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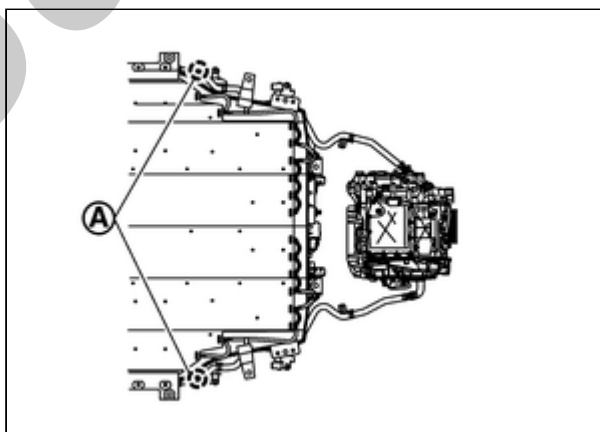
2015 NISSAN Juke Nismo OEM Service and Repair Workshop Manual

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- 10 Remove chipping guard.
- 11 Remove high pressure flexible pipe ASSY. Refer to [Removal & Installation](#).
- 12 Remove accumulator ASSY side of low pressure flexible hose. Refer to [Removal & Installation](#).
- 13 Remove high pressure flexible hose. Refer to [Removal & Installation](#).
- 14 Remove radiator reservoir tank hose.
- 15 Remove harness and harness clips of radiator cooling fan motor. Refer to [COOLING FAN : Removal & Installation](#).
- 16 Remove radiator outlet hose.
- 17 Remove radiator hose lower.
- 18 Remove bolts of radiator hose lower bracket.
- 19 Remove bracket mounting bolts. Refer to [FRONT TRACTION MOTOR : Removal & Installation](#).
- 20 Remove radiator upper mounting lock.
- 21 Remove radiator, condenser, cooling fan, and accumulator ASSY all together from vehicle.
- 22 Remove accumulator ASSY from condenser, and radiator cooling fan shroud.
- 23 Remove radiator cooling fan shroud from radiator.
- 24 Remove radiator from condenser.
- 25 Disconnect each hose from radiator.

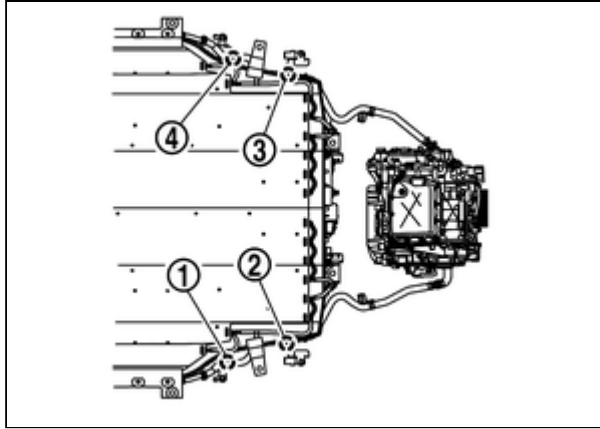
water line rear side

1. Drain coolant. Refer to [COOLANT : Draining](#).
2. Remove the rear diffuser front. Refer to [Exploded View](#).
3. Remove the li-ion battery under cover (rear). Refer to [Exploded View](#).
4. Remove the water hose [inverter (rear) inlet] 2 and the water hose (oil cooler outlet) 2 from the li-ion battery side (A).



RPR-001980266-15-000400255

5. Remove the clip 1 (1), clip 2 (2), clip 6 (3) and clip 7 (4).



RPR-001980266-16-000400256

6. Remove the rear traction motor.
7. Remove the water hose [inverter (rear) inlet] 2 from the water hose [inverter (rear) inlet] 1 side.
8. Remove the water hose (oil cooler outlet) 2 from the water hose (oil cooler outlet) 1 side.
9. Remove the clip 3.
10. Remove the water hose [inverter (rear) inlet] 1 from the rear traction motor side.
11. Remove the clip 4 and clip 5.
12. Remove the water hose (oil cooler outlet) 1 from the rear traction motor side.
13. Remove the water hose [inverter (rear) inlet - oil cooler]

