





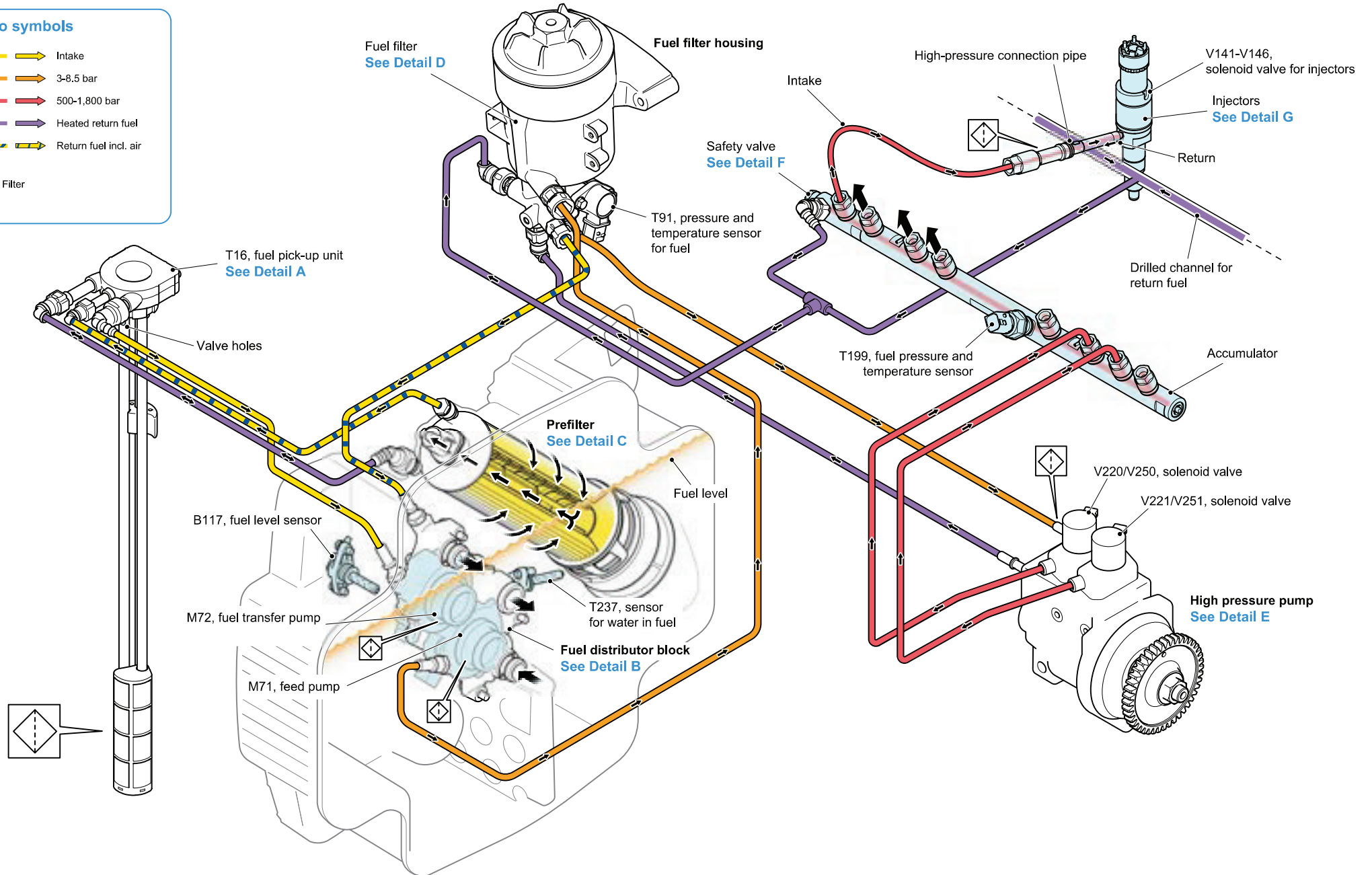


# XPI FUEL CIRCUIT overview

13 litre engines with cylinder block generation 3

## Key to symbols





-  Intake
-  3-8.5 bar
-  500-1,800 bar
-  Heated return fuel
-  Return fuel incl. air
-  Filter



