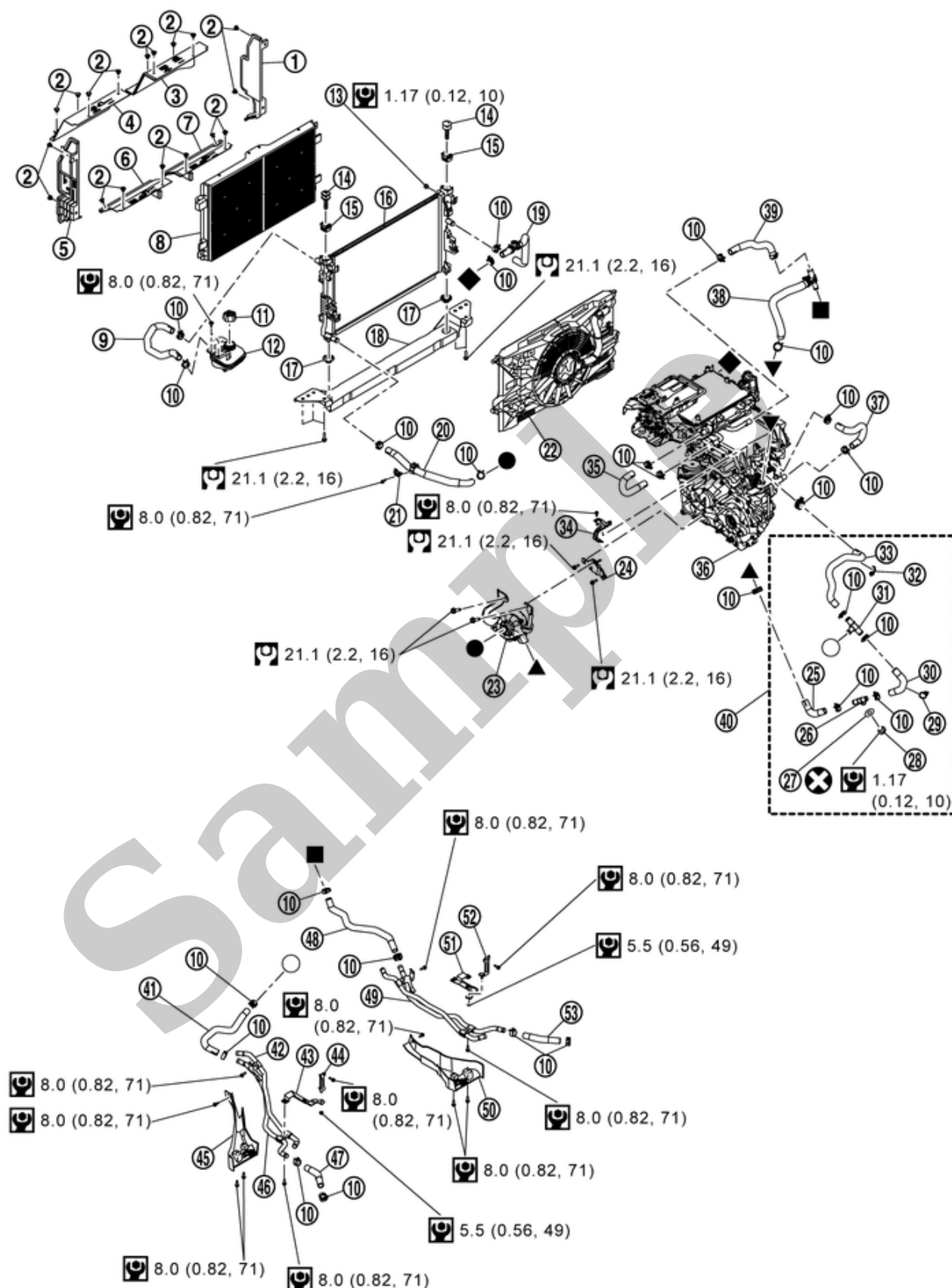
Installation

Install in the reverse order of removal. Refer to [RADIATOR : Removal & Installation](#).

