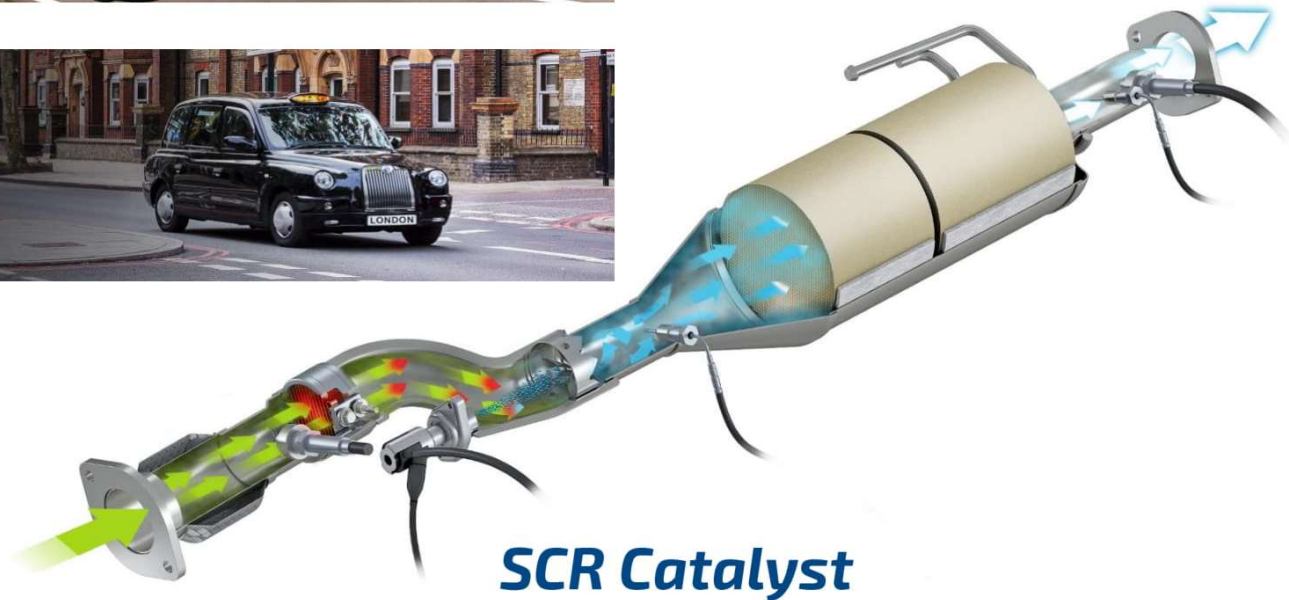


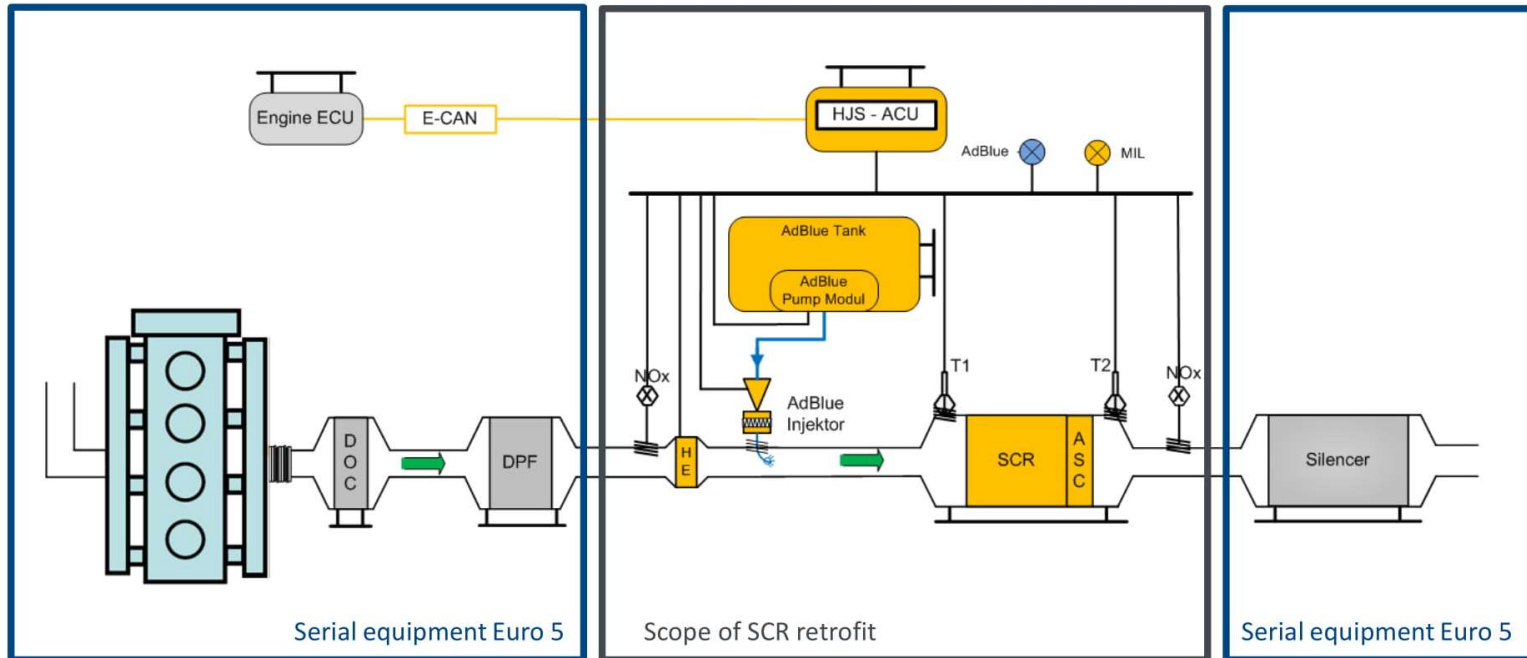
# *Retrofit SCR Technology for Euro 5 Light Commercials / Passenger Cars*