# XPI FUEL CIRCUIT details

13 litre engines with cylinder block generation 3

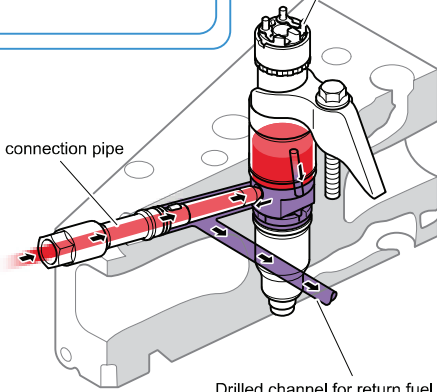
## Key to symbols

-  Intake
-  3-8.5 bar
-  500-1,800 bar
-  Return fuel

## Detail G Injector

V141-V146, solenoid valve for injectors

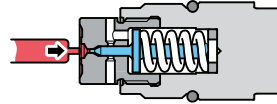
High-pressure connection pipe



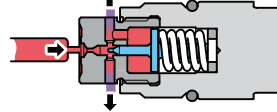
Drilled channel for return fuel

## Detail F Safety valve

The safety valve is closed

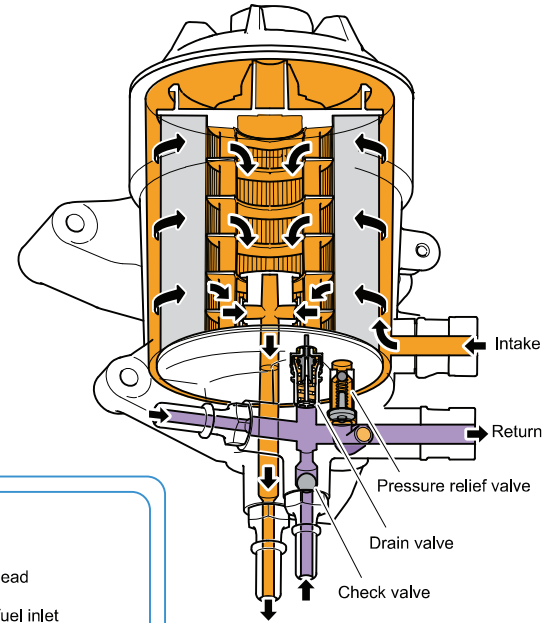


The safety valve is open

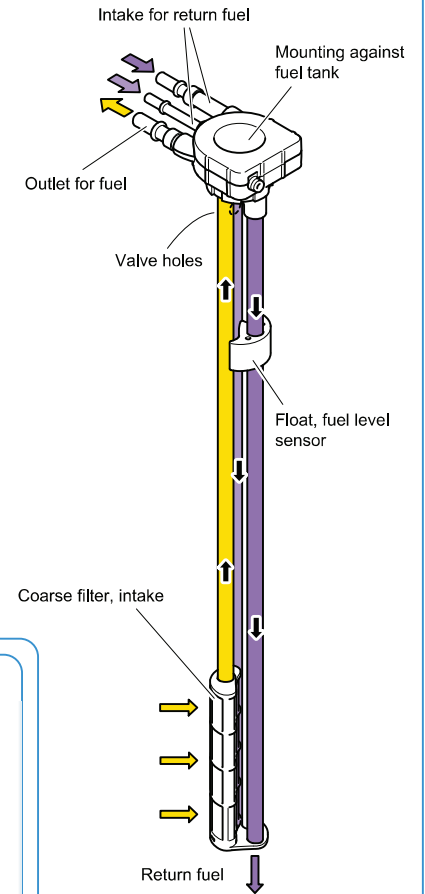


Opening pressure 2,200 bar  
Limp home pressure 700 bar

