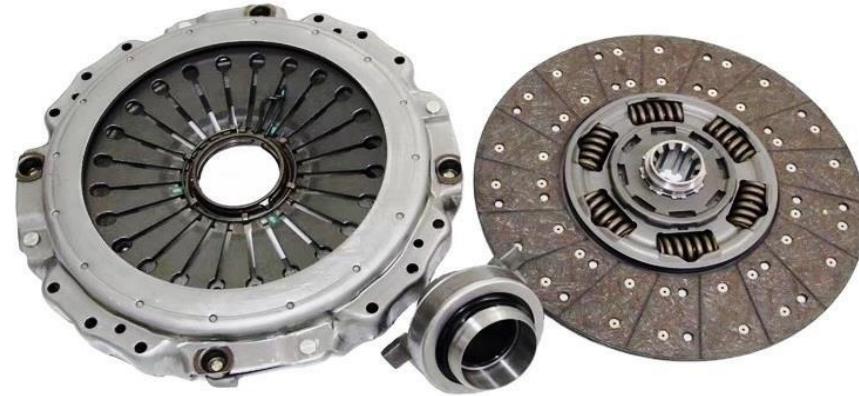


GCPA PRIVATE LIMITED

PASSENGER CLUTCH
HEAVY DUTY CLUTCH
AGRICULTURAL CLUTCH
CLUTCH COMPONENTS



S.N.-5A, R.K. ESTATE, NEAR-SARURPUR INDUSTRIAL
AREA, BALLABARH-121004, FARIDABAD-HARYANA



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque rating from 500Nm to 650Nm
- Rated Torque : 132Kgm
- Vehicle up to 20 Tonnes
- Valeo F510 Friction Lining
- Hub spline 1.75" X10
- Good – Long haul, construction, trailer applications
- Passenger – Inter city applications

Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material.
Non-asbestos lining	<ul style="list-style-type: none"> - To meet international requirements - Free from Health Hazard
Clutch disc hub splines induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines
Damper springs not preloaded	<ul style="list-style-type: none"> - Less structural damages - Longer life of disc - Prevents damages to retainer plates
Tested in house for 50 lakh cycles at 150°C temperature.	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Smooth running due to less vibration - Reduce wear & Tear of clutch gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
TATA	SK/SFC 1616 - BSIII, SAK 1212, SE/ SK 1616 BSIII, LPT 2513 BSIII, LPT 2518 (697), LPT 1616, LPO 1512,	G-T352-F510	581225200101 2752 2540 0105 ID 206097	TATA GB-60/G600
EICHER	TERRA 16, 30.25,33.25,3 5.31			



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque rating from 500Nm to 650Nm
- Vehicle up to 20Tonnes
- Clamp Load 1320Kg
- Mounting hole PCD 393.7mm
- Good – Long haul, construction, trailer applications
- Passenger – Inter city applications
- Formed Sheet metal lever much stronger and lighter than forged lever.

Special Feature	Advantage/ Benefit
Push type Clutch Cover Assembly	<ul style="list-style-type: none"> - It is self-adjusting - No Frequent Release bearing travel adjustment required - A "Fit & Forget" design. - Sheet metal cover so lighter in weight - Due to sheet metal cover less inertia & less load on gearbox - Heat dissipation is faster due to sheet metal cover
Coil Spring Design	<ul style="list-style-type: none"> - Easy to repair & overhaul - Low repair costs - Most ideal & favorite of Indian market
Collector – Ring provided	<ul style="list-style-type: none"> - Release bearing contact with flat collector ring prevents grooving of the release bearing. - It also increases release bearing life.
Unique Sheet metal release levers	<ul style="list-style-type: none"> - Lighter but stronger design - Results in low pedal effort & longer life.
Release levers, Eye bolts supported on needle roller bearings.	<ul style="list-style-type: none"> - Less pedal effort - Longer life of clutch disc assembly. - It results in smooth & easy clutch disengagement
Cover designs with large openings	<ul style="list-style-type: none"> - Better air circulation in operation - Thus giving adequate cooling to the clutch components
Dynamically balanced	<ul style="list-style-type: none"> - It results in low vibrations & smooth running - Increases life of clutch & gearbox

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
TATA	LPK 1615TC, 1613, ULTRA 1518, BS-IV	G-T352-CCA-PT	581225400101 843108	

