ARaymond

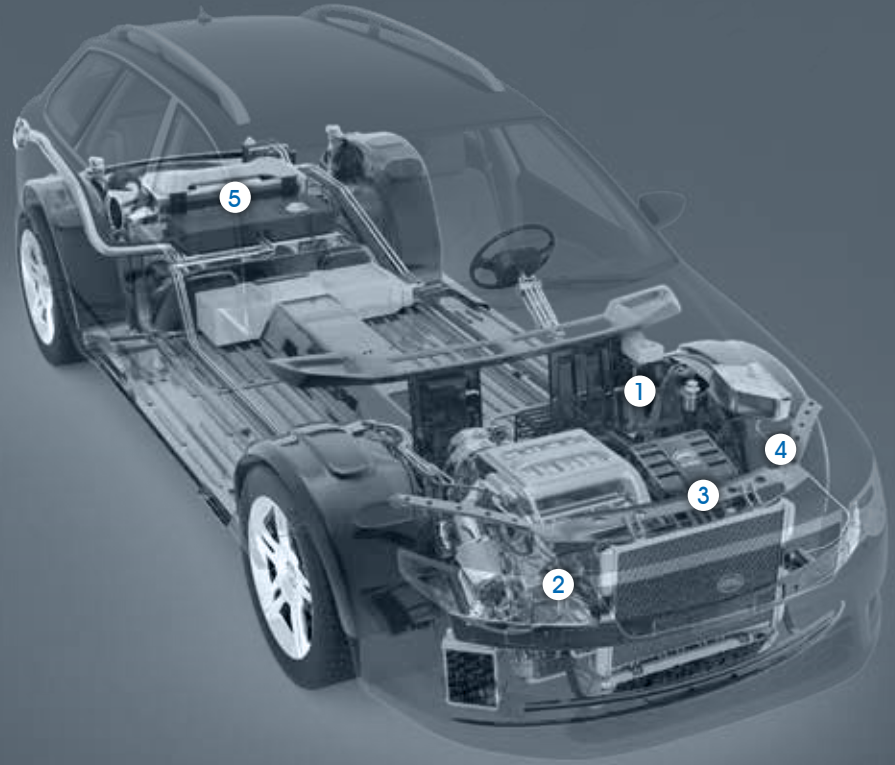
MORE THAN FASTENING

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

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***

))) NW 12

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***

))) NW 14

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***

))) NW 16

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***

))) NW 16

NB21 — 3 ways
VDA QC - RW 270° - Single O-Ring

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

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

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°

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

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°

Rubber 20.0 / NT413
- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

))) NW 16

NB17 — 3 ways

VDA QC - RW 180°

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

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***

))) NW 20

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

NEW

Rubber 26.0 / NT413

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

OB4 — 0° — VDA QC

NEW

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

NEW

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***

))) NW 32

OB7 — 90°
VDA QC - RW 270° - Single O-Ring

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

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.

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

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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www.araymond-automotive.com

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