



For over 35 years, GAFF's highly engineered polyurethane compounds have met the varying demands of heavy duty undercarriages. GAFF® designs and manufactures suspension and mounting components with superior mechanical properties that provide resistance to UV rays and temperature degradation to extend service life when compared to rubber.

GAFF® polyurethane, with its proprietary formulas, improves service life by absorbing vibrations and being resistant to chemicals, road contaminants, and cleaning solvents.

GAFF® polyurethane products are available in various hardnesses depending on their use or application. Hardness is only one of the characteristics measurable in the field; it is not indicative of all the different critical attributes for each application. Typical examples of the use for hardnesses include:

- **Shore A 60:** Special applications (Comfort)
- **Shore A 70:** Supports and mounts
- **Shore A 80:** Very elastic and resistant material typical of suspension components
- **Shore A 90:** Special overload applications
- **Shore D 71:** Friction and overloads

When compared to rubber-based products, GAFF® polyurethane products are more durable and resilient. High-performance polyurethane extends the uptime of the vehicle in the harshest road conditions.

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# CENTER BEARING ASSEMBLIES

GAFF® center bearing assemblies are designed with high-performance polyurethane to provide flexibility and durability in the most challenging road conditions. The GAFF® offering includes popular center bearing assembly applications for the transportation industry.

## Exceptional absorption of vibration

- The support is made of high-quality elastomers
- The design allows for absorbing the loads generated in the carrier bearing
- GAFF® polyurethane bushings provide flexibility to avoid the transmission of vibrations and provide a comfortable ride
- The improved mechanical properties are designed to withstand oils, solvents and temperature changes, enhancing durability to increase useful life by avoiding damage from road chemicals and the harshest road environments

## The metal base includes GAFF® engineering design

- High-strength steel bracket design
- Epoxy powder coating to prevent rust
- Full perimeter support to provide strength and stability

## The assembly includes a high-quality bearing

- Heavy-duty, high-speed bearing
- Double sealed for protection against contaminants
- Low coefficient of friction for outstanding performance

GAFF® center bearings include dust shields for additional protection against contaminants in the harshest environments—installation is optional.

PART INFORMATION					CROSS REFERENCE	
Part Number	Description	OEM1	OEM2	Comments	ATRO	Automann
GAFF40074	Center Bearing	2106611X	D4TZ4800J	Hanger Support Bearing Assembly 1810	CR00-67825	750.210661-1X
GAFF40075		2101211X	D4TZ4800G	Hanger Support Bearing Assembly 1710	CR00-67121	750.210391-1X

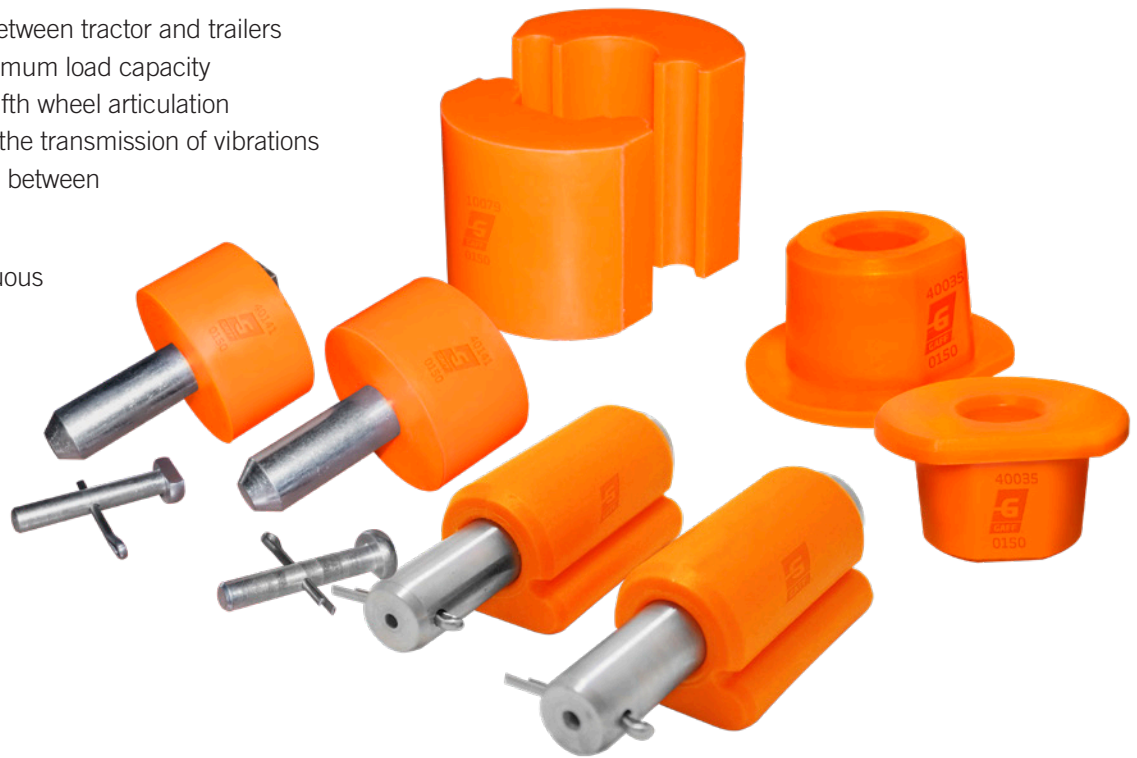
# FIFTH WHEEL BUSHINGS

GAFF® polyurethane products include a wide range of fifth wheel bushings options for popular makes and applications.