INSTALLATION

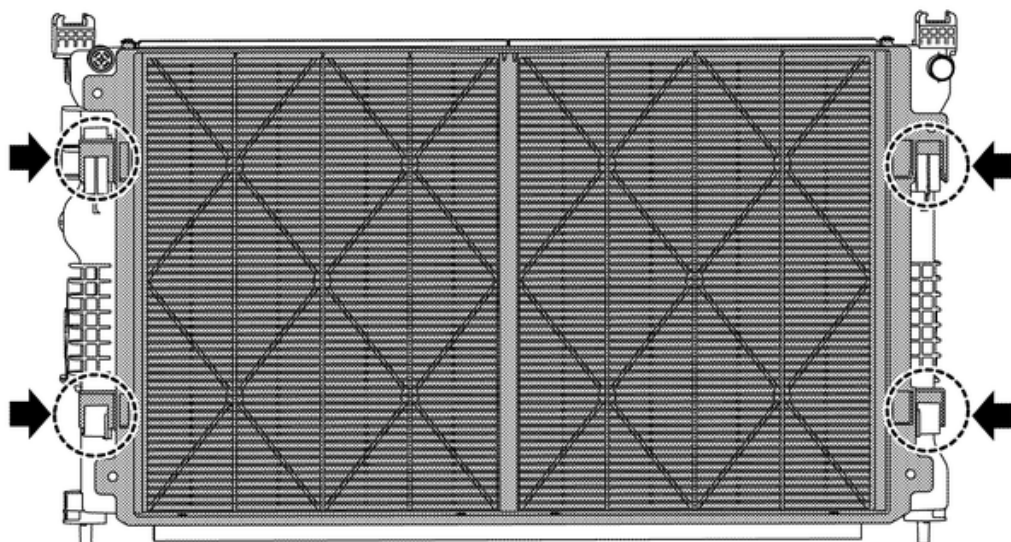
water line front side

Note the following, and install in the reverse order of removal.

CAUTION:
Be sure to perform air bleeding properly after refilling coolant.

RADIATOR Chipping Guard

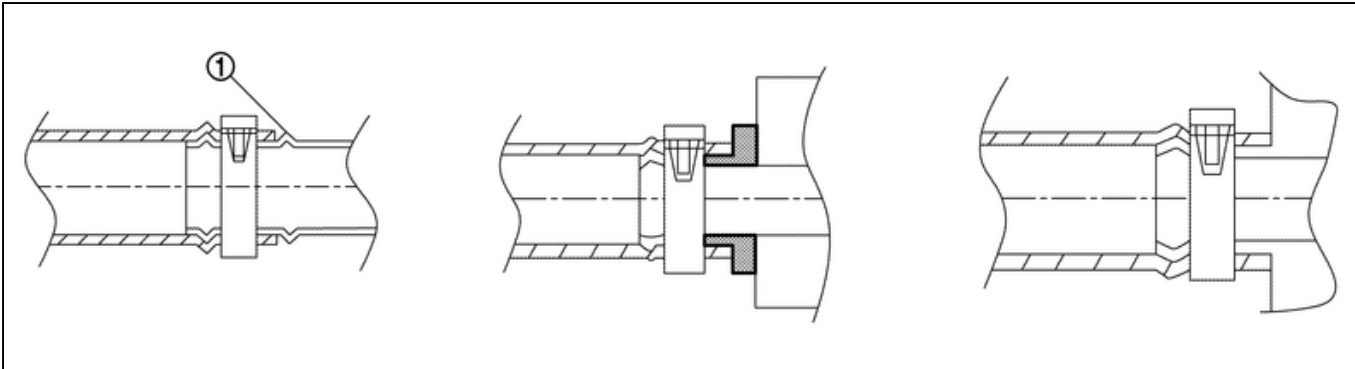
- When installing the chipping guard, securely insert the engaging points shown by the arrows (➡) in the figure.