Sample

Electric power train cooling system

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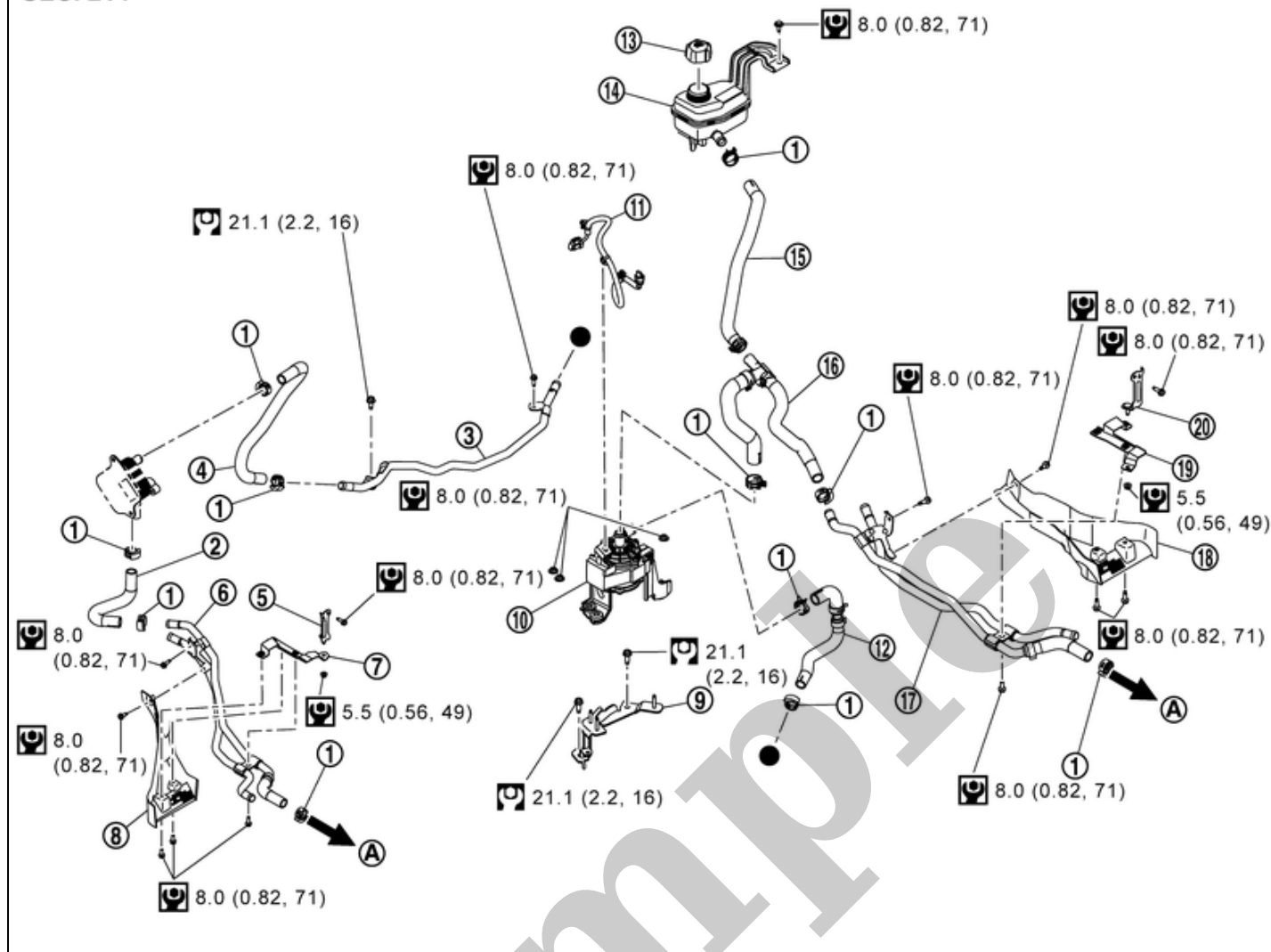


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①	Radiator air guide	②	Clip	③	Radiator air guide upper right
④	Radiator air guide upper left	⑤	Radiator air guide left	⑥	Radiator air guide lower left
⑦	Radiator air guide lower right	⑧	Chipping guard	⑨	Radiator reservoir tank hose
⑩	Clamp	⑪	Reservoir tank cap	⑫	Reservoir tank