A standard type fifth wheel may have side bushings or a pad that can accommodate small side angles. The primary function of the fifth wheel bushing is to isolate vibrations and noise and to reduce impacts between the trailer and the truck.

## Backed by GAFF's exceptional performance in transportation:

- GAFF® polyurethane bushing technology provides enhanced operating performance
  - Excellent resistance to wear and abrasion
  - Minimal compression deformation
  - Excellent elastic recovery
  - Resistance to grease, oils, solvents and ozone
- Reliable connection between tractor and trailers
  - Withstands the maximum load capacity
  - Provides adequate fifth wheel articulation
  - Designed to reduce the transmission of vibrations
  - Maintains alignment between components
- Constrains the continuous impact and stresses between components





PART INFORMATION				CROSS REFERENCE			
Part Number	Description	Includes	OEM1	ATRO	Automann	Dayton Parts™	Dyco
GAFF10002	Fontaine® 5th Wheel Bushing		BSH-150	PL1002	KP109	329-157U	D-203
GAFF10080	Holland® 5th Wheel Pad	Simplex Bracket Pad	4100329	PL1130			
GAFF11515	Fifth Wheel Bushing		XB-1604-5	PL1037	KP119	329-123U	D-89
GAFF11517			XB-0011-2	PL1006	KP101	329-104U	D-90
GAFF18094			XB-0011-1		KP105		
GAFF18215			XB-0011	FW51-32011			
GAFF18221			XB-0009		KP116		
GAFF40035		Holland® 5th Wheel Bushing		XB-10605	FW99-32605		
GAFF40056	Holland® 5th Wheel Shoe	Simplex Bracket Shoe	4100328		KP132		
GAFF40140	Holland® 5th Wheel Repair Kit	2 Qty. GAFF11517 Fifth Wheel Bushing & 2 Qty. GAFF40140 PG Pin & 2 Qty. Cotter Pin	RK004413	FW51-32413	KP104		
GAFF40141	Fontaine® 5th Wheel Repair Kit	2 Qty. GAFF10002 Bushing & 2 Qty. GAFF40141 PG Pin & 2 Qty. GAFF40141 SG Lock Pin & 2 Qty. Cotter Pin	KITPIN191	FW99-32191	KP110		

# HOOD LATCH AND MOUNTING COMPONENTS



**GAFF® highly-engineered polyurethane is designed to provide flexibility and resistance to friction to prevent premature wear:**

- Vibrations that allow expensive hood components to break
- Worn out hood hinge bushings and mounts that generate noise and hood movement

**Several parts interact within the hood and fender assembly to provide access to the engine:**

- Hood latches and hooks
- Hood hinge bushings and mounts
- Hood guides

**The GAFF® hood latch is a damping device that controls the displacement of the hood and fender assembly. It provides excellent properties such as:**

- Wear resistance
- Elastic recovery
- Vibration damping
- Resistant to grease, oils, gasoline and ozone

**GAFF® polyurethane provides strength and durability by combining these features:**

- Reduced compression deformation over time when compared to rubber
- Excellent resistance to wear and abrasion
- Resilience and high recovery power
- Different hardnesses (70 to 95 Shore A)

PART INFORMATION						CROSS REFERENCE			
Make	Part Number	Description	OEM1	OEM2	OEM3	ATRO	Automann	Dayton Parts™	Dyco
Freightliner®	GAFF11020	Hood Guide	A17-10464-001			PL1051	M17331	329-199U	D-102
	GAFF11019	Hood Swivel Bushing	J17700-5	J177005		PL1133	MMB1000	329-224U	DT1125
	GAFF11544	Hood Swivel Bushing	CB1121-10	20QL231P1	13-01633	PL1107	M11211UB	329-205U	D-542
Kenworth®	GAFF11545	Hood Rest	K179-528	K179D450	25QM-31	PL1011	M17402	329-129U	D-26
Miscellaneous	GAFF11102	Hood Latch	17-12438-000			HL46-64435			
	GAFF11543	Hood Latch	K147-107	K147C106		HL59-64107	HLK1000		
	GAFF12365	Hood Latch	680-880-01-60	L56-0001		HL00-64001	HLK1035		
	GAFF11096	Hood Latch, Hook	17-12434-000			HL46-64434	HLK2020		
	GAFF11097	Hood Latch, Hook	6818872414	671123801		HL00-64002	HLK2089		
	GAFF11104	Hood Latch w/ Mount, Left	17-12435-000				HLK1011		
	GAFF11105	Hood Latch w/ Mount, Right	17-12435-001				HLK1012		
	GAFF11106	Hood Latch w/ Mount, Right	17-15553-001				HLK1020		
	GAFF11107	Hood Latch w/ Mount, Left	17-15553-000				HLK1019		
	GAFF11109	Hood Latch	17-14781-000	17QM263A			HLK2001		
	GAFF11768	Hood Latch	37-99-344	37-41-295-60			HLK1015		
	GAFF11103	Hood Latch w/ Mount	680-880-01-60	L56-0001			HLK1035		
	GAFF10506	Hood Latch Assembly	1699929C9	499523C3	16899930C91	HL55-64C91	HLN1002		
	GAFF11611	Shifter Bushing	K3399	85105720		MS99-63399			
	GAFF18455	Wheel Chock							
Peterbilt®	GAFF12367	Hood Hinge Bushing	13-03440	L13-6018		PL1074	M17474UB	329-132U	D10
	GAFF12370	Hood Hinge Bushing	13-04154			HM75-66154			
	GAFF12359	Hood Mount	13-03510			HM75-65510	M13351UB	329-202U	D-534
	GAFF12364	Hood Mount	13-04711			HM75-65711			
	GAFF12414	Hood Mount Kit	13-04154	13-04164		HM75-66165	M13415AKUB		
	GAFF12359	Hood Mount	13-03510			HM75-65510	M13351UB	329-202U	D-534
	GAFF12364	Hood Mount	13-04711			HM75-65711			
	GAFF12414	Hood Mount Kit	13-04164	13-04154		HM75-66165	M13415AKUB		



