

> Constellation
> Heritage
> 4700 Models
> 4800 Models
> 4900 Models

> 49X Models
> 5700 Models
> 5900 Models
> 6900 Models

**Western Star
Service Bulletin**

Cleaning Basics

The following guidelines are for cleaning and disinfecting commonly touched surfaces on the inside and outside of a vehicle.

For best results, follow cleaning and disinfecting procedures fully and consistently. Ensure there is adequate ventilation when using chemicals.

- Doors and windows should remain open when cleaning inside the vehicle.
- When cleaning and disinfecting, individuals should wear disposable gloves compatible with the products being used as well as any other personal protective equipment (PPE) required according to the product manufacturer's instructions and the safety data sheet (SDS).
- Gloves and any other disposable PPE used for cleaning and disinfecting the vehicle should be removed and disposed of after use.
- Wash hands with soap and water for at least 20 seconds immediately after removal of gloves and PPE, or use an alcohol-based hand sanitizer with at least 60% alcohol.

Cleaning High-Touch Surfaces

NOTICE

NOTICE: Wipe down fragile components carefully to avoid damaging the vehicle.

If the vehicle contains a touch screen, follow the manufacturer's instructions for cleaning and disinfecting it. If manufacturer guidance is unavailable, spray a lint-free cloth with a mix of at least 70% isopropyl alcohol and distilled water and gently wipe down the screen and then dry it with a clean cloth. Do not directly spray the screen or any other device in the vehicle. Do not use soap and water on a touch screen.

If an interior high-touch surface is visibly dirty, clean it with a mild detergent or soap and water before applying disinfectant. Liquid detergent or a mild dishwashing liquid is recommended.

All exterior high-touch surface should be cleaned with soap and water before applying disinfectant.

Interior high-touch surfaces include, but are not limited to, the following:

- grab handles
- seats
- arm rests
- steering wheel
- shift knob
- door handles
- seat belt buckles
- light and air controls
- doors and windows

Exterior high-touch surfaces include, but are not limited to, the following:

- grab handles
- door handles

Western Star Service Bulletin

> Constellation
> Heritage
> 4700 Models
> 4800 Models
> 4900 Models

> 49X Models
> 5700 Models
> 5900 Models
> 6900 Models

- hood latches and handles
- trailer glad hands

NOTE: Depending on how a vehicle is used, it may be helpful to create an inclusive checklist of high-touch surfaces to regularly clean.

To clean surfaces, soak a microfiber cloth with a detergent/water solution and wipe down high-touch areas. Allow the detergent water/solution to sit on the surface for 20-30 seconds before using a fresh microfiber cloth slightly dampened with water to remove it.

After this soap and water wash, Western Star recommends the use of either a dilutable or ready to use quaternary ammonium based disinfectant on vehicle interior and exterior surfaces.

Examples of either a dilutable or ready to use quaternary ammonium based disinfectant include:

- Lysol® Deodorizing Disinfectant Cleaner
- Fantastik® Disinfectant Multi-Purpose Cleaner
- Hillyard Vindicator®+ Disinfectant

A database of disinfectants that meet the EPA's criteria for use against SARS-CoV2, which includes both quaternary ammonium based disinfectants and others, can be found at [EPA Registered Antimicrobial Products for use against the Novel Coronavirus SARS-CoV-2](https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2) (<https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>).

IMPORTANT: Follow the manufacturer's instructions for using a disinfectant as these vary by product.

Western Star recommends applying the disinfectant solution to a microfiber cloth and then wiping down high-touch areas. Take care to fully wet surfaces with the disinfectant, and ensure that it remains wet for the period of time stipulated by the disinfectant manufacturer to effectively disinfect the surface. Afterwards, if necessary, wipe off excess disinfecting solution with a new clean cloth.

Any disinfectant dispensed by a pressurized aerosol container is not recommended. The direct spray of liquids onto the vehicle's interior panels, electronic components, or permeable materials is not recommended.

Chemicals to Avoid

Western Star vehicles should **not** be cleaned or disinfected with products that contain the following chemicals:

- hydrogen peroxide
- sodium chlorite
- sodium hypochlorite (chlorine bleach)
- glycol acid
- octanoic acid
- hypochlorous acid
- silicone

Warranty

This is an informational bulletin only. Warranty does not apply.