⑬	Air bleeder	⑭	Radiator upper mounting lock	⑮	Radiator upper mounting
⑯	Radiator	⑰	Radiator lower mounting	⑱	Radiator core support lower
⑲	Radiator outlet hose	⑳	Radiator hose lower	㉑	Radiator hose lower bracket
㉒	Radiator cooling fan shroud	㉓	Electric water pump	㉔	Electric water pump bracket
㉕	Radiator hose lower (Between traction motor inverter and electric water pump 1)* ¹	㉖	Radiator hose lower connector	㉗	O-ring
㉘	Drain plug	㉙	Clip 1	㉚	Radiator hose lower (Between traction motor inverter and electric water pump 2)* ¹
㉛	Radiator hose lower pipe * ²	㉜	Clip 2	㉝	Radiator hose lower (Between traction motor inverter and electric water pump 3)* ³
㉞	Bracket	㉟	DC/DC converter inlet hose	㊱	Traction motor
㊲	Traction motor inlet hose	㊳	Traction motor inlet hose (Traction motor side)	㊴	Traction motor inlet hose (DC/DC converter side)
㊵	Radiator hose lower [Between inverter(front) and electric water pump] ASSY	㊶	Water hose 1	㊷	Electric water pump inlet tube ASSY left
㊸	Water hose bracket 2	㊹	Water hose bracket 1	㊺	Electric water pump inlet tube ASSY cover left
㊻	Electric water pump inlet tube ASSY left	㊼	Water hose 2	㊽	Water hose 3
㊾	Electric water pump inlet tube ASSY right	㊿	Electric water pump inlet tube ASSY cover right	①	Water hose bracket3
②	Water hose bracket 4	③	Water hose 4		
*1	②⑤,③⑩,③①,③③ are supplied as an assembly				
	: N·m(kg-m, in-lb)				
	: N·m (kg-m, ft-lb)				
●,▲,■,▼,◆,○: Shows the connection between the same marks					

Li-ion battery cooling system



RDE-001824648-01-000396411

①	Clamp	②	Water cooler outlet hose	③	Electric water pump inlet tube
④	Water cooler inlet hose left	⑤	Water hose bracket 1	⑥	Electric water pump inlet tube ASSY left
⑦	Water hose bracket 2	⑧	Electric water pump inlet tube ASSY cover left	⑨	Electric water pump bracket 1
⑩	Electric water pump	⑪	Electric water pump harness	⑫	Water cooler inlet hose right
⑬	Reservoir tank cap	⑭	Reservoir tank	⑮	Reservoir tank hose
⑯	Water cooler inlet hose	⑰	Electric water pump inlet tube ASSY right	⑱	Electric water pump inlet tube ASSY cover right
⑲	Water hose bracket 3	⑳	Water hose bracket 4		
A	: To Li-ion battery Refer to Exploded View .				
	: N·m(kg-m, in-lb)				
	: N·m(kg-m, ft-lb)				

●▲: Shows the connection between the same marks

Removal

WARNING:

When Li-ion battery and other high voltage component parts are hot, do not remove reservoir tank cap. Hot water may blow out and cause serious injury.

ELECTRIC WATER PUMP (Electric power train cooling system)

- 1 Drain coolant. Refer to [COOLANT : Draining](#).
- 2 Remove front left side only of front fender protector, turn over little to make the work easier.
- 3 Meantime, remove electric water pump harness connector from electric water pump.
- 4 Remove radiator hose lower from electric water pump.
- 5 Remove radiator hose lower (between traction motor inverter and electric water pump) from electric water pump.
- 6 Remove electric water pump.
- 7 Remove radiator hose lower ASSY (between traction motor inverter and electric water pump), if necessary.

ELECTRIC WATER PUMP (Li-ion battery cooling system)

- 1 Drain coolant. Refer to [COOLANT : Draining](#).
- 2 Disconnect water cooler inlet hose from electric water pump.
- 3 Remove front right side only of front fender protector, turn over little to make the work easier.
- 4 Remove reservoir tank.
- 5 Remove reservoir tank hose and water cooler inlet hose.
- 6 Remove water cooler inlet hose right from electric water pump.
- 7 Remove electric water pump.
- 8 Remove electric water pump bracket 1,if necessary.