352mm (14") Ceramic Clutch Disc Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque rating from 500Nm to 650Nm
- Rated torque 132kgm
- Vehicle up to 20 Tonnes
- MIBA friction button thickness 4.5mm & 5.8mm
- Hub spline 1.5" X10 (AL GBS 50 Gearbox)
- Hub spline 1.75" X10 (TATA/EICHER GBS 60 Gearbox)
- Good – Long haul, construction, trailer applications
- Passenger – Inter city applications

Ceramic material can withstand significantly higher temperatures than organic clutch plates, making them suitable for high-power applications with frequent hard acceleration and heavy towing

Special Feature	Advantage/ Benefit
Ceramic buttons have high co-efficient of friction.	<ul style="list-style-type: none"> - Ceramic clutches can withstand higher temperatures compared to organic or metallic clutches. This makes them suitable for high-performance applications where heat generation is significant, such as racing or heavy-duty driving - Ceramic materials offer excellent friction properties, providing a consistent and efficient grip between the clutch surfaces. This can contribute to better performance and smoother engagement
Fan/Paddle type construction of clutch disc	<ul style="list-style-type: none"> - Lighter in weight - Better heat dissipation hence Longer life
Clutch disc hub splines induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Damper springs not preloaded	<ul style="list-style-type: none"> - Less structural damages - Longer life of disc - Prevents damages to retainer plates
Tested in house for 50 lakh cycles at 150°C temperature.	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Smooth running due to less vibration - Reduce wear & Tear of clutch gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
TATA	2515,2516, 3015, 3516, 4018 (BSII)	G-T352-BD G-T353-BD G-AL352-BD	2752 2520 0106 ID 206096	TATA GB- 60/G600
EICHER	30.25,33.25 ,35.31			

352mm (14") Conventional Cover Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque rating from 500Nm to 650Nm
- Vehicle up to 20 Tonnes
- Clamp Load 1320 Kg
- Mounting hole PCD 393.7mm
- Good – Long haul, construction, trailer applications
- Passenger – Inter city applications
- Formed Sheet metal lever much stronger and lighter than forged lever.

Special Feature	Advantage/ Benefit
Pull type Clutch Cover assembly	<ul style="list-style-type: none"> - Less Pedal effort because of better lever ratio - Longer Release Bearing Life
Coil Spring Design	<ul style="list-style-type: none"> - Easy to repair & overhaul - Low repair costs - Most ideal & favorite of Indian market
Unique Wear Indicator and Adjustment Mechanism	<ul style="list-style-type: none"> - Get indication of serviceable life of clutch disc - Can be Adjust to get maximum life from clutch.
Unique Sheet metal release levers	<ul style="list-style-type: none"> - Lighter but stronger design - Results in low pedal effort & longer life.
Release levers, Eye bolts supported on needle roller bearings.	<ul style="list-style-type: none"> - Less pedal effort - Longer life of cover assembly. - It results in smooth & easy clutch disengagement
Cover designs with large openings	<ul style="list-style-type: none"> - Better air circulation in operation - Thus giving adequate cooling to the clutch components
Dynamically balanced	<ul style="list-style-type: none"> - It results in low vibrations & smooth running - Increases life of clutch & gearbox

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
TATA	2515,2516,30 15,3516,4018 BS-II	G-T353-CCA	275225400105 ID 206097	GB60
EICHER	30.25,33.25,3 5.31			



362mm (14.5") M & M Clutch Disc Assembly

Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material
Non-asbestos lining	<ul style="list-style-type: none"> - To meet international requirements - Free from Health Hazard
Clutch disc hub splines Induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Pre-damper Clutch disc	<ul style="list-style-type: none"> - Absorbing shock loads, the pre-damper clutch protect other components within the drivetrain from excessive wear and tear - Absorbing torque fluctuations during gear changes, pre-damper clutches enable smoother transitions between gears, especially at low speeds. - Pre-damper clutches are particularly advantageous in vehicles with high-performance engines, diesel engines, or those experiencing significant engine vibration at low RPM
Tested in house for 50 lakh cycles at 150°C temperature	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Give smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components

SPECIFICATIONS & COMPETITIVE EDGE

- Engine torque rating from 520Nm to 675Nm
- Vehicles from 7.5 to 16 tonnes
- Valeo F510 Friction Lining
- Hub spline 1.75"X10
- Lower stiffness of damper spring
- Pre – Damping design
- Good: Long haul Multi Axle tripper & trailers
- Passenger: Medium capacity busses