# MOTOR, EXHAUST, CAB AND RADIATOR MOUNTS

The motor, exhaust, cab and radiator mounts differ in the loads but have similar environmental characteristics such as resistance to oils and high temperatures.

The motor mount supports the mechanical loads caused by combustion and the inertial forces. Fixing the transmission to the engine also generates static loads.

The primary function of these mounts is to isolate vibrations and noise from the engine compartment.

## **GAFF® offers a wide range of motor, exhaust, cab and radiator mounts:**

- Excellent resistance to wear and abrasion
- Excellent elastic recovery
- Vibration damper
- Resistance to grease, oils, gasoline and ozone
- Different hardnesses (60 to 80 Shore A)

## **Key elements for GAFF® polyurethane performance and durability:**

- With more than 35 years of experience and global market applications, GAFF® has carefully selected and adjusted the properties to the mounts for more outstanding durability
- GAFF® polyurethane mounts are designed to withstand high temperatures
- The finely-tuned GAFF® polyurethane helps isolate vibration transfer and ensure high-performance
- The bonding of polyurethane provides sufficient flexibility and toughness for the application
- GAFF® polyurethane mounts combine the high strength of polyurethane with the steel support structure to maintain shape and limit movement

Highly-engineered GAFF® polyurethane mounts are designed to increase the uptime and performance for commercial vehicles.





