



# SGF ORIGINAL FLEX COUPLINGS

SGF designs and manufactures power transmission products such as Flexible couplings for car companies around the globe. SGF Flexible Drive Couplings are fitted as Original Equipment to many RWD and AWD vehicles by vehicle manufacturers including Ford, General Motors, Chrysler, BMW, Mercedes Benz, VW, & Hyundai.

## Purpose of a Flexible Coupling

The purpose of a flex coupling is to:

- Effectively transmit rotational torque.
- Compensate for axial, radial, and angular misalignment in the vehicle's drivetrain.
- Be engineered to handle the operating and torque peaks of the engine.
- Be application tuned to eliminate or reduce the Noise, Vibration, Resonance, and other disturbing harmonic signatures generated by the vehicle's powertrain.



Patented SGF Tenpu® cord packages  
(Reverse-lower torque capacity)

When selecting a flexible coupling remember each vehicle's flexible coupling is unique and even if they are dimensionally similar, the harmonic (NVH) performance is different. Each SGF coupling is specifically tuned for each vehicle application.

## The SGF Advantage

With SGF couplings you get the original. The same as fitted to the vehicle when it was built. SGF's product advantage and competency is based on its trademark Tenpu® fibre technology.

A combination of unique cord inlays and rubber material that operate in tension load. Unlike common rubber coupling that work with shear load or pressure load on the rubber, the tension load principle ensures that the cord inlays transmit most of the load providing a better tolerance to shock loads and a higher power density ratio resulting in the ability to transmit higher torque with a smaller coupling.

- SGF Couplings are made in Germany. SGF have manufactured over 90% of OEM Flex Couplings for vehicles since 1946.
- Original SGF Couplings have the SGF logo/part number moulded or printed on the coupling itself. Just identify this number when replacing to ensure you are supplied genuine SGF.

With driveshafts rotating more than 3000 RPM, beware of potential NVH and safety hazards from inferior copy couplings.

Part Numbers	Applications
GAD03-001-0	DRIVE SHAFT COUPLING / FLEX JOINT 6 SPEED FORD FALCON BF, FG, FGX
GAU01-001-0	DRIVE SHAFT COUPLING / FLEX JOINT HOLDEN VT-VZ, WK,WH,WL
GAJ-1-0	DRIVE SHAFT COUPLING / FLEX JOINT 4 SPEED or 5 SPEED FORD FALCON BF, FG, FGX
GAU01-005-0	DRIVE SHAFT COUPLING / FLEX JOINT HOLDEN VT-VZ, WK,WH,WL
GAU01-012-0	DRIVE SHAFT COUPLING / FLEX JOINT HSV CLUBSPORT AND MORE

PLEASE VISIT ISHOP & AUTO INFO FOR FULL APPLICATION LISTING