



FIFTH GENERATION CASCADIA

QUICK RELEASE GRILLE GUARD

THREE LEVELS OF PROTECTION

One G5-specific platform. Three protection configurations. Quick Release access engineered around the new Cascadia front end.

UPFRONT ARMOUR FOR THE JOURNEY AHEAD.

ALI ARC INDUSTRIES | G5 CASCADIA QUICK RELEASE GRILLE GUARD





G5 PRODUCT FAMILY

ONE PLATFORM. THREE LEVELS OF PROTECTION.

Ali Arc's new G5 Cascadia grille guard family gives fleets a choice of protection levels while retaining a common design philosophy: aluminum construction, G5-specific geometry and Quick Release access.

AAI FLB003BQ



BASE

Essential front and corner coverage.

LEVEL 1

AAI FLB003LQ



INTERMEDIATE

Added center protection for the grille area.

LEVEL 2

AAI FLB003FQ



ELITE

Maximum coverage in the three-level G5 grille guard family.

LEVEL 3



PROTECTION OPTIONS

CHOOSE THE COVERAGE THAT FITS THE APPLICATION

BASE

COVERAGE

Front cross-member and wrap-around corner protection

CENTER SECTION

Open center profile

ACCESS

Quick Release

INTERMEDIATE

COVERAGE

Base coverage plus raised center hoop

CENTER SECTION

Additional grille-area coverage

ACCESS

Quick Release

ELITE

COVERAGE

Intermediate coverage plus center horizontal member

CENTER SECTION

Highest grille-area coverage of the three

ACCESS

Quick Release

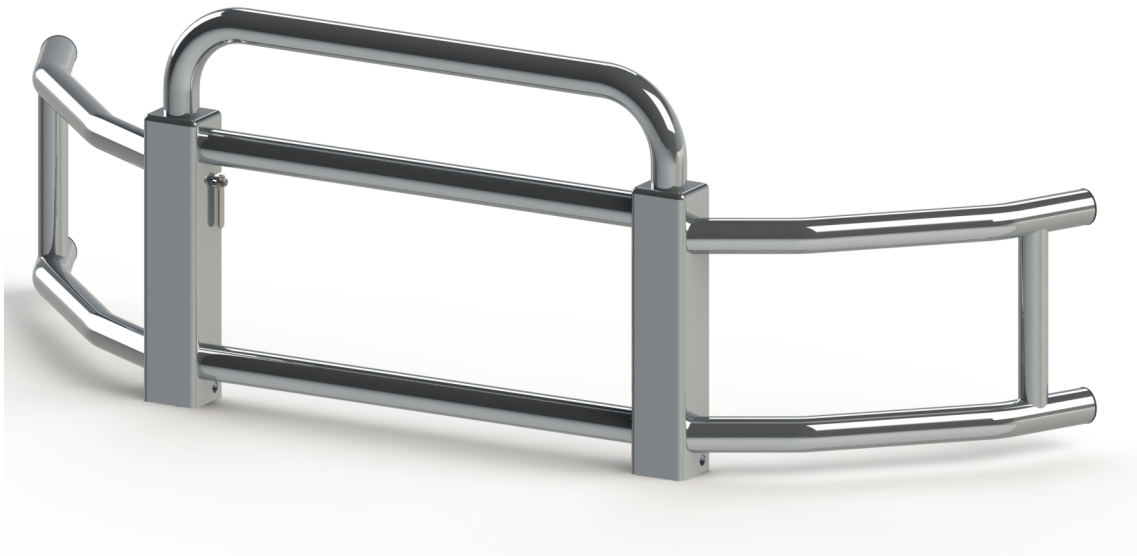
SAME G5-SPECIFIC FIT. DIFFERENT LEVELS OF FRONT-END COVERAGE.

Select the protection level that matches fleet duty cycle, route exposure and operating environment.



QUICK RELEASE

PROTECTION WITHOUT SACRIFICING ACCESS



QUICK RELEASE SYSTEM

FAST. SIMPLE. SERVICEABLE.

The G5 grille guard family incorporates Ali Arc's Quick Release concept so the guard can be released when front-end access is required.

● G5-SPECIFIC MOUNTING

Developed for the Fifth Generation Cascadia front-end package.

● REPEATABLE ACCESS

Designed for practical release and re-securement during service.

● THREE PROTECTION LEVELS

The same Quick Release philosophy across Base, Intermediate and Elite configurations.



G5 ENGINEERING

DESIGNED AROUND THE NEW CASCADIA



THE G5 CHANGED THE DESIGN ENVELOPE

The Fifth Generation Cascadia introduced new front-end geometry, lighting, airflow and advanced safety-system packaging. Ali Arc developed the grille guard around those constraints rather than carrying forward a previous-generation shape.

HEADLAMP CLEARANCE

Wrap-around geometry follows the G5 headlamp and hood contours.

SENSING ZONES

Open areas are maintained around critical front-end sensing locations.

AIRFLOW

The guard remains open across the grille and lower front-end airflow paths.

THREE COVERAGE LEVELS

Fleets can increase grille-area protection without changing the underlying G5-specific concept.



ALI ARC INDUSTRIES

BUILT FOR FLEETS. BUILT FOR THE G5.

AAI FL003BQ



AAI FL003LQ



AAI FL003FQ



THREE LEVELS. ONE QUICK RELEASE PLATFORM.

From essential front-end coverage to the highest protection level in the G5 grille guard family, Ali Arc gives Cascadia fleets a purpose-built aluminum solution with service access engineered into the design.

ALUMINUM EXPERTISE

More than 30 years of aluminum front-end protection experience.

NORTH AMERICAN MANUFACTURING

Manufactured in Winnipeg, Manitoba, Canada.

QUALITY MANAGEMENT

ISO 9001-certified manufacturing environment.

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