

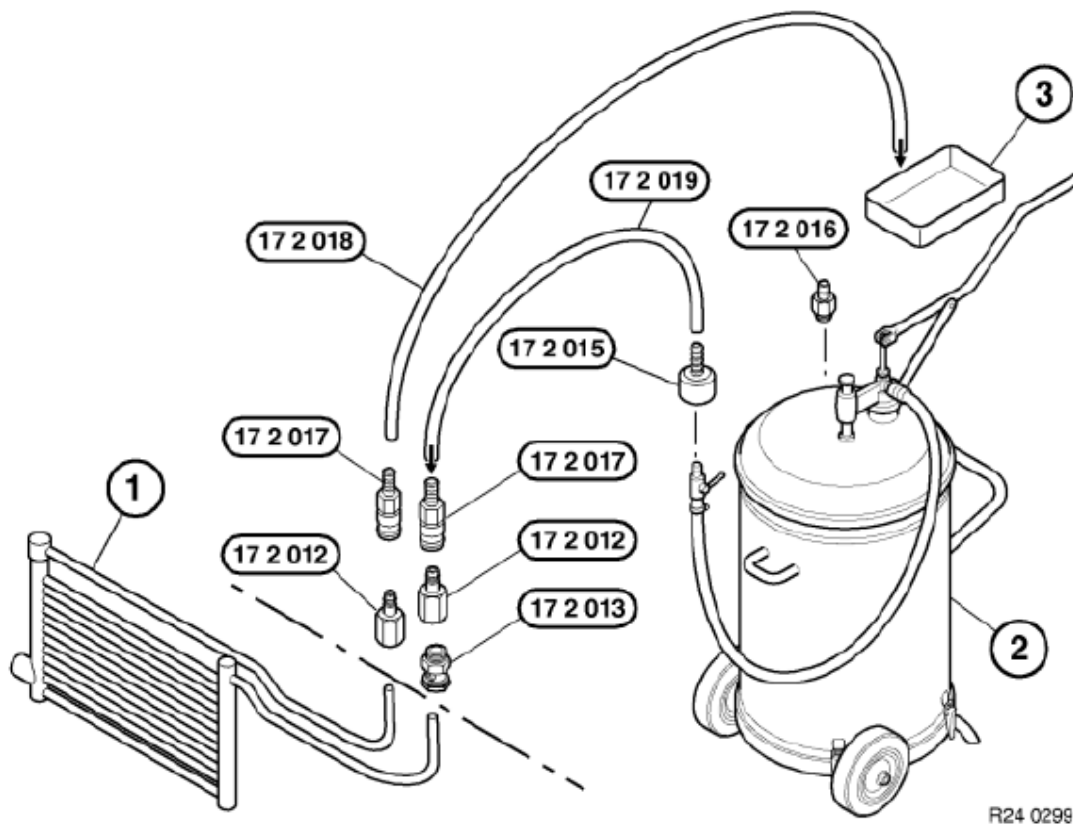
17 2 016 Connection for oil collection unit (2), manufacturer: Horn

17 2 017 Quick-release coupling (2 pieces)

17 2 018 Hose to oil drip tray (3)

17 2 019 Hose to oil collection unit (2)

**Arrangement of flushing device for transmission A5S 440Z**



- 1) Transmission-oil cooler with lines
- 2) Oil collection unit
- 3) Oil drip tray

**Fig. 90: Arrangement Of Flushing Device For Transmission A5S 440Z**  
Courtesy of BMW OF NORTH AMERICA, INC.

- 1. Transmission-oil cooler with lines
- 2. Oil collection unit
- 3. Oil drip tray

17 2 012 Adapters (2 x) for connecting transmission-side oil cooler lines (1)

17 2 013 Banjo bolt for connecting transmission-side oil cooler lines (1)

17 2 015 Connection for oil collection unit (2), manufacturer: Deutsche Tecalemit or

17 2 016 Connection for oil collection unit (2), manufacturer: Horn

17 2 017 Quick-release coupling (2 pieces)

17 2 018 Hose to oil drip tray (3)

17 2 019 Hose to oil collection unit (2)

### **17 22 010 REMOVING AND INSTALLING/REPLACING HEAT EXCHANGER FOR AUTOMATIC TRANSMISSION (BMW ALPINA B7)**

#### **Special tools required:**

- 17 0 030

**WARNING: Danger of scalding!**  
**Only perform this work after engine has cooled down.**

**IMPORTANT: Wear protective gloves and goggles.**

#### *Recycling*

Catch and dispose of escaping transmission fluid.

Observe country-specific waste-disposal regulations.

#### *Necessary preliminary tasks:*

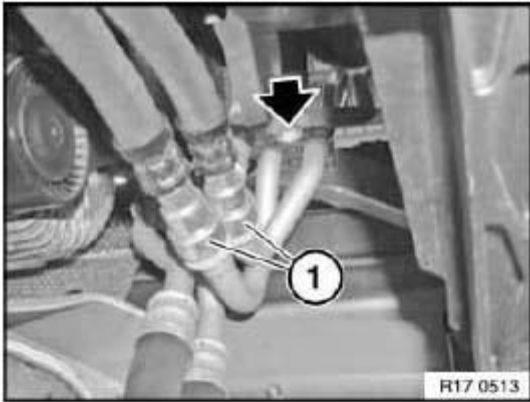
- Remove design cover . See **REMOVING DESIGN COVER (BMW ALPINA B7)**.
- Remove underbody protection . See **51 47 490 REMOVING AND INSTALLING / REPLACING FRONT UNDERBODY PROTECTION** .

