



Allegato CSACI al Certificato di Accreditamento 0049ISP
Annex CSACI to the Accreditation Certificate 0049ISP

RILASCIATO A
ISSUED TO **CSI S.p.A.**

REVISIONE
REVISION **001**

DATA DI REVISIONE
REVIEW DATE **22-02-2023**

DATA DI SCADENZA
EXPIRY DATE **17-06-2025**

Ispezione di Tipo A nei seguenti settori:

Category	Field	Subfield	Range	Stage
Servizio Prodotto	Automotive	<ul style="list-style-type: none"> - Categoria M - Veicoli a motore destinati al trasporto di persone con almeno quattro ruote - Categoria N - Veicoli a motore destinati al trasporto di merci con almeno quattro ruote - Categoria L - Motocicli, tricicli, quadricicli 	<ul style="list-style-type: none"> - Ispezioni su veicoli completi - Ispezioni su componenti 	<ul style="list-style-type: none"> - Precedentemente l'utilizzo del prodotto - Durante l'utilizzo del prodotto

Requirements

Components: Lighting devices

- POP-ISP LAMP-1 Motor Vehicle Headlamps Emitting an Asymmetrical Passing Beam and/or a Driving Beam and Equipped with Filament Lamps of Categories R2 and/or HS1. Uniform Provisions Concerning the Approval of: Incandescent Electric Lamps for Headlamps Emitting an Asymmetrical Passing Beam or a Driving Beam or Both.
- POP-ISP LAMP-2 Retro-reflecting Devices for Power-driven Vehicles and their Trailers
- POP-ISP LAMP-3 Devices for the Illumination of Rear Registration Plates of Power-driven Vehicles and their Trailers
- POP-ISP LAMP-4 Power-Driven Vehicle's Sealed Beam Headlamps (SB) Emitting a European Asymmetrical Passing Beam or a Driving Beam or Both
- POP-ISP LAMP-5 Direction Indicators for Power-driven Vehicles and their Trailers
- POP-ISP LAMP-6 Front and Rear Position Lamps, Stop-lamps and End-outline Marker Lamps for Motor Vehicles and their Trailers
- POP-ISP LAMP-7 Motor Vehicle Headlamps Emitting an Asymmetrical Passing Beam or a Driving Beam or Both and Equipped with Halogen Filament Lamps (H1, H2, H3, HB3, HB4, H7, H8, H9, HIR1, HIR2 and/or H11)
- POP-ISP LAMP-8 Power-driven Vehicle Front Fog Lamps
- POP-ISP LAMP-9 Motor Vehicle Headlamps Emitting an Asymmetrical Passing Beam or a Driving Beam or Both and Equipped with Halogen Filament Lamps (H4 Lamps)
- POP-ISP LAMP-10 Reversing and Manoeuvring Lamps for Power-driven Vehicles and their Trailers
- POP-ISP LAMP-11 Power-driven Vehicle's Halogen Sealed Beam Headlamps (HSB) Emitting a European Asymmetrical Passing Beam or a Driving Beam or Both
- POP-ISP LAMP-12 Filament Lamps for Use in Approved Lamp Units of Power-driven Vehicles and of their Trailers
- POP-ISP LAMP-13 Rear Fog Lamps for Power-driven Vehicles and their Trailers
- POP-ISP LAMP-14 Headlamp Cleaners and of Power-driven Vehicles with Regard to Headlamp Cleaners
- POP-ISP LAMP-15 Headlamps for Mopeds and Vehicles Treated as such
- POP-ISP LAMP-16 Headlamps for Motorcycles and Vehicles Treated as such
- POP-ISP LAMP-17 Motor Cycle Headlamps Emitting an Asymmetrical Passing Beam and a Driving Beam and Equipped with Halogen Lamps (HS1 Lamps)
- POP-ISP LAMP-18 Headlamps for Mopeds Emitting a Driving Beam and a Passing Beam
- POP-ISP LAMP-19 Parking Lamps for Power-driven Vehicles
- POP-ISP LAMP-20 Rear-view Mirrors of Two-wheeled Power-driven Vehicles with or without Side Car, with Regard to the Mounting of Rear-view Mirrors on Handlebars
- POP-ISP LAMP-21 Moped Headlamps Equipped with Filament Halogen Lamps (HS2)
- POP-ISP LAMP-22 Daytime Running Lamps for Power-driven Vehicles
- POP-ISP LAMP-23 Motor Vehicle Headlamps Equipped with Gas-discharge Light Sources