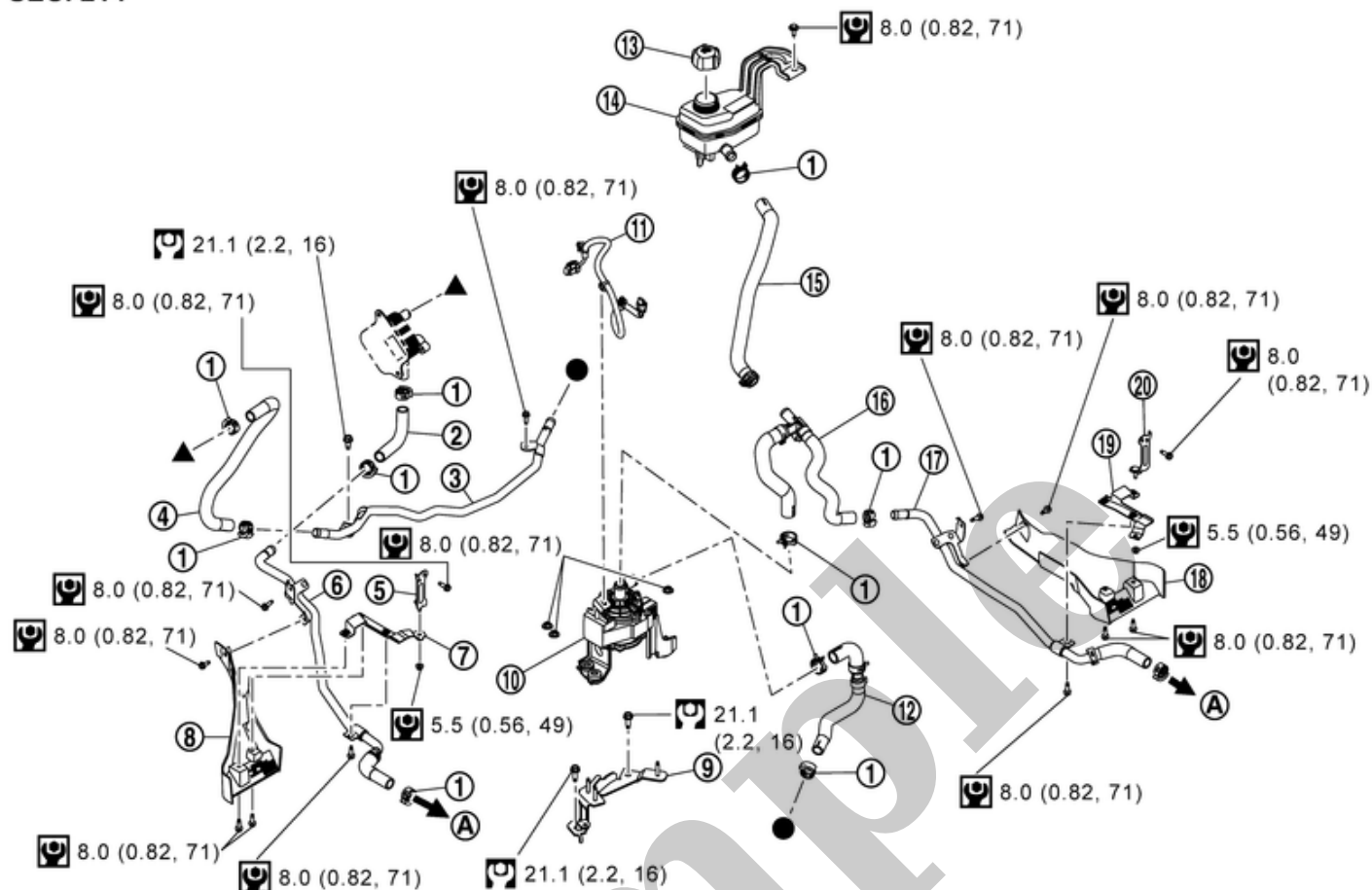
Installation

Install in the reverse order of removal.

CAUTION:

- Be sure to perform air bleeding properly after refilling coolant. Refer to [COOLANT : Refilling](#).

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RPR-002038669-02-000373535

①	Clamp	②	Water cooler outlet hose	③	Electric water pump inlet tube
④	Water cooler inlet hose left	⑤	Water hose bracket 1	⑥	Electric water pump inlet tube ASSY left
⑦	Water hose bracket 2	⑧	Electric water pump inlet tube ASSY cover left	⑨	Electric water pump bracket 1
⑩	Electric water pump	⑪	Electric water pump harness	⑫	Water cooler inlet hose right
⑬	Reservoir tank cap	⑭	Reservoir tank	⑮	Reservoir tank hose
⑯	Water cooler inlet hose	⑰	Electric water pump inlet tube ASSY right	⑱	Electric water pump inlet tube ASSY cover right
⑲	Water hose bracket 3	⑳	Water hose bracket 4		
A	: To Li-ion battery Refer to Exploded View .				
Ⓜ	: N·m(kg-m, in-lb)				
Ⓜ	: N·m(kg-m, ft-lb)				
●,▲: Shows the connection between the same marks					