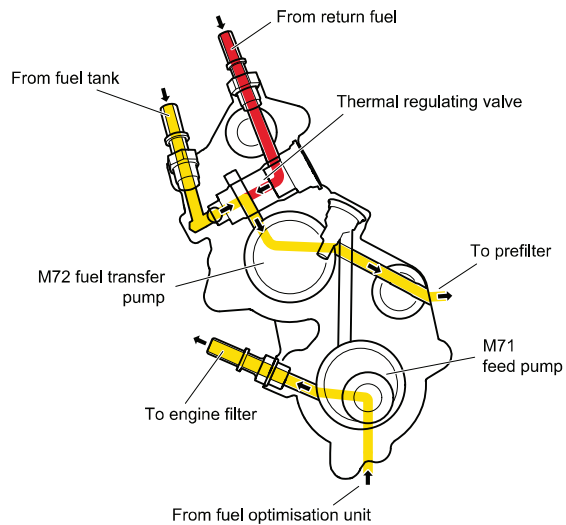
## Detail D Fuel filter housing



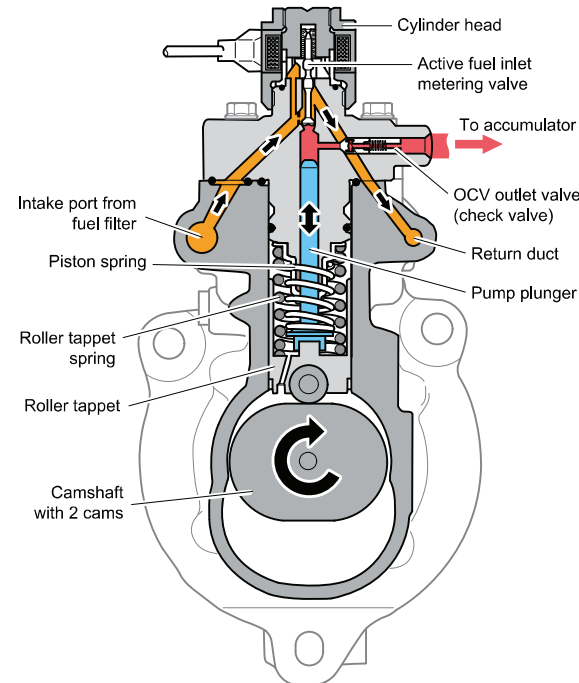
## Detail A T16 fuel pick-up unit



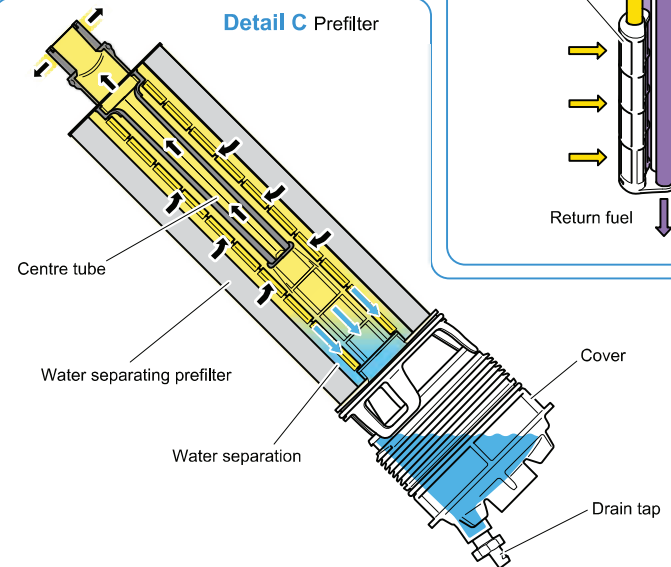
## Detail B Fuel distributor block



## Detail E High pressure pump



## Detail C Prefilter



# XPI FUEL CIRCUIT outline diagram

13 litre engines with cylinder block generation 3

## Key to symbols

- Intake
- Return fuel and air
- 3-8.5 bar
- 500-1,800 bar
- Hot fuel, return
- Hot fuel, return to TRV
  
- ▶ Circulation in the main circuit
- ◀ Circulation in return circuit
- (M) Drive via engine
- (E) Electric drive
- (W) Water detector
- ◇ Filter
- ◇ Strainer