Allegato CSACI al Certificato di Accreditamento 0049ISP
Annex CSACI to the Accreditation Certificate 0049ISP

RILASCIATO A
ISSUED TO **CSI S.p.A.**

REVISIONE
REVISION **001**

DATA DI REVISIONE
REVIEW DATE **22-02-2023**

DATA DI SCADENZA
EXPIRY DATE **17-06-2025**

- POP-ISP LAMP-24 Gas-discharge Light Sources for Use in Approved Gas-discharge Lamp Units of Power-driven Vehicles
- POP-ISP LAMP-25 Motor Vehicles Headlamps Emitting an Asymmetrical Passing Beam or a Driving Beam or Both and Equipped with Filament Lamps and/or Light-Emitting Diode (LED) Modules
- POP-ISP LAMP-26 Motor Vehicle Headlamps Emitting a Symmetrical Passing Beam or a Driving Beam or Both and Equipped with Filament, Gas-discharge Light Sources or LED Modules
- POP-ISP LAMP-27 Cornering Lamps for Power-driven Vehicles
- POP-ISP LAMP-28 Adaptive Front-lighting Systems (AFS) for Motor Vehicles

Components: Glazing

- POP-ISP GLASS-1 Safety Glazing Materials and their Installation on Vehicles

Components: VAS and Immobilizers

- POP-ISP VAS-1 Vehicle Alarm Systems (VAS) and of Motor Vehicles with Regard to their Alarm Systems (AS)
- POP-ISP VAS-2 Protection of Motor Vehicles Against Unauthorised Use
- POP-ISP VAS-3 Immobilizers and Vehicle with regard to its Immobilizer
- POP-ISP VAS-4 Vehicle Alarm System and Vehicle with regard to its Vehicle Alarm System

Components: Electromagnetic compatibility

- POP-ISP EMC-1 Vehicles with Regards to Electromagnetic Compatibility

Components: Safety belts

- POP-ISP SB-1 I. Safety Belts, Restraint Systems, Child Restraint Systems and ISOFIX Child Restraint Systems for Occupants of Power-driven Vehicles;

Components: Brake drums and linings

- POP-ISP BRD-1 Replacement Brake Lining Assemblies, Drum Brake Linings and Discs and Drums for Power-driven Vehicles and their Trailers

Components: Emissions

- POP-ISP EM-1 I The Approval of Compression Ignition (C.I.) Engines with Regard to the Emission of Visible Pollutants; II The Approval of Motor Vehicles with Regard to the Installation of C.I. Engines of an Approved Type; III The Approval of Motor Vehicles Equipped with C.I. Engines with Regard to the Emissions of Visible Pollutants by the Engine; IV The Measurement of Power of C.I. Engine
- POP-ISP EM-2 Measures to be Taken Against the Emission of Gaseous and Particulate Pollutants from Compression-ignition Engines and Positive-ignition Engines for Use in Vehicles
- POP-ISP EM-3 I. Specific LPG (Liquefied Petroleum Gases) Retrofit Systems to be Installed in Motor Vehicles for the Use of LPG in their Propulsion System; II. Specific CNG (Compressed Natural Gas) Retrofit Systems to be Installed in Motor Vehicles for the Use of CNG in their Propulsion System

Vehicles: Category M-N-O

- POP-ISP MNO-1 Vehicles with Regards to Electromagnetic Compatibility
- POP-ISP MNO-2 Vehicles of Categories M, N and O with Regards to Braking
- POP-ISP MNO-3 Passenger Cars with Regard to Braking
- POP-ISP MNO-4 Vehicles Equipped with a Positive-Ignition Engine or with a Compression-ignition Engine with Regard to the Emission of Gaseous Pollutants by the Engine - Method of Measuring the Power of Positive-ignition Engines - Method of Measuring the Fuel Consumption of Vehicles.
- POP-ISP MNO-5 II. Vehicles Equipped with Safety Belts, Safety Belt Reminder, Restraint Systems, Child Restraint Systems ISOFIX Child Restraint Systems and i-Size Child Restraint Systems
- POP-ISP MNO-6 Motor Vehicles with Regard to their Protection Against Unauthorised Use



