OPEL SUPPORTS THE TRANSATLANTIC TRADE AND INVESTMENT PARTNERSHIP – TTIP
US-REGULATION – REGULATORY OBSTACLES
NEW ADDITIONAL ROOF STRUCTURE NEEDED BECAUSE OF HIGHER ROLL-OVER REGULATIONS FOR US NEW FUEL FILLER NEEDED BECAUSE OF HIGHER REAR IMPACT AND FUEL EMISSION REGULATIONS FOR US
NEW FRONT AND REAR BUMPER NEEDED BECAUSE OF US LICENSE PLATE REQUIREMENTS
NEW WIPERSYSTEM NEEDED BECAUSE OF DIFFERENT WIPE-FIELD REQUIREMENTS FOR US
NEW INFOTAINMENT POSITION/SYSTEM NEEDED BECAUSE OF UNBELTED PASSENGER REQUIREMENTS (KNEE IMPACT ZONES & KNEE AIRBAG)
NEW FRONT RAIL DESIGN NECESSARY BECAUSE OF DIFFERENT CRASH MANAGEMENT NEEDED TO ADDRESS THE UNBELTED PASSENGER
US-REGULATION – REGULATORY OBSTACLES
EXAMPLES OF SPECIFIC REGULATION IN EUROPE

- Explosives in Airbags
- Pedestrian protection
- Driver visibility
- Telltales and gauges (Symbols vs. text)
- Minimal radia on interior parts
- Seats (head rest stiffness)
- Protection from cargo
- Minimum radia on exterior parts
- Center 3-point belt
- Radiofrequencies
- Languages
- Mirrors (visibility)
- Noise emissions
- CO₂ Targets
- Toxic Emissions (US does not cover all EU regs)
Pedestrian protection

All front components need to be checked and potentially modified in view of stringent pedestrian protection requirements.

EU SPECIFIC REGULATION
Mirrors

EUROPE

Opel Insignia

US

Buick Regal

Optical properties of mirror glass

Etched writing
(not feasible in EU)

VARIATIONS WITHOUT OBVIOUS SAFETY GAINS
Symbols vs. Text

Mandatory symbols

Text (not feasible in EU but required in U.S.)

VARIATIONS WITHOUT OBVIOUS SAFETY GAINS
EUROPE

• Stricter requirements for light distribution
• Innovative lighting systems possible

US

• Weaker requirements for light distribution
• Innovative lighting systems not allowed

EU WITH STRICTER REQUIREMENTS BUT OPEN FOR INNOVATIVE SOLUTIONS
Pass-by Noise

STRicter Target VALUES IN EU