## HJS System Design



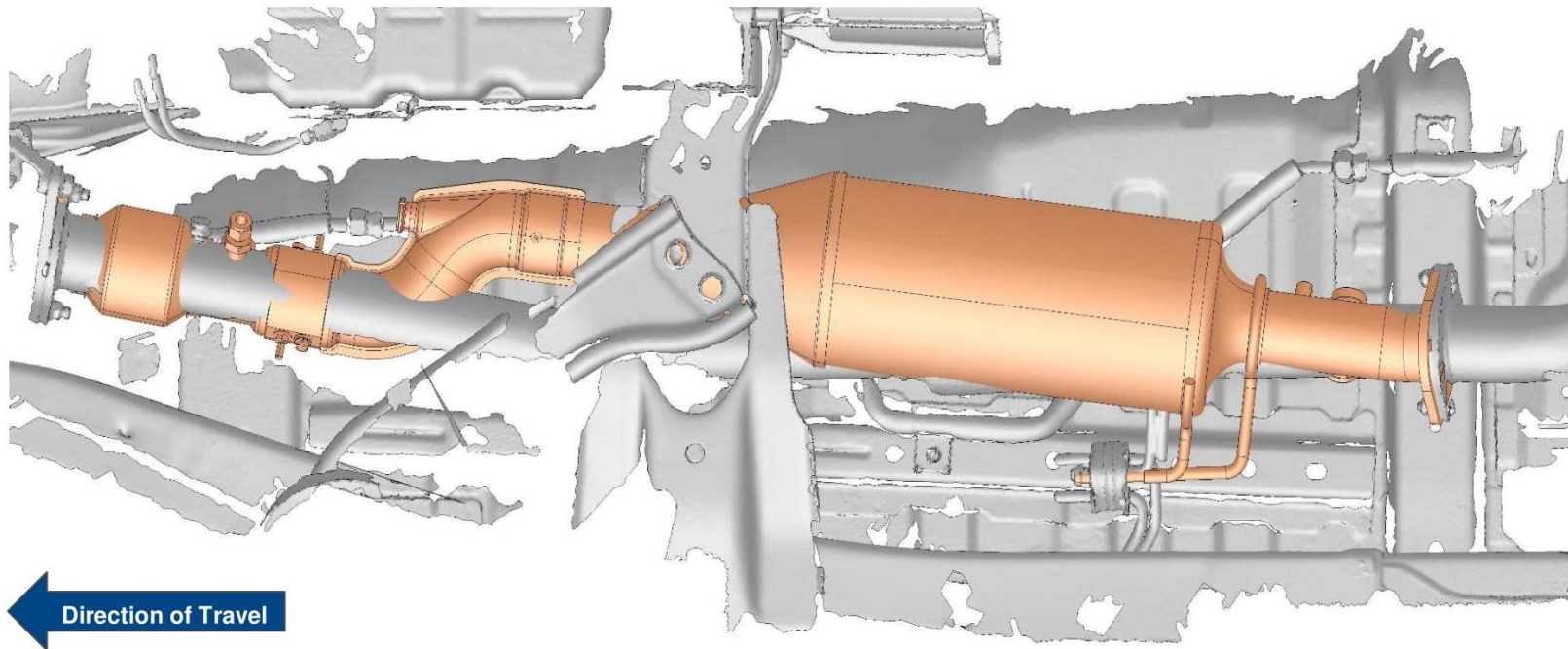
## System Diagram



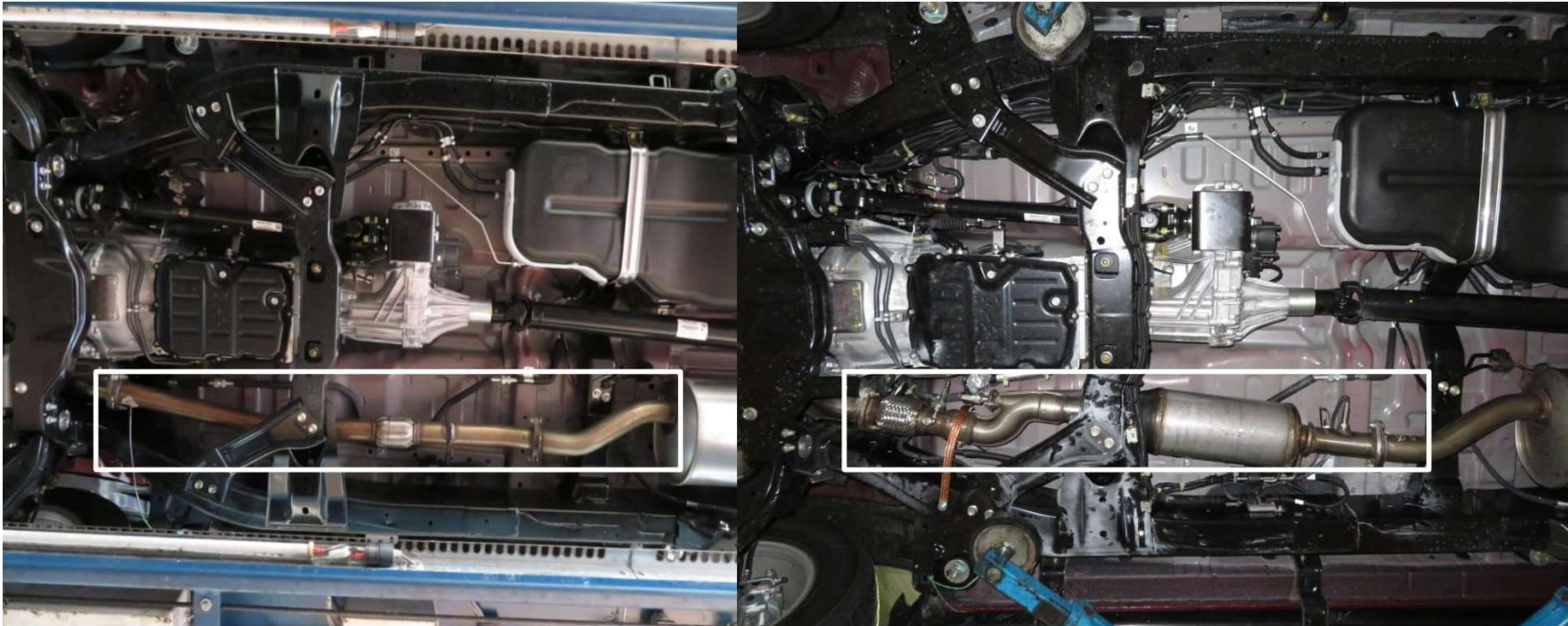
- Euro V vehicles are already equipped with closed coupled DOC and DPF
- SCR catalyst and if required, heating element together with sensors arranged underfloor upstream silencer
- AdBlue tank, dosing system as well as aftertreatment control unit (ACU) as additional components



## SCR Catalyst Underfloor Configuration



## Pre and Post Retrofit



# System Packaging



NOx sensor  
upstream catalyst

AdBlue injector



Heating element

Mixing device

Flex element

Temperature sensor  
downstream catalyst

NOx sensor  
downstream catalyst



SCR catalyst



Silencer



## Packaging control unit



HJS Aftertreatment control unit (ACU)

- Easy to remove to access vehicle components

Remote Emissions Monitoring

## System Diagnostics

Installation of 2 lamps in the dashboard for MIL (yellow) and refilling AdBlue (blue)





## Packaging urea-tank



Steel tank to be replaced with a plastic tank for volume production



# LCV Application



## LCV Application



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### FURTHER INFORMATION

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We welcome enquiries from fleet operators and private individuals. Please contact us using the details below, or go directly to [Cybrand.co.uk/euro6retrofit](http://Cybrand.co.uk/euro6retrofit)  
Cybrand AEC Ltd, Building 90 Thornton Science Park, Pool Lane, Ince, Chester CH2 4NU T. 01244 568915 E. [sales@cybrand.co.uk](mailto:sales@cybrand.co.uk) W. [cybrand.co.uk](http://cybrand.co.uk)