Allegato CSACI al Certificato di Accreditamento 0049ISP
Annex CSACI to the Accreditation Certificate 0049ISP

RILASCIATO A
ISSUED TO **CSI S.p.A.**

REVISIONE
REVISION **001**

DATA DI REVISIONE
REVIEW DATE **22-02-2023**

DATA DI SCADENZA
EXPIRY DATE **17-06-2025**

- POP-ISP MNO-7 I The Approval of Compression Ignition (C.I.) Engines with Regard to the Emission of Visible Pollutants; II The Approval of Motor Vehicles with Regard to the Installation of C.I. Engines of an Approved Type; III The Approval of Motor Vehicles Equipped with C.I. Engines with Regard to the Emissions of Visible Pollutants by the Engine; IV The Measurement of Power of C.I. Engine
- POP-ISP MNO-8 Safety Glazing Materials and their Installation on Vehicles
- POP-ISP MNO-9 Measures to be Taken Against the Emission of Gaseous and Particulate Pollutants from Compression-ignition Engines and Positive-ignition Engines for Use in Vehicles
- POP-ISP MNO-10 Vehicles with Regard to their Equipment which may Include: a Temporary Use Spare Unit, Run Flat Tyres and/or a Run Flat System and/or Extended Mobility Tyres
- POP-ISP MNO-11 Power-driven Vehicles Including Pure Electric Vehicles with Regard to the Measurement of the Maximum Speed.
- POP-ISP MNO-12 Vehicles with Regard to Steering Equipment
- POP-ISP MNO-13 Vehicles with Regard to the Emission of Pollutants According to Engine Fuel Requirements
- POP-ISP MNO-14 Passenger Cars Equipped with an Internal Combustion Engine with Regard to the Measurement of Fuel Consumption
- POP-ISP MNO-15 Internal Combustion Engines or Electric Drive Trains Intended for the Propulsion of Motor Vehicles of Categories M and N with Regard to the Measurement of the Netpower and the Maximum 30min Power of Electric Drive Trains
- POP-ISP MNO-16 Vehicle Alarm Systems (VAS) and of Motor Vehicles with Regard to their Alarm Systems (AS)
- POP-ISP MNO-17 Passenger Cars Powered by an Internal Combustion Engine Only, or Powered by a Hybrid Electric Power Train with Regard to the Measurement of the Emission of Carbon Dioxide and Fuel Consumption and/or the Measurement of Electric Energy Consumption and Electric Range, and of Categories M1 and N1 Vehicles Powered by an Electric Power Train Only with Regard to the Measurement of Electric Energy Consumption and Electric Range
- POP-ISP MNO-18 Protection of Motor Vehicles Against Unauthorised Use
- POP-ISP MNO-19 Installation of Tyres
- POP-ISP MNO-20 Installation of Tyres
- POP-ISP MNO-21 Gear Shift Indicators
- POP-ISP MNO-22 Air conditioning - Leakage test procedure
- POP-ISP MNO-23 Air conditioning - Requirements
- POP-ISP MNO-24 Emissions from light passenger and commercial vehicles (Euro 5 and Euro 6)
- POP-ISP MNO-25 Emissions from heavy duty vehicles (Euro VI)
- POP-ISP MNO-26 Light Duty Passenger and Commercial Vehicles with regards to criteria emissions, emissions of carbon dioxide and fuel consumption and/or the measurement of electric energy consumption and electric range (WLTP)
- POP-ISP MNO-27 Alcohol interlock installation facilitation
- POP-ISP MNO-30 Unauthorised Use and Device Against Unauthorised Use

Vehicles: Category L

- POP-ISP L-1 Vehicles with Regards to Electromagnetic Compatibility
- POP-ISP L-2 Motor Vehicles with Regard to their Protection Against Unauthorised Use
- POP-ISP L-3 Uniform Provisions Concerning the Approval of: Motorcycles Equipped with a Positive-ignition Engine with Regard to the Emission of Gaseous Pollutants by the Engine.
- POP-ISP L-4 Safety Glazing Materials and their Installation on Vehicles
- POP-ISP L-5 Mopeds Equipped with a Positive-ignition Engine with Regard to the Emissions of Gaseous Pollutants by the Engine
- POP-ISP L-6 Vehicles of Categories L1, L2, L3, L4 and L5 with Regard to Braking