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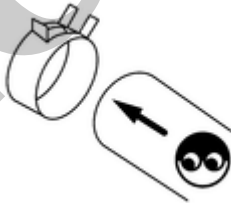
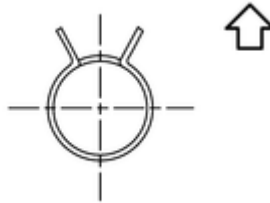
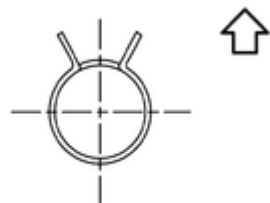
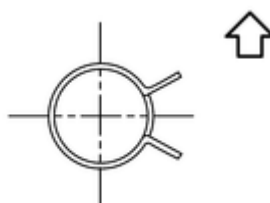
Radiator Hose / Water Hose

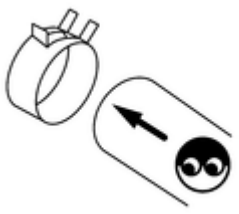
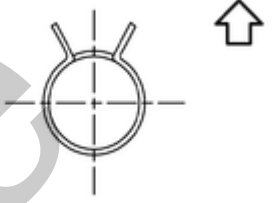
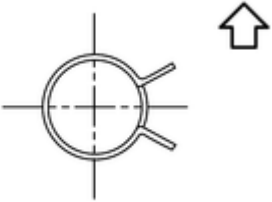
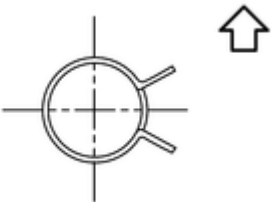
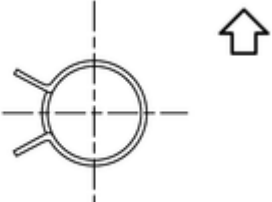
- When inserting the radiator hose and water hose , insert all the way until it contacts double spool ①, or it contacts the end.

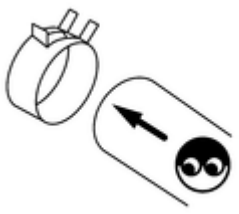
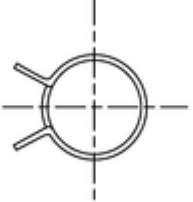
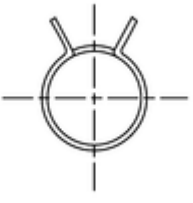


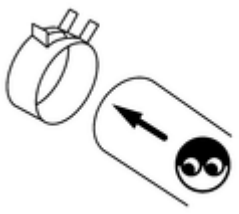
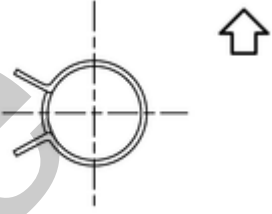
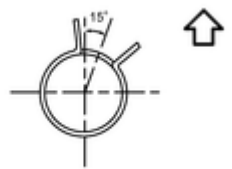
RPR-001980266-44-000347008

- Refer to the following table when installing the hose clamps.

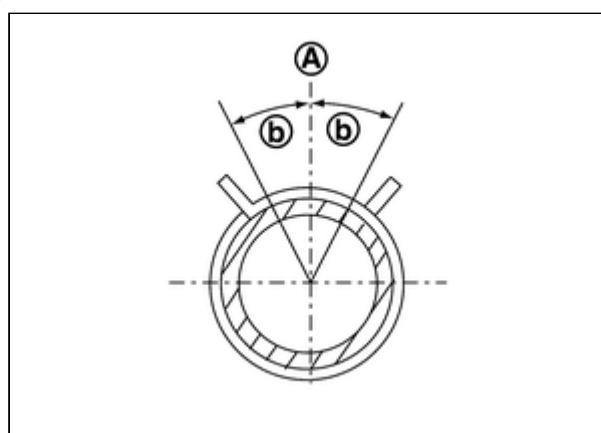
Location of hose	Hose end	Direction of Paint mark	Direction of hose clamp tabs  RPR-001980266-28-PCIA0366ZZ ↩: Vehicle upper ↩Vehicle front
Radiator reservoir tank hose	Radiator reservoir tank side	Vehicle upper	 RPR-001980266-37-PCIA0362ZZ
	Radiator side	Vehicle upper	 RPR-001980266-42-PCIA0362ZZ
Radiator outlet hose	Radiator side	Vehicle right	 RPR-001980266-29-PCIA0360ZZ

Location of hose	Hose end	Direction of Paint mark	Direction of hose clamp tabs  RPR-001980266-28-PCIA0366ZZ ←: Vehicle upper ←Vehicle front
	In-vehicle charger side	Vehicle upper	 RPR-001980266-33-PCIA0362ZZ
DC/DC converter inlet hose	In-vehicle charger side	Vehicle rear	 RPR-001980266-41-PCIA0360ZZ
	DC/DC converter side	Vehicle rear	 RPR-001980266-43-PCIA0360ZZ
Traction motor inlet hose (DC/DC converter side)	DC/DC converter side	Vehicle rear	 RPR-001980266-04-PCIA0364ZZ
	Traction motor inlet hose (traction motor side)	Vehicle right	 NOTE: Clamp is glued to hose.

