



G-FORCE™



CVT BELTS BUILT FOR THE TOUGHEST TRAILS



G-FORCE™ PRODUCT LINES

Gates G-Force is an entire family of superior CVT belts engineered for the most demanding conditions – providing an OE-Perfect Fit with matching shift curves & pulley speed ratios.

G-Force drive belts are made in the USA, field-tested, and trusted within the toughest conditions to bring durability, simplicity, performance, and value to your off-road adventures.

G-Force RedLine™

Developed from the most advanced materials, extensively lab and field-tested, Gates G-Force RedLine CVT belts are engineered to handle the wildest rides required for the dunes, deserts, mountains, and race-day.

Built to withstand extreme friction, severe compressive force, and excessive heat created from high-acceleration, frequent back-shifting, and heavy loads.

- Delivers 75% greater dynamic axial stiffness on average, up to 50% lower speed losses and better recovery from temperatures up to 170°C (338°F) without power loss.
- Best within extreme off-road environments: better acceleration, higher top speed, less speed ratio & energy loss
- Greater heat resistance & recovery – even under severe duty cycles
- Extremely fatigue resistant
- Improved durability, crack & wear-resistance

G-Force WorkHorse™

Our newest Gates G-Force WorkHorse CVT belt, is engineered to handle the toughest tasks and trails.

- Up to 2x the life of the G-Force Belt
- 45% increased heat tolerance
- Power for hauling heavy loads across aggressive terrain
- Improved durability, crack & wear-resistance





WHAT'S THE RIGHT CVT BELT FOR ME?

UTV/ATV/SNOWMOBILE VEHICLE TYPE

Low-range engine size,
stock vehicle (≈150-399cc)

Mid-range engine size,
stock vehicle (≈400-799cc)

High-range engine size,
stock vehicle (≈800-1100cc)

Extremely high-range engine size,
stock vehicle (up to 1300cc)

Extensive aftermarket vehicle/engine
modifications/turbo-charging

G-FORCE WORKHORSE CVT BELT

G-FORCE REDLINE CVT BELT

G-Force RedLine was specifically designed for
these newer vehicles and turbo options





SUPPORT MATERIAL

ELIMINATE BELT FAILURES, INCREASE BELT LIFE & PERFORMANCE

Proper Clutching -#1 Cause of Failures

- Verify clutches are properly tuned for vehicle modifications to include, added weight-(cage, accessories, storage boxes), increased tyre size/style-(Paddles, Mud Tread)/weight, terrain, and riding style. Any increases in overall weight of vehicle and tyre size beyond original manufactured design will need to be re-clutched.

Proper Belt Break In

- Always perform proper new belt break-in procedure after installation to seat the belt, allowing extra time when performing heat cycles in very cold conditions.

Proper Belt Handling

- Never back-bend or crimp a CVT belt; never turn a CVT belt inside out; do not pry on belt during installation. Always store in its original shape.

Clutch System Inspection and Maintenance

- Inspect primary and secondary clutches for any defects and ensure proper alignment; always prep clutches prior to belt installation and follow proper belt break-in procedure.
- Verify clutch sheaves and belt are clean and free of contaminants; examine rollers, helix and bushings for signs or wear and replace if necessary.
- Always drive in appropriate gear range for terrain and conditions.



**DO NOT
BACKBEND**



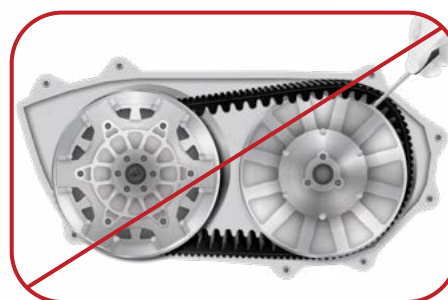
**DO NOT
CRIMP**



**DO NOT
FLATTEN BELT**



**DO NOT
INVERT**



DO NOT PRY ON



IMPORTANT Clutch Tuning

Seek professional help in most cases due to special tools required when working on clutches.

We recommend the customer contact a clutch kit specialty manufacturer or take the vehicle to a power sports shop that does clutch tuning.