Allegato CSACI al Certificato di Accreditamento 0049ISP
Annex CSACI to the Accreditation Certificate 0049ISP

RILASCIATO A
ISSUED TO **CSI S.p.A.**

REVISIONE
REVISION **001**

DATA DI REVISIONE
REVIEW DATE **22-02-2023**

DATA DI SCADENZA
EXPIRY DATE **17-06-2025**

Inspection of Type A in the following sectors:

Category	Field	Subfield	Range	Stage
Service Product	Automotive	<ul style="list-style-type: none"> - Categoria M - Motor vehicles for transport of people with at least four wheels - Categoria N - Motor vehicles for transport of goods with at least four wheels - Categoria L - Motorcycles, tricycles and quads 	<ul style="list-style-type: none"> - Inspections of complete vehicles - Inspections of components. 	<ul style="list-style-type: none"> - Inspections carried out prior to the use of the product - Inspections carried out during the use of the product

Requirements

Components: Lighting devices

- POP-ISP LAMP-1 Motor Vehicle Headlamps Emitting an Asymmetrical Passing Beam and/or a Driving Beam and Equipped with Filament Lamps of Categories R2 and/or HS1. Uniform Provisions Concerning the Approval of: Incandescent Electric Lamps for Headlamps Emitting an Asymmetrical Passing Beam or a Driving Beam or Both.
- POP-ISP LAMP-2 Retro-reflecting Devices for Power-driven Vehicles and their Trailers
- POP-ISP LAMP-3 Devices for the Illumination of Rear Registration Plates of Power-driven Vehicles and their Trailers
- POP-ISP LAMP-4 Power-Driven Vehicle's Sealed Beam Headlamps (SB) Emitting a European Asymmetrical Passing Beam or a Driving Beam or Both
- POP-ISP LAMP-5 Direction Indicators for Power-driven Vehicles and their Trailers
- POP-ISP LAMP-6 Front and Rear Position Lamps, Stop-lamps and End-outline Marker Lamps for Motor Vehicles and their Trailers
- POP-ISP LAMP-7 Motor Vehicle Headlamps Emitting an Asymmetrical Passing Beam or a Driving Beam or Both and Equipped with Halogen Filament Lamps (H1, H2, H3, HB3, HB4, H7, H8, H9, HIR1, HIR2 and/or H11)
- POP-ISP LAMP-8 Power-driven Vehicle Front Fog Lamps
- POP-ISP LAMP-9 Motor Vehicle Headlamps Emitting an Asymmetrical Passing Beam or a Driving Beam or Both and Equipped with Halogen Filament Lamps (H4 Lamps)
- POP-ISP LAMP-10 Reversing and Manoeuvring Lamps for Power-driven Vehicles and their Trailers
- POP-ISP LAMP-11 Power-driven Vehicle's Halogen Sealed Beam Headlamps (HSB) Emitting a European Asymmetrical Passing Beam or a Driving Beam or Both
- POP-ISP LAMP-12 Filament Lamps for Use in Approved Lamp Units of Power-driven Vehicles and of their Trailers
- POP-ISP LAMP-13 Rear Fog Lamps for Power-driven Vehicles and their Trailers
- POP-ISP LAMP-14 Headlamp Cleaners and of Power-driven Vehicles with Regard to Headlamp Cleaners
- POP-ISP LAMP-15 Headlamps for Mopeds and Vehicles Treated as such
- POP-ISP LAMP-16 Headlamps for Motorcycles and Vehicles Treated as such
- POP-ISP LAMP-17 Motor Cycle Headlamps Emitting an Asymmetrical Passing Beam and a Driving Beam and Equipped with Halogen Lamps (HS1 Lamps)
- POP-ISP LAMP-18 Headlamps for Mopeds Emitting a Driving Beam and a Passing Beam
- POP-ISP LAMP-19 Parking Lamps for Power-driven Vehicles
- POP-ISP LAMP-20 Rear-view Mirrors of Two-wheeled Power-driven Vehicles with or without Side Car, with Regard to the Mounting of Rear-view Mirrors on Handlebars
- POP-ISP LAMP-21 Moped Headlamps Equipped with Filament Halogen Lamps (HS2)
- POP-ISP LAMP-22 Daytime Running Lamps for Power-driven Vehicles
- POP-ISP LAMP-23 Motor Vehicle Headlamps Equipped with Gas-discharge Light Sources