Location of hose	Hose end	Direction of Paint mark	Direction of hose clamp tabs  RPR-001980266-28-PCIA0366ZZ  : Vehicle upper  Vehicle front
Traction motor inlet hose	Traction motor inverter side	Vehicle upper	 RPR-001980266-27-PCIA0362ZZ
	Traction motor inside	Vehicle rear	 RPR-001980266-30-PCIA0364ZZ
Radiator hose lower (between traction motor inverter and electric water pump)	Traction motor inverter side	Vehicle upper	 RPR-001980266-31-PCIA0362ZZ
	Electric water pump side	Vehicle rear left	 RPR-001980266-01-000363832
Radiator hose lower	Electric water pump side	Vehicle upper	 RPR-001980266-03-PCIA0362ZZ

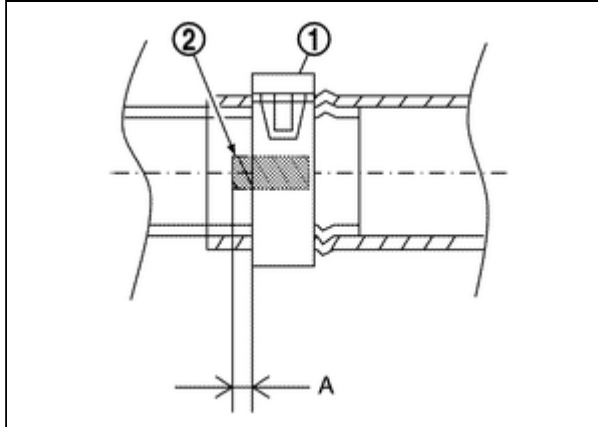
Location of hose	Hose end	Direction of Paint mark	Direction of hose clamp tabs  RPR-001980266-28-PCIA0366ZZ ←: Vehicle upper ←Vehicle front
	Radiator side	Vehicle left	 RPR-001980266-34-PCIA0364ZZ
Traction motor inlet hose (traction motor side)	Traction motor inside	Vehicle upper right	 RPR-001980266-02-000363833
	Traction motor inlet hose (DC/DC converter side)	Vehicle upper	 NOTE: Clamp is glued to hose.

- The direction of the hose clamp tabs must be within $\pm 30^\circ$ (b) of the indicated position (A).



RPR-001980266-38-PBIA4295ZZ

- 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-001980266-39-SBIA0241ZZ

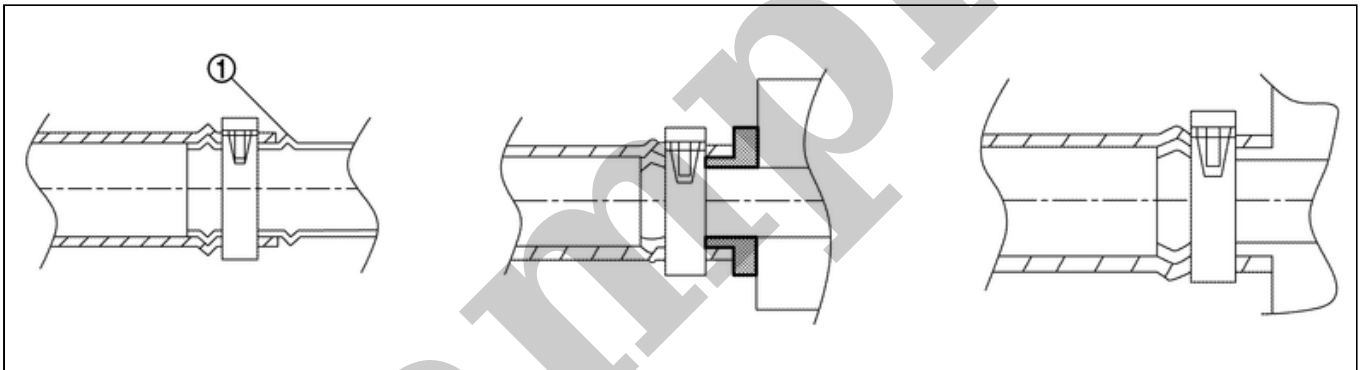
Dimension "A"