PART INFORMATION								CROSS REFERENCE				
Make	Part Number	Description	Kit Part Number (includes mount & hardware)	OEM1	OEM2	OEM3	OEM4	ATRO	Automann	Dayton Parts™	Dyco	
Freightliner®	GAFF11009	Cab Mount	GAFF11086	681-890-00-01	LORSB33310017B	A681-890-00-01	18-43636-000	CM46-61890	M17337	329-226U	DT1110	
	GAFF11075		GAFF11092	BJ-1769	BJ-17699	A18-40099-000	18-45384-000	CM46-61384	M17419UB		DT1194K	
	GAFF11725	Motor Mount	GAFF11085	CBA24-650-17	CBA/24-650-17			PL1003-HT	M17330UB	329-116U	DT1115	
	GAFF11018		GAFF11087	LORSS3310018	LORSS3310017	SSB3310018	01-15047-000	MM46-62003	M17338KUB	329-247U	DT1132	
	GAFF11065		GAFF11088	J20941-3	J20941-5	J20941-6	LOR J20941 7	MM46-62416	M17347UB	329-248U	DT1130	
	GAFF11074		GAFF11090	BCD 28945-1	BCD 26704 1	BCD 27651-1	BCD 27651 3	MM46-62002-HT	M17403KUB	329-246U	DT1103	
	GAFF11077		GAFF11089	BCD 27330-1	BCD 27330-2	BCD 28805 1	BCD 26907 1	MM46-62001	M17395UB	329-245U	DT1105	
	GAFF11095		GAFF11113	J201204	J-20120	17-1843						
	GAFF11807		Transmission Mount	GAFF11836	K066-269				PL1064	M17388UB	329-137U	DT31
Freightliner®/Volvo®	GAFF11021	Radiator Mount		05-16070-000	0516070000	A6815040082	A-681-504-00-82		M17341UB	329-254U	DT1128	
Freightliner®/Western Star®	GAFF11129	Radiator Mount		BCD 28721-1	BCD 28847-1			RM46-63471	M203055UB	329-253U	DT1175	
International	GAFF34515	Cab Mount		3515345C1	3515345C2			CM55-615C2	M203053UB		DT1881	
	GAFF34516		GAFF34540	3574678C1	3574679C1	3574680C1	3589599C91		M203073UB	329-264U	DT1864	
	GAFF11705			K066-176	476869C1	05-14794	CB11242	PL1009-HT	M17392UB	329-147U	DT36	
	GAFF34528			3512064C4	28398-3			CM55-614C4	M203056			
	GAFF10503	Motor Mount		470031C2	EE14003053			PL1055-HT	M20307UB	329-179U	DT53	
	GAFF10505			479237C1	583955C1	14003030	14003052	PL1104	M20309UB	329-181U	DT301	
	GAFF34500		GAFF34524	1664728C1	1664728C2	5801893941	5801896897		M17437KUB		DT1897	
	GAFF34510		GAFF34525	1664729C1	1664729C7	1664729C3	1664730C5	MM55-62004-HT	M17445KUB	329-231AU	DT1810	
	GAFF34509		GAFF34526	1664723C2	1664723C3	1664724C2	4C4Z6038A	MM55-62003-HT	M17451		DT1850	
Internationa®/Ford®/Volvo®	GAFF10075	Motor Mount		DOHZ6068B	507569C91	12004-0007	503579C1	PL1048-HT	M20304UB	329-150U	DT1880C	
Kenworth®	GAFF11742	Cab Mount		L13-1007	26509-11	26509			M596651		DT1491	
	GAFF18938			K066-435-3	K0664353				M596653		DT1490	
	GAFF11539	Motor Mount	GAFF11761	K066-247	05-15646	K066-320	K066-282	PL1012-HT	M17404UB	329-143U	DT1424	
	GAFF11540		GAFF11760	K066-377	K066-391	D13-1001-1		MM59-62377-HT	M17411UB	329-228U	DT1425	
	GAFF11541		GAFF11760	K066-421	26136-2			MM59-62421-HT	M17409UB	329-229U	DT1426	
	GAFF11613				K066-229	M700	05-16401	05-10103	PL1013-HT	M17406UB	329-141U	DT7
	GAFF11615		GAFF11762	K066-423	K066-405	K066-406	K066-407	KT59-62002	M203039KUB	329-281U	DT1433	
	GAFF11614		GAFF11837	M506-70NR	K066-247	K066-282	K066-320	PL1012-HT	M17404UB	329-143U	DT1424	
	Kenworth®/Peterbilt®/Western Star®		GAFF11523	Cab Mount		K066-251	J7165-1	K066-228	12004-3401	PL1015-HT	M17412UB	329-136U
Mack®	GAFF12052	Cab Mount		30QS3479AM	30QS4448M	30QS3479M	20975432		M17530			
	GAFF12000	Motor Mount	GAFF12035 / GAFF12034	20QL1175	20QL1118A	25167342		PL1017-HT	M1UB	329-109U	DT60	
	GAFF12046		GAFF12047	20QL312M2	25164179			PL1131-HT	M9UB	329-206U	D65	
	GAFF12045			20QL322	20QL329	25164809	25172757	MM62-62002-HT				
	GAFF12032	Radiator Mount		20QL259A	25154049				M62259UB	329-165U	DT64	
	GAFF12048			20QL251	20QL1170			PB62-65251				
	GAFF12084	Cab Mount		30SQ4525AM	30QS4525M	30QS4557AM	20975430		M17531			
Various	GAFF12049	Air Cooler Mount		20QL37P6	20QL37P3							
	GAFF34508	Motor Mount	GAFF34524	1664728C1					M17437			
	GAFF11612	Radiator Mount		K066-177	M500	M500-70NR		PL1063-HT	M17410UB	329-128U	DT27	
	GAFF18063				270203C1	1515674C1			PL1114	M55203UB	329-119U	DT44
	GAFF11544				CB1121-10	20QL231P1			PL1107	M11211UB	329-205U	DT542
Peterbilt®	GAFF12357	Exhaust Mount		14-14656	14-B656	PB-14656U		EM75-69656-HT	M20311UB	329-214U	DT82	
	GAFF11810		GAFF11811	M13-6001				EM75-69000-HT	M13600KUB			
	GAFF12355	Motor Mount		05-08968	M501	M501-70NR		PL1070-HT	M17804UB	329-144U	DT326	
	GAFF12356			05-10197	CBA28-1050			PL1018-HT	M17482UB	329-151U	DT9	
	GAFF12360			20-08257	20-08867			KT75-61257	M20306UB	329-102AU	DT433K	
	GAFF12368			CB2203-70				MM75-62370-HT		329-278U	DT2712	
	GAFF12369			CB2203-72	MR1001	07-08003-003		MM75-62372-HT	M20310UB	329-215U	DT83	
	GAFF12366		Radiator Mount		07-02552	07-02252	656-215		PL1126-HT	M17484UB	329-130U	DT2
	GAFF11804		Radiator Kit		N4751001	N47-51001			EM75-61001-HT	M203076		DT2724
Transit	GAFF30517	Motor Mount		AZ-14840-06	17-1780-45							
Trucks	GAFF11554	Air Cooler Mount		M200	M200-70EP	13-01633	13-03096	329-162U	M13633UB	329-162U	DT1419	
Volvo®	GAFF12301	Motor Mount		04-9009997	12004-3402			MM96-62870-HT	M203052UB	329-198U	DT324	
Volvo®/Western Star®	GAFF18102	Motor Mount		05-16919	12005-3403	05-16919-2	CB11251	PL1111-HT	M17475UB	329-191U	DT17	

# LOAD SPRING AND TRUNNION COMPONENTS

GAFF® manufactures enhanced polyurethane springs for use in heavy-duty beam suspension applications.

