

ARaymond ™

MORE THAN FASTENING

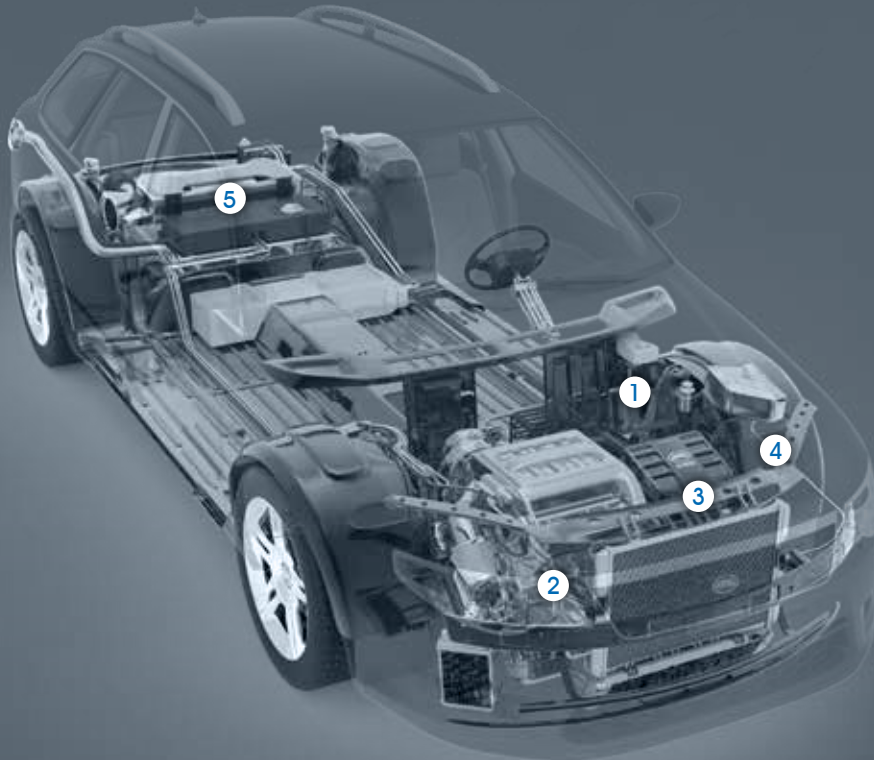
ARAYMOND FLUID CONNECTION

VDA QUICK CONNECTORS

for engine
& battery cooling



APPLICATIONS



- ① Heater box
- ② Flow distribution line
- ③ Radiator Hose
- ④ Degas line
- ⑤ Battery cooling

VDA QUICK CONNECTORS

Robust and compact, our VDA Quick Connectors are compatible with various coolant fluids.

ARaymond can also **develop custom solutions** to meet your needs. If you require a specific diameter, angle, hose connection, or head range, our engineers can develop a connector for you.

Anti-rotation device are also available in multiple positions as are **additional features** like pressure and temperature measurement and control.



RANGE OF PARTS

NW 6	p.6
NW 12	p.7
NW 14	p.8
NW 16	p.9
NW 20	p.13
NW 26	p.14
NW 32	p.15



GA1 **41°**

VDA QC - RW 90° - Single O-Ring



PA 6.0x8.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

GA2 **90°**

VDA QC - RW 0° - Single O-Ring



PA 6.0x8.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

GA3 **90°**

VDA QC - RW 0° - Single O-Ring



Rubber 10 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***



JA2 0°

VDA QC




NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

JA3 45°

VDA QC - RW 0° - Single O-Ring




Rubber 12.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

JA4 90°

VDA QC - RW 270° - Single O-Ring



Rubber 12.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***



MA1 0°

VDA QC



PA 14.0x16.0 or 5/8" / NT414

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

MA2 0°

VDA QC



NT414

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***



NB14 **0°**

VDA QC

PA 16.5x18.5 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB18 **90°**

VDA QC - RW 0°

PA 16.5x18.5 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB1 **0°**

VDA QC

Rubber 16.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB22 **0°**

VDA QC - Single O-Ring

Rubber 16.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB8 **45°**

VDA QC - RW 0°

Rubber 16.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB7 **45°**

VDA QC - RW 180°

Rubber 16.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***



NB10 **75°**

VDA QC - RW 90°



New tool required

Rubber 16.0

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB9 **90°**

VDA QC - RW 0°



Rubber 16.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB6 **90°**

VDA QC - RW 0°



Rubber 16.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB19 **90°**

VDA QC - RW 0° - Single O-Ring



NEW

Rubber 16.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB12 **90°**

VDA QC - RW 90°



New tool required

Rubber 16.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB23 **3 ways**

VDA QC - RW 270° - Single O-Ring



NEW

Rubber 16.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***



NB21 **3 ways**

VDA QC - RW 270° - Single O-Ring



New tool required

Rubber 16.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB2 **0°**

VDA QC - Anti twist device



New tool required

Rubber 18.0 / NT416

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB3 **45°**

VDA QC - RW 270° - Anti twist device



New tool required

Rubber 18.0 / NT416

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB5 **90°**

VDA QC - RW 270°



New tool required

Rubber 18.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB4 **90°**

VDA QC - RW 270° - Anti twist device



New tool required

Rubber 18.0 / NT416

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB16 **90°**

VDA QC - RW 0°



New tool required

Rubber 20.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***



NB17 **3 ways**

VDA QC - RW 180°




New tool required

Rubber 8, Rubber 20.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB20 **0°**

End piece



Rubber 16.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB11 **3 ways**

End piece - T shape - for VDA standard QC



New tool required

Rubber 16.0

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NB13 **3 ways**

End piece - T shape - for VDA standard QC



- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***



XA1 0°

End piece -
for VDA connectors



Rubber 20.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***



XP1

0°

VDA QC - RW 0° - Single
O-Ring



Rubber 26.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***



OB4 **0°**

VDA QC

NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

OB2 **0°**

VDA QC

NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

OB5 **41°**

VDA QC - RW 270°

NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

OB1 **3 ways**

VDA QC - RW 90°

NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

OB3 **0°**

VDA QC -

Rubber 30.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

OB6 **4 ways**

VDA QC - RW 347° - Single O-Ring

PA 6.0x8.0, Rubber 13, Rubber 32.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***



OB7

90°

VDA QC - RW 270° - Single
O-Ring



NEW

New tool required

PA 14.0x16.0 or 5/8",
Rubber 32.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

OB8

30°

VDA QC - RW 90° - Single
O-Ring



NEW

New tool required

Rubber 32.0 / NT413

- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

NEXT GENERATION

Driven by a constant care in answering our customer requirements and **anticipating the evolution of the automotive industry**, our experts in Quick Connectors work to design increasingly **innovative solutions for the next generation of Quick Connectors** for cooling lines.



ARAYMOND, CLOSE TO YOU EVERYWHERE



1 center of expertise

11 engineering centers

26 manufacturing sites
in **25** countries

6,800 employees

More than **150** years of experience

Find your contact on <http://connecting.araymond-automotive.com>

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*** We are able to offer diverse solutions for pressure and temperature out of this range. Feel free to contact us.

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