#### Special tools required:

- 17 0 030

Release screw.

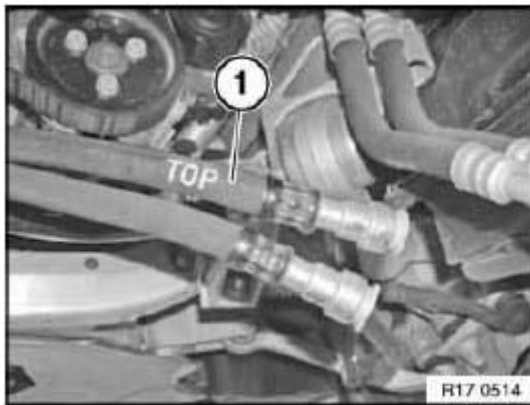
Unlock hydraulic lines (1) with special tool 17 0 030 and detach.



**Fig. 91: Identifying Hydraulic Lines**  
Courtesy of BMW OF NORTH AMERICA, INC.

*Installation:*

- Connect hydraulic line (1) with TOP marking to upper pipe of heat exchanger.
- Moisten pipes with a thin coating of transmission fluid.
- Couplings must be heard and felt to snap into place.

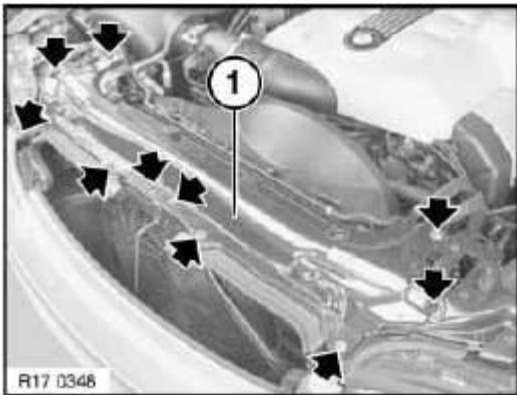


**Fig. 92: Identifying Hydraulic Lines**  
Courtesy of BMW OF NORTH AMERICA, INC.

**Illustrations show E65/N62:**

Unfasten screws.

Remove front panel (1).



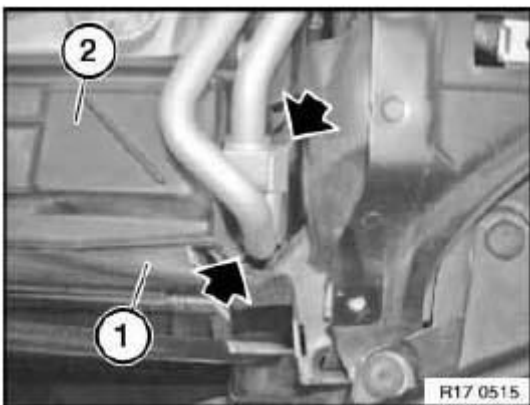
**Fig. 93: Locating Screws**

Courtesy of BMW OF NORTH AMERICA, INC.

**NOTE:** Texts refer to and illustrations show the left side.  
The procedure is identical for the right filter side.

Unfasten screws.

Remove heat exchanger (1) together with cover (2).



**Fig. 94: Identifying Heat Exchanger And Cover**

Courtesy of BMW OF NORTH AMERICA, INC.

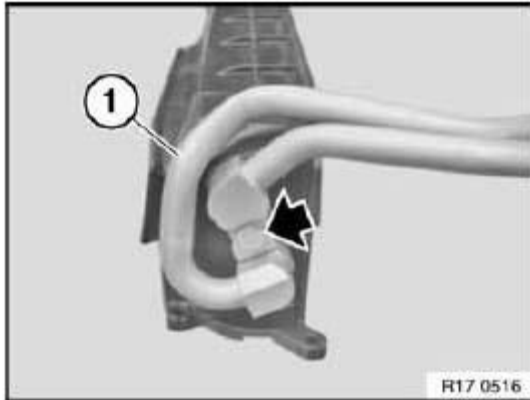
**NOTE:** For purposes of clarity, the following work steps are shown on the heat exchanger after it has been removed.

Release screw.

Remove hydraulic lines (1) from heat exchanger.

*Installation:*

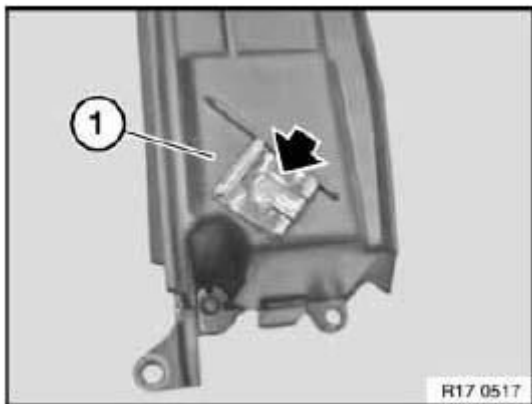
- Tightening torque: 21 Nm.
- Replace sealing rings.



**Fig. 95: Identifying Hydraulic Lines**  
Courtesy of BMW OF NORTH AMERICA, INC.

Unlock and remove retainers.

Remove cover (1) from heat exchanger.



**Fig. 96: Identifying Cover**  
Courtesy of BMW OF NORTH AMERICA, INC.

*Installation:*

Pay attention to spacer buffers during installation.

(Illustration shows right side. Left spacer buffer is located at top left on A/C system condenser)