## GAFF® auxiliary springs offer:

- Noise reduction
- Flexibility for the loads
- Controlled vibrations and absorbed shocks from the road to the chassis

GAFF® achieves innovation by combining polyurethane formulation and geometry to increase durability. The polyurethane is designed for springs to achieve deflection and loading characteristics similar to those of OEM components.

- Withstands compression and tension loads
- Maintains flexibility and deflection

GAFF® manufactures a wide range of trunnion bushings for any brand of truck and trailer truck with single point mechanical suspension. Trunnion bushings are designed for the torsional, compressive, and frictional stresses of these applications. GAFF® polyurethane has been carefully matched to the stress, resilience, tear and abrasion properties of OEM rubber, providing the same handling performance.

Compared to multi-spring suspensions, a single point mechanical suspension is valued for its excellent stability, load compensation, minimal maintenance and broad range of axle articulation in demanding conditions.

## GAFF® polyurethane trunnion bushings offer:

- Coverage for on- and off-road service and severe service applications
- Resistance to ozone and other chemical agents from the road



PART INFORMATION								CROSS REFERENCE			
Make	Part Number	Description	Kit Part Number (includes mount & hardware)	OEM1	OEM2	OEM3	OEM4	ATRO	Automann	Dayton Parts™	Dyco
Chalmers®	GAFF11740	Load Spring		15002	1515962C1	4QK3366	15002CS1	LP19-24002	MLC11	325-156	
Hendrickson®	GAFF13611	Aux Load Spring		641794	60314-000	64179-004		LP50-24974	MHS225K	334-1720	DT16101
	GAFF13601	Bolster Spring HN*	GAFF13721	49377-000	60879-000	2501596C1		LP50-24000	MLC1	334-852	D2003
	GAFF13722	2 Bolster Springs, Aux. Pad w/Hard HN*		60879	641794	49377-000	60879-000	KT50-25004	MLC1K	334-852A	DT2003KS
	GAFF13626	Bolster Spring Kits Haulmaax*		64179-002	64179-037	59257-000	65743-000	LP50-24179	MLC5	334-1727	DT16100A
	GAFF13812	Progressive Load Spring	GAFF13814	60961-747	67778-000			LP50-24747	MHS58948KS	334-2031	DT2742K
Mack®	GAFF12006	Upper Insulator Pad	GAFF12039	10QK365A	25121508			MA36500	ABP1	325-112	D285
	GAFF12009	Lower Insulator Pad		10QK372	10QK389			MA37200	ABP6	325-114	D284
	GAFF12010	Upper Insulator Pad	GAFF12036	10QK370	25115012			MA37000	ABP4	325-113	D288
	GAFF12014	Lower Insulator Pad		10QK36C	10QK36B	25125064	21036254	MA36000	ABP2	325-110	D286
	GAFF12015	Mack® Trunnion Bushing		10QK276	10QK219P3	10QK219P2	25154319	MA10000	MSB684	325-118	D062
Volvo®	GAFF12333	Volvo® Bolster Spring		V1629553	20390836	20536818	V1609657	LP96-24657	MVT65	334-916	
Hutch®	GAFF14027	H900 Trunnion Bushing		890-00	11357-00	20248-01	T5711	HU10000	M12900	325-107	DT1385
Holland®	GAFF14521	TS Trunnion Bushing		91008022	091200	1083483		NW30000	TRB5909	325-137	D232



# SUSPENSION BUSHINGS

The suspension in heavy-duty vehicles is the set of components that absorb the road's variations to increase the comfort and ride control of the truck. Today, GAFF® offers a notable technological advantage in the design of suspension parts to provide excellent handling, functionality and low vehicle maintenance.

GAFF® has developed suspension bushings that reflect design needs with application-specific polyurethane to withstand the most severe loads and provide a smooth ride for more service miles.

- Achieves high performance in applications
- Designed to increase resistance to torsional, axial and radial loads
- Outstanding resistance to fatigue from working loads

GAFF® has designed bushings specifically for friction by reinforcing the polyurethane with abrasion-resistant compounds and the correct balance of resilience. GAFF® engineering and expertise in polyurethane-metal bonding provide the flexibility required for mechanical and air suspensions polyurethane parts such as:

- Bushings for springs
- Stabilizer bar bushings
- Bushings for equalizing beams
- Bushings for torque rods in any size and application
- Trailer bushings with mechanical and air suspension compatible with any brand on the market

GAFF® has created suspension bushing kits to improve productivity on typical repairs for tractor trucks and trailers.



