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shows you how

**BMW 3-Series and Z4 (99-05) Includes 2006 325ci/330ci Coupe and Convertible models Haynes Online Manual.**

## 2 Cooling system hoses - disconnection and replacement

### Note:

Refer to the warnings given in [Section 1](#) of this Chapter before proceeding.

1 If the checks described in [Chapter 1](#) reveal a faulty hose, it must be replaced as follows.

2 First drain the cooling system (see [Chapter 1](#) ). If the coolant is not due for replacement, it may be re-used if it is collected in a clean container.

3 To disconnect a hose union from a fitting (such as at the radiator), pry up the wire retaining clip and pull the hose union from its fitting (see illustrations) . Some hoses are secured to their unions using traditional hose clamps. To disconnect these type hoses, loosen the clamps, then move them along the hose, clear of the relevant inlet/outlet union. Carefully work the hose free. While the hoses can be removed with relative ease when new, or when hot, do not attempt to disconnect any part of the system while it is still hot.

### 2.3a Pry up the wire locking clip . . .



**2.3b . . . and pull the hose union from the fitting (the union shown here has two clips, one for each fitting)**



4 Note that the radiator inlet and outlet are fragile; do not use excessive force when attempting to remove the hoses. If a hose proves to be difficult to remove, try to release it by rotating the hose ends before attempting to free it.

5 To reinstall a hose, simply push the end over the fitting until the retaining clip engages and lock the hose in place. Pull the hose to make sure it's locked in place. When installing a hose with traditional hose clamps, first slide the clamps onto the hose, then work the hose into position. If the hose is stiff, use a little soapy water as a lubricant, or soften the hose by soaking it in hot water. Work the hose into position, checking that it is correctly routed, then slide each clamp along the hose until it passes over the flared end of the relevant inlet/outlet union, before securing it in position.

6 Refill the cooling system (see [Chapter 1](#) ).

7 Check thoroughly for leaks as soon as possible after disturbing any part of the cooling system.

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