SUPPORT MATERIAL

WARRANTY FORM



GATES G-FORCE WORKHORSE VIDEO



BELT INSTALLATION VIDEO



BREAK IT IN TECH TIP



GATES G-FORCE REDLINE VIDEO



BELT STORAGE AND HANDLING VIDEO



BELT FAILURE ANALYSIS



DON'T BREAK IT, BREAK IT IN VIDEO



NAVIGATES



BROCHURE

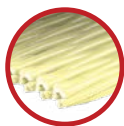


CLEAN THE CLUTCHES VIDEO





DRIVEN BY POSSIBILITY™



High Tensile Aramid Cord

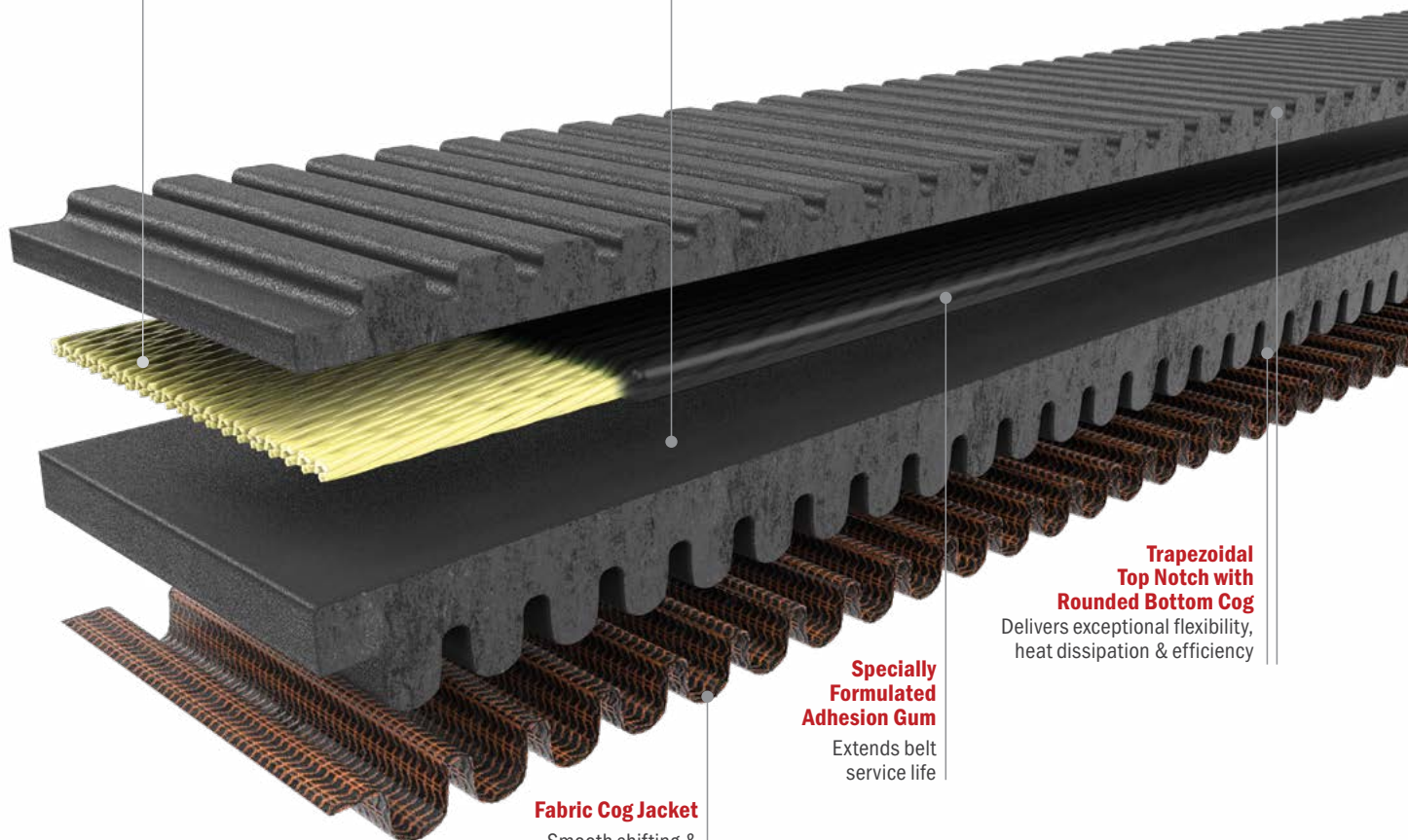
Maximises acceleration, shock load resistance, and extreme fatigue resistance

G-FORCE REDLINE & G-FORCE WORKHORSE

Aramid Fiber-Loaded Ethylene Elastomer

Maximum stiffness & heat resistance for higher loads, higher peak torque, less heat fade, and less speed loss

G-FORCE REDLINE & G-FORCE WORKHORSE



Trapezoidal Top Notch with Rounded Bottom Cog
Delivers exceptional flexibility, heat dissipation & efficiency

Specially Formulated Adhesion Gum

Extends belt service life

Fabric Cog Jacket

Smooth shifting & higher abrasion resistance

G-FORCE REDLINE

NEW BELT BREAK IN PROCESS:

Properly break in your new G-Force belt and prevent premature failure.

GATES.COM/BREAKITIN

Visit **Navigates.Gates.com** to find the right G-Force belt for your vehicle.



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