

## CORRECT FUEL FOR UNIVERSITY FLEET VEHICLES AVOID EXPENSIVE REPAIRS

The University Vehicle Fleet has recently had several cars filled with incorrect fuel. This has caused **SERIOUS ENGINE DAMAGE** to those vehicles which resulted in costly repair bills.

'Misfuelling' seems to be associated particularly with the recent growth in diesel car sales – modern diesels are so quiet it's easy to forget you're driving one, particularly if it's a University fleet vehicle car or second family car.

If you've put the wrong fuel in a car, don't turn on the ignition or start the engine as this will circulate the contaminated fuel and certainly risk expensive damage to be caused to the vehicles engine.



**PLEASE REMEMBER  
TO BE AWARE  
& TAKE CARE BEFORE  
REFUELING A VEHICLE**

### POTENTIAL DAMAGE CAN BE VERY EXPENSIVE

Diesel fuel pumps operate on very fine tolerances and are lubricated by the diesel fuel itself.

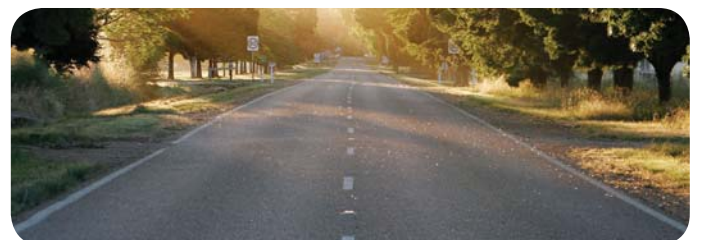
Putting unleaded petrol in diesel acts as a solvent – it reduces lubrication and can cause damage to the pump through metal to metal contact.

Some fuel system seals can be affected by the compounds in petrol too.

The further the contaminated petrol goes in the system the more expensive the repair – it can be cheaper in more extreme cases to fit a new engine.

The newer common rail (or HDi) diesel engines are particularly vulnerable – if fuel contaminated by pump wear debris gets as far as the common rail system you may have to replace the low and high-pressure fuel pumps, injectors, fuel rail, line filters and the fuel tank too.

Many systems use a low-pressure electric pump in the tank or sender unit and this begins to work as soon as the ignition is switched on, circulating the contaminated fuel through the pump and rail – so it's important not to turn the ignition on.



## DIESEL IN PETROL

Do not turn on the ignition or start the car

This is less common because most passenger cars use unleaded fuel, and fewer use diesel.

Generally a small amount of incorrect fuel should not damage the engine as long as you have **NOT STARTED** the car top up fully with petrol.

If you mistakenly refuel a vehicle with the incorrect fuel -

**DO NOT DRIVE IT** call the RACT, they will arrange recovery of the vehicle and please also advise the Vehicle Fleet officers.

**PLEASE BE AWARE OF THESE STICKERS WHICH HAVE BEEN PLACED NEAR THE FUEL CAP ON ALL UNIVERSITY VEHICLES.**



## CONTACTS

### Hobart

Vehicle Fleet  
University of Tasmania  
Private Bag 15  
HOBART TAS 7001

Phone: (03) 6226 2692  
Fax: (03) 6226 1777

### Launceston

Vehicle Fleet  
University of Tasmania  
Locked Bag 1366  
LAUNCESTON TAS 7250

Phone: (03) 6324 3796  
Fax: (03) 6324 3013

All University of Tasmania vehicles have RACT Roadside coverage.

Should you require this assistance at any time please call the number below.

Call - 1800 674 654

If the phone operator asks for the vehicles registration please quote the University of Tasmania's membership number instead.

Member Number - 287 397



*Help when you need it most.*  
**ROADSIDE**