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

water line rear side

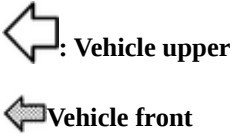
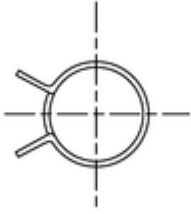
Water Hose

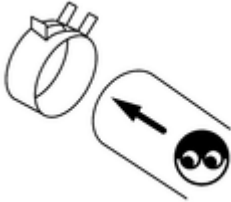
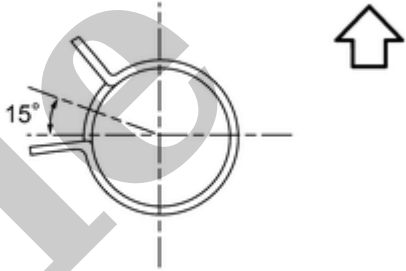
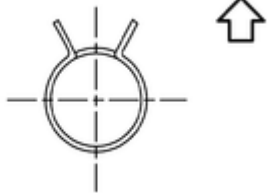
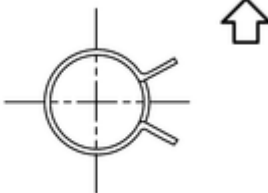
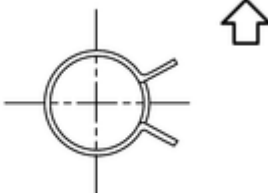
- When inserting the radiator hose and water hose , insert all the way until it contacts double spool ①, or it contacts the end.

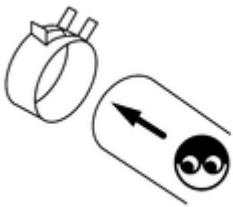
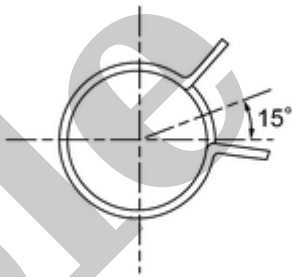
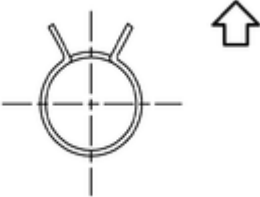
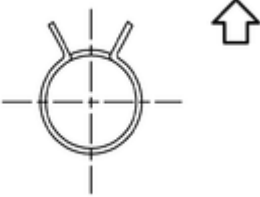


RPR-001980266-24-000347008

- Refer to the following table when installing the hose clamps.

Location of hose	Hose end	Direction of Paint mark	Direction of hose clamp tabs  RPR-001980266-10-PCIA0366ZZ 
Water hose [inverter (rear) inlet] 2	Li-ion battery side	Vehicle left	 RPR-001980266-07-PCIA0364ZZ

Location of hose	Hose end	Direction of Paint mark	Direction of hose clamp tabs  RPR-001980266-10-PCIA0366ZZ ←: Vehicle upper ← Vehicle front
	Water hose [inverter (rear) inlet] 1 side	Vehicle left	 RPR-001980266-13-000400257
Water hose [inverter (rear) inlet] 1	Rear traction motor inverter side	Vehicle upper	 RPR-001980266-08-PCIA0362ZZ
	-	-	-
Water hose (oil cooler outlet) 1	Rear traction motor side	Vehicle upper	 RPR-001980266-21-PCIA0360ZZ
	-	-	-
Water hose (oil cooler outlet) 2	Li-ion battery side	Vehicle right	 RPR-001980266-11-PCIA0360ZZ

Location of hose	Hose end	Direction of Paint mark	Direction of hose clamp tabs  RPR-001980266-10-PCIA0366ZZ ←: Vehicle upper ← Vehicle front
	Water hose (oil cooler outlet) 1 side	Vehicle right	 RPR-001980266-14-000400258
Water hose [inverter (rear) inlet - oil cooler]	Rear traction motor inverter side	Vehicle upper	 RPR-001980266-09-PCIA0362ZZ
	Rear traction motor side	Vehicle upper	 RPR-001980266-12-PCIA0362ZZ

- The direction of the hose clamp tabs must be within $\pm 30^\circ$ (b) of the indicated position (A).