Allegato CSACI al Certificato di Accreditamento 0049ISP
Annex CSACI to the Accreditation Certificate 0049ISP

RILASCIATO A
ISSUED TO **CSI S.p.A.**

REVISIONE
REVISION **001**

DATA DI REVISIONE
REVIEW DATE **22-02-2023**

DATA DI SCADENZA
EXPIRY DATE **17-06-2025**

- POP-ISP LAMP-24 Gas-discharge Light Sources for Use in Approved Gas-discharge Lamp Units of Power-driven Vehicles
- POP-ISP LAMP-25 Motor Vehicles Headlamps Emitting an Asymmetrical Passing Beam or a Driving Beam or Both and Equipped with Filament Lamps and/or Light-Emitting Diode (LED) Modules
- POP-ISP LAMP-26 Motor Vehicle Headlamps Emitting a Symmetrical Passing Beam or a Driving Beam or Both and Equipped with Filament, Gas-discharge Light Sources or LED Modules
- POP-ISP LAMP-27 Cornering Lamps for Power-driven Vehicles
- POP-ISP LAMP-28 Adaptive Front-lighting Systems (AFS) for Motor Vehicles

Components: Glazing

- POP-ISP GLASS-1 Safety Glazing Materials and their Installation on Vehicles

Components: VAS and Immobilizers

- POP-ISP VAS-1 Vehicle Alarm Systems (VAS) and of Motor Vehicles with Regard to their Alarm Systems (AS)
- POP-ISP VAS-2 Protection of Motor Vehicles Against Unauthorised Use
- POP-ISP VAS-3 Immobilizers and Vehicle with regard to its Immobilizer
- POP-ISP VAS-4 Vehicle Alarm System and Vehicle with regard to its Vehicle Alarm System

Components: Electromagnetic compatibility

- POP-ISP EMC-1 Vehicles with Regards to Electromagnetic Compatibility

Components: Safety belts

- POP-ISP SB-1 I. Safety Belts, Restraint Systems, Child Restraint Systems and ISOFIX Child Restraint Systems for Occupants of Power-driven Vehicles;

Components: Brake drums and linings

- POP-ISP BRD-1 Replacement Brake Lining Assemblies, Drum Brake Linings and Discs and Drums for Power-driven Vehicles and their Trailers

Components: Emissions

- POP-ISP EM-1 I The Approval of Compression Ignition (C.I.) Engines with Regard to the Emission of Visible Pollutants; II The Approval of Motor Vehicles with Regard to the Installation of C.I. Engines of an Approved Type; III The Approval of Motor Vehicles Equipped with C.I. Engines with Regard to the Emissions of Visible Pollutants by the Engine; IV The Measurement of Power of C.I. Engine
- POP-ISP EM-2 Measures to be Taken Against the Emission of Gaseous and Particulate Pollutants from Compression-ignition Engines and Positive-ignition Engines for Use in Vehicles
- POP-ISP EM-3 I. Specific LPG (Liquefied Petroleum Gases) Retrofit Systems to be Installed in Motor Vehicles for the Use of LPG in their Propulsion System; II. Specific CNG (Compressed Natural Gas) Retrofit Systems to be Installed in Motor Vehicles for the Use of CNG in their Propulsion System

Vehicles: Category M-N-O

- POP-ISP MNO-1 Vehicles with Regards to Electromagnetic Compatibility
- POP-ISP MNO-2 Vehicles of Categories M, N and O with Regards to Braking
- POP-ISP MNO-3 Passenger Cars with Regard to Braking
- POP-ISP MNO-4 Vehicles Equipped with a Positive-Ignition Engine or with a Compression-ignition Engine with Regard to the Emission of Gaseous Pollutants by the Engine - Method of Measuring the Power of Positive-ignition Engines - Method of Measuring the Fuel Consumption of Vehicles.
- POP-ISP MNO-5 II. Vehicles Equipped with Safety Belts, Safety Belt Reminder, Restraint Systems, Child Restraint Systems ISOFIX Child Restraint Systems and i-Size Child Restraint Systems
- POP-ISP MNO-6 Motor Vehicles with Regard to their Protection Against Unauthorised Use