PART INFORMATION							CROSS REFERENCE			
Make	PN	Description	Includes	OEM1	OEM2	OEM3	ATRO	Automann	Dayton Parts™	Dyco
Freightliner®	GAFF11066	Spring Eye Bushing		680-322-01-50	16-17769-000		SP46-52800	MR668UB	RB-233U	DT1120
	GAFF11005			16-13962-000	16-16412-000	681-325-01-50	PB46-26268	MR714	RB-234U	DT1155
	GAFF11094			16-14603-000	16-17770-000	16-18023-000	SP46-11023	MR772UB	RB-263U	DT1140
Freightliner®/ International®/ Peterbilt®	GAFF11083	Spring Eye Bushing, Anti-Walk		681-325-02-50	16-18035-000	W300861	PB46-26268	MR782	RB-291	DT1155
	GAFF18566	Shock Absorber Bushing		401754	90008003	02-00377	PL1026	M-17526UB	320-153U	DT1
Fruehauf®	GAFF13005	Equalizer Bushing Kit	2 Qty. GAFF13005 Equalizer Bushing & 1 Qty. GAFF130GAFF11 Equalizer Shaft	UXA-000004			PL1085	TRB5384UB	321-190U	DT1311
	GAFF13042	Torque Rod Bushing Kit	2 Qty. GAFF13001 Torque Rod Bushing & 1 Qty. GAFF130GAFF15 Torque Rod Shaft	UXA-000011-900	7637-00	7620-00	TH47-37900	TRK6300UB	334-565	DT1300K
Hendrickson®	GAFF13553	Beam End Bushing		45900	45900-000L	29878-1	EB38000	M1970UB	321-126U	DT402
	GAFF13607	Beam End Bushing Kit	1 Qty. GAFF13607 PP Bushing & 2 Qty. Bolts & 2 Qty. Nut & 4 Qty. Washer & 2 Qty. Washer	34013-087	34013-087L	50150	EB50-21013	BP198HE	334-830	DT407K-ROT
	GAFF18821	Pivot Bushing		58648-000	85109229		PB50-26648	TRB5031SUB	321-387U	DT2713
	GAFF13510	Pivot Bushing Kit	1 Qty. GAFF13565 Tri-Functional Bushing & 1 Qty. GAFF13541 Inner Bushing Sleeve & 1 Qty. GAFF13542 Tri-Functional Washers Bushing & 1 Qty. GAFF18434 Bushing Bolt & Nut	S-6914	A-6914		PB50-36914	TRK5912UB	334-658U	DT1691K
	GAFF13628		1 Qty. GAFF13565 Tri-Functional Bushing & 1 Qty. GAFF13542 Tri-Functional Washers Bushing & 1 Qty. GAFF13604 Eccentric Washer - Bolt Kit	S-24691	S-20924	S-20925				
	GAFF13744		1 Qty. GAFF13565 Tri-Functional Bushing Kit & 1 Qty. GAFF13542 Washer & 1 Qty. Bolt & 2 Qty. Washer & 1 Qty. Nylon Insert Nut	S-24691	S-21166		PB50-36001	MHS736UB	334-1576U	DT1691K2
	GAFF13743		2 Qty. GAFF13736 Tri-Functional Bushing & 2 Qty. Bolt Kit & 4 Qty. GAFF13648 Washers	S-26321			PB50-36322	MHS745	334-1628U	DT1610K
	GAFF13594		1 Qty. GAFF13736 Tri-Functional Bushing & 1 Qty. GAFF13673 Eccentric Washer - Bolt Kit & 1 Qty. GAFF13648 Washers	S-26321	S-20924	S-20925	PB50-36322	MHS745		
Hutch®	GAFF14038	Equalizer Bushing		16146-01	18723-01		EQ53-35118	TRB5542	321-221U	DT1724
Hutch®/Reyco®	GAFF14073	Torque Rod Bushing		026900	722-00	UCA-3754	PL1119	TRB6326UB	321-175U	DT2603
International®	GAFF34511	Spring Eye Bushing		3525665C1	4C4Z5348BA		SP55-52600	MR752UB	RB-253U	DT1807
	GAFF30544	Wear Pad		571960C1			WP55-290C1	MIH52UB	334-747U	DT1870
International®/ Peterbilt®	GAFF18010	Shock Absorber Bushing		140149	508678	09829-01	PL1025	MH2140UB	320-152U	DT1243
Kenworth®	GAFF11758	Spring Eye Bushing		B65-1001	B13-1000	B65-1002	SP59-11010	MR744UB	RB-249U	DT1145
	GAFF11757	Spring Eye Bushing Kit	2 Qty. GAFF11758 Spring Bushing Front & 2 Qty. GAFF11759 Shackle Side Bar	B65-1001	K209-75		SK59-10000			
Kenworth®/ Peterbilt®	GAFF11550	Shock Absorber Bushing		K066-266	COM266	COM368-6	PL1028	MH1433UB	320-178U	DT37
	GAFF11753	Spring Eye Bushing		B65-1006	B65-1017-001		SP59-11006	MR836UB	RB-295U	DT1473
Peterbilt®	GAFF11550	Shock Absorber Bushing		K066-266	COM266	COM368-6	PL1028	MH1433UB	320-178U	DT37
	GAFF12361	Spring Eye Bushing Kit	2 Qty. GAFF12350 Bushing & 2 Qty. GAFF12351 Beam End Washer & 1 Qty. Bolt & 1 Qty. Nut & 2 Qty. Washers	03AL1	03AL01		PB75-29674	TRK5905UB	334-460U	DT506K2
	GAFF12362		2 Qty. GAFF12354 Bushing & 2 Qty. GAFF12351 Beam End Washer & 1 Qty. Bolt & 1 Qty. Nut & 2 Qty. Washers	03AL2	03AL02		PB75-29101	TRK5904	334-814U	DT507K2
Reyco®	GAFF15064	Torque Rod Bushing Kit	2 Qty. GAFF15073 Torque Rod Bushing & 1 Qty. Bolt & 1 Qty. Nylon Insert Nut & 2 Qty. Washer	TK18997	TK19089		TH83-37997	TRK6008UB	334-252U	DT71K
	GAFF15075	Equalizer Bushing Kit	2 Qty. GAFF15076 Equalizer Bushing & 1 Qty. GAFF15075 PM Pin & 2 Qty. GAFF15075 RM Washer & 2 Qty. Spring Washer & 2 Qty. Bolt	TK12506	TK18998		SK83-31000	TRK5066UB	334-211	
SAF Holland®	GAFF50047	Pivot Bushing Kit	2 Qty GAFF50046 Pivot Bushing & 4 Qty. RM Washer & 2 Qty. Nylon Insert Nut & 2 Qty. Bolts	SRK-530	48100394		PB57-25394	TRK1306	334-1962	
Watson®	GAFF50073		16 Qty. GAFF34514 Beam End Bushing & 8 Qty. GAFF50072 BM Spacer Sleeve & 8 Qty. Bolts & 8 Qty. Nylon Insert Nut & 16 Qty. Washer	SRK1190-1	R-008839		PB00-26839	TRK8839W	339-299	

# TORQUE RODS AND BUSHINGS

The function of the torque rod is to maintain the horizontal stability of the vehicle, limiting the axle alignment angles and the axle angles when braking or accelerating, during curves, or with road and load variations.

The most common wear parts are on the ends of the torque rods. Displaced, damaged bushings or an incorrect rod length can influence premature tire wear and generate noise which can make driving difficult and compromise the stability of the vehicle.

- GAFF® uses highly-engineered polyurethane bushings to obtain the flexibility and resistance to torsion required in each torque rod according to the requirements of the application

GAFF® product coverage of torque rod assemblies provides the most popular sizes and configurations, reflecting suspension and market needs.

- Polyurethane bushing without outer metal sleeve
- Polyurethane bushing with an outer metal sleeve
- Rotating polyurethane bushing for easy installation
- High-articulating polyurethane bushings compared to conventionally bonded bushings

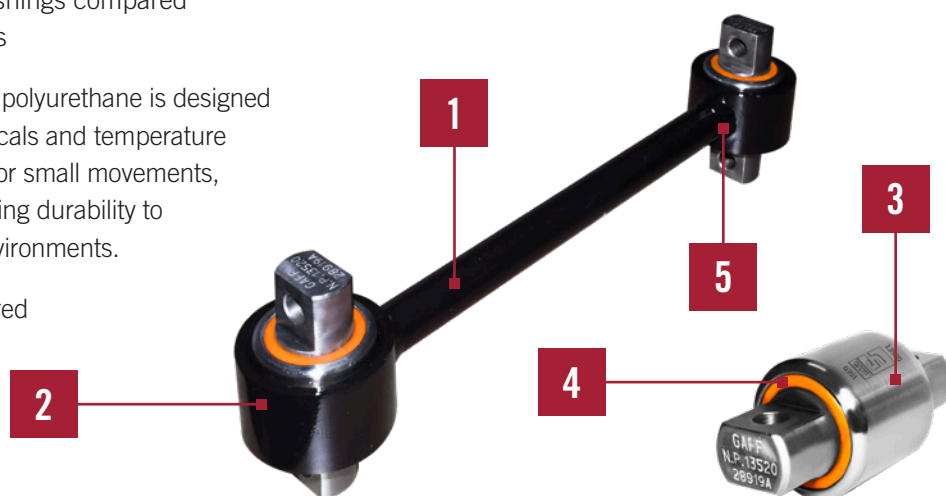
With its mechanical properties, GAFF® polyurethane is designed to withstand abrasion, oils, road chemicals and temperature changes. The bushing acts as a pivot for small movements, reducing noise generation and enhancing durability to increase service life in the harshest environments.