Allegato CSACI al Certificato di Accreditamento 0049ISP
Annex CSACI to the Accreditation Certificate 0049ISP

RILASCIATO A
ISSUED TO **CSI S.p.A.**

REVISIONE
REVISION **001**

DATA DI REVISIONE
REVIEW DATE **22-02-2023**

DATA DI SCADENZA
EXPIRY DATE **17-06-2025**

- POP-ISP MNO-7 I The Approval of Compression Ignition (C.I.) Engines with Regard to the Emission of Visible Pollutants; II The Approval of Motor Vehicles with Regard to the Installation of C.I. Engines of an Approved Type; III The Approval of Motor Vehicles Equipped with C.I. Engines with Regard to the Emissions of Visible Pollutants by the Engine; IV The Measurement of Power of C.I. Engine
- POP-ISP MNO-8 Safety Glazing Materials and their Installation on Vehicles
- POP-ISP MNO-9 Measures to be Taken Against the Emission of Gaseous and Particulate Pollutants from Compression-ignition Engines and Positive-ignition Engines for Use in Vehicles
- POP-ISP MNO-10 Vehicles with Regard to their Equipment which may Include: a Temporary Use Spare Unit, Run Flat Tyres and/or a Run Flat System and/or Extended Mobility Tyres
- POP-ISP MNO-11 Power-driven Vehicles Including Pure Electric Vehicles with Regard to the Measurement of the Maximum Speed.
- POP-ISP MNO-12 Vehicles with Regard to Steering Equipment
- POP-ISP MNO-13 Vehicles with Regard to the Emission of Pollutants According to Engine Fuel Requirements
- POP-ISP MNO-14 Passenger Cars Equipped with an Internal Combustion Engine with Regard to the Measurement of Fuel Consumption
- POP-ISP MNO-15 Internal Combustion Engines or Electric Drive Trains Intended for the Propulsion of Motor Vehicles of Categories M and N with Regard to the Measurement of the Netpower and the Maximum 30min Power of Electric Drive Trains
- POP-ISP MNO-16 Vehicle Alarm Systems (VAS) and of Motor Vehicles with Regard to their Alarm Systems (AS)
- POP-ISP MNO-17 Passenger Cars Powered by an Internal Combustion Engine Only, or Powered by a Hybrid Electric Power Train with Regard to the Measurement of the Emission of Carbon Dioxide and Fuel Consumption and/or the Measurement of Electric Energy Consumption and Electric Range, and of Categories M1 and N1 Vehicles Powered by an Electric Power Train Only with Regard to the Measurement of Electric Energy Consumption and Electric Range
- POP-ISP MNO-18 Protection of Motor Vehicles Against Unauthorised Use
- POP-ISP MNO-19 Installation of Tyres
- POP-ISP MNO-20 Installation of Tyres
- POP-ISP MNO-21 Gear Shift Indicators
- POP-ISP MNO-22 Air conditioning - Leakage test procedure
- POP-ISP MNO-23 Air conditioning - Requirements
- POP-ISP MNO-24 Emissions from light passenger and commercial vehicles (Euro 5 and Euro 6)
- POP-ISP MNO-25 Emissions from heavy duty vehicles (Euro VI)
- POP-ISP MNO-26 Light Duty Passenger and Commercial Vehicles with regards to criteria emissions, emissions of carbon dioxide and fuel consumption and/or the measurement of electric energy consumption and electric range (WLTP)
- POP-ISP MNO-27 Alcohol interlock installation facilitation
- POP-ISP MNO-30 Unauthorised Use and Device Against Unauthorised Use

Vehicles: Category L

- POP-ISP L-1 Vehicles with Regards to Electromagnetic Compatibility
- POP-ISP L-2 Motor Vehicles with Regard to their Protection Against Unauthorised Use
- POP-ISP L-3 Uniform Provisions Concerning the Approval of: Motorcycles Equipped with a Positive-ignition Engine with Regard to the Emission of Gaseous Pollutants by the Engine.
- POP-ISP L-4 Safety Glazing Materials and their Installation on Vehicles
- POP-ISP L-5 Mopeds Equipped with a Positive-ignition Engine with Regard to the Emissions of Gaseous Pollutants by the Engine
- POP-ISP L-6 Vehicles of Categories L1, L2, L3, L4 and L5 with Regard to Braking