- GAFF® torque rods are manufactured with high-quality steel

- Quality Control of assembly in GAFF® manufacturing plant
  - Essential for correct bushing alignment and bushing pressure
  - Dimensions according to original manufacturer specifications
  - Delivers performance
    - Reduction of vibrations and noise
    - Provides great security

## Torque Rod Assembly with GAFF® outer sleeved bushings

1. Steel rod made of high-quality material
2. Bushing bore made from high-strength mechanical tube
3. GAFF® polyurethane flexible bushing
  - Outer metal bushing sleeve for press-fit
  - GAFF® polyurethane with specific formulation and hardness
4. Polyurethane metal adhesion system
5. Robotic welding to ensure a high-quality joint



**Torque Rod Assembly with GAFF® Polyurethane—  
no outer sleeve**

6. Steel rod made of high-quality material
7. Bushing bore made with high-strength mechanical tube and crimped at the ends to prevent bushing displacement
8. GAFF® Polyurethane flexible bushing
  - Polyurethane metal adhesion system
  - GAFF® polyurethane with specific formulation and hardness
9. Robotic welding to ensure a high-quality joint



PART INFORMATION								CROSS REFERENCE				
Make	Part Number	Description	Easy Mount PIN	OEM1	OEM2	OEM3	OEM4	ATRO	Automann	Dayton Parts™	Dyco	
Freightliner®	GAFF11078	Torque Rod Assembly		16-16749-001	681-326-6716	16-18972-001		TR46-41716	TMR534	345-212	DTF32-1	
	GAFF11081			16-16749-002	16-18972-000	681-326-72-16		TR46-41002	TMR535	345-868	DTF14-1	
	GAFF11152			16-15632-000	16-18972-000			TR46-41000	TMR536	345-916	DTF33-1	
	GAFF11153			16-16749-000	681-326-6316			TR46-41316	TMR515	345-213	DTF28-1	
Hendrickson®	GAFF12396	Torque Rod Assembly		62010-455				TR50-42455	TMRN1240			
	GAFF13733			62350-615	25171605	17QF455P243		TR50-41615	TMRN1051	345-907	DTF34-1	
	GAFF13735			62007-365	50376-001	17QF357M	32271-102	TR50-41102	TMR545	345-792		
International®	GAFF34555	Torque Rod Assembly		444122C91	62350-645			TR50-41645	TMR501E			
	GAFF34556			1612516C91	681-326-2516	62001-590		TR50-42590	TMRN846			
	GAFF34563			3548381C1	4C4Z4612AA	3580088C1		TR55-418C1	TMR533	345-866	DTF15-1	
Kenworth®/ Peterbilt®	GAFF11080	Torque Rod Assembly	GAFF11835	35801-3441	K195-376	17QF455P240	925031	TR59-41376	TMR669	345-887	DTF13-2	
	GAFF11751			944270	K195-375	68-13262-065	17QF460P240	TR59-41375	TMR67	345-885	DTF13-1	
	GAFF11773			K195-474	K195-472			TR59-41474	TMR65B	345-919	DTF11-2	
	GAFF11792			C65-6009	C65-6002			TR00-41009	TMR553	345-905	DTF17-1	
	GAFF11793			C65-1008	C65-1009			TR59-41008	TMR74B	345-956	DTF21-2	
	GAFF11795			C65-6011-002	C65-6000-02	C65-6011-002		TR00-41600	TMR539	345-883	DTF35-1	
	GAFF12069				17QF460P210	17QF473M2	25170832		TR62-413M2	TMR541	345-892	DTF22-1
Mack®	GAFF12070	Torque Rod Assembly		17QF460P200	17QF473M	3226713		TR62-413M3	TMR529			
	GAFF12071			17QF460P243	25170833	62000-615		TR62-41243	TMRN851			
	GAFF12072			17QF464P180	1RY48P23	17QF251P11	25162529	TR62-41180	TMR559	345-222		
	GAFF12073			25174658	17QF460P215			TR62-41215	TMR571			
	GAFF12074			25164945	17QF460P238	1516350C92		TR62-41238	TMR574	345-231		
	GAFF13634			17QF460P220	25174706	57857-006	17QF511	TR62-41220	TMR547	345-871U	DTF24-1	
	GAFF12042		Two Piece Torque Rod Assembly		35801-5018				SK27771	TMR5018	345-806	
	GAFF12044								SK27174	TMR5020	345-802	
Mack®/Volvo®	GAFF13657	Torque Rod Assembly		35801-0033	924711	358010-560		TR13-41022	TMR639			
	GAFF18860			30SQ4525	3187322	35801-0068		TR96-41068	TMR531	345-898	DTF25-1	
Various	GAFF13683	Torque Rod End	GAFF13790	46610	66610-000H			TR71000	TMRU610	345-610	DTF3F-1R	
	GAFF13691			GAFF13789	46660	66660-000H			TR75000	TMRU661	345-661	DTF3M-1R
Peterbilt®	GAFF12395	Torque Rod Assembly		03-04327	924175	5550317	C65-6016-000010440	TR75-41327	TMR520	345-211	DTF10-1	
	GAFF12397			C65-6011-001	C65-6000-001	C65-6023-001		TR00-41001	TMR537	345-882	DTF31-1	
	GAFF12398			03-05198	62000-650	57750343	03-05108	TR75-41108	TMR532B	345-215	DTF16-1	
	GAFF13679			681-326-70-16	925150	62350-635	S3580001-635	TR13-41635	TMR75	345-886		
	GAFF34554			03-04059	C65-6013	03-02439		TR75-41059	TMR518	345-210	DTF12-1	