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
Mahindra	Mahindra Furio	G-E3624-CD	3360050100 6363062090 L-03036-1037-01	from Oct 2022
AL	12M, Viking, 1620H, 1920H, Cheetah, Viking CNG			
Eicher	Pro 3016, Pro 5016			from Oct'2020



362mm (14.5") Benz Clutch Disc Assembly

Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material
Non-asbestos lining	<ul style="list-style-type: none"> - To meet international requirements - Free from Health Hazard
Clutch disc hub splines Induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Pre-damper Clutch disc	<ul style="list-style-type: none"> - Absorbing shock loads, the pre-damper clutch protect other components within the drivetrain from excessive wear and tear - Absorbing torque fluctuations during gear changes, pre-damper clutches enable smoother transitions between gears, especially at low speeds. - Pre-damper clutches are particularly advantageous in vehicles with high-performance engines, diesel engines, or those experiencing significant engine vibration at low RPM
Tested in house for 50 lakh cycles at 150°C temperature	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Give smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components

SPECIFICATIONS & COMPETITIVE EDGE

- Engine torque rating from 520Nm to 675Nm
- Vehicles from 7.5 to 16 tonnes
- Valeo F510 Friction Lining
- Hub spline 40X36X18
- Lower stiffness of damper spring
- Pre – Damping design
- Good: Long haul Multi Axle tripper & trailers
- Passenger: Medium capacity busses

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
BHARAT BENZ	Daimler-1217C	G-B3622-CD	3360045100 L-03036-1010-03	

362mm (14.5") M & M Diaphragm Cover Assembly



SPECIFICATIONS & COMPETITIVE EDGE

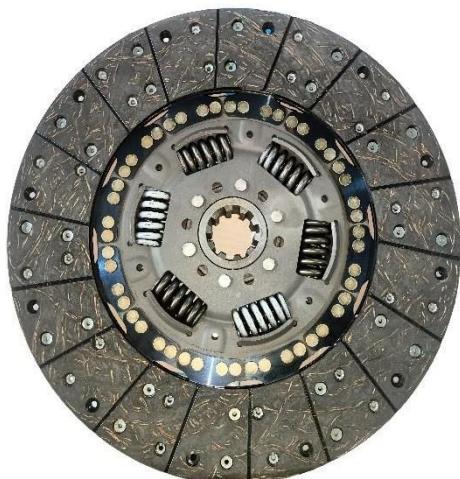
- Engine torque rating from 520Nm to 675Nm
- Vehicle from 7.5 to 16 tonnes
- Mounting hole pcd 375mm
- Good: Long haul Multi Axle tripper & trailers
- Passenger: Medium capacity busses

Special Feature	Advantages / Benefits
Diaphragm spring in place of coil springs	<ul style="list-style-type: none"> - The progressive pressure application from the diaphragm spring provides smoother clutch engagement, reducing shock and vibration - With a well-designed lever system, the diaphragm spring provide lighter pedal operation compared to some other clutch designs - The diaphragm spring acts as both, the clamping spring as well as the release lever. So many parts like eye bolts, levers, etc
Sheet metal cover	<ul style="list-style-type: none"> - Better air turbulence in clutch assy. - Cooler operation - Longer life of components - Better strength
Diaphragm clutch assembly	<ul style="list-style-type: none"> - As the clutch facing wears, the diaphragm spring's pressure naturally increases, helping to maintain consistent engagement throughout the clutch life - Diaphragm springs handle higher torque loads due to their design, making them suitable for high-performance applications - The diaphragm spring design allows for a smaller clutch housing due to its efficient energy storage capabilities.
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
Mahindra	Mahindra Furio	G-B3621-DCA G-E3623-DCA	3400 710 008 1360227100 L-01H36-0G13-00 1360238100 3482000462	from Oct 2022 from Oct'2020
BHARAT BENZ	Daimler-1217C CA, Pro 3016, Pro 5016			
AL	12M, Viking, 1620H, 1920H, Cheetah, Viking CNG			
Eicher	Pro 3016, Pro 5016			

380mm (15') AL Clutch Disc Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque up to 750 Nm
- Rated Torque 150Kgm
- Vehicles up to 20 tonnes
- Valeo F510 Friction Lining
- Hub spline 1.5"X10
- Good – Multi Axle trailers, Long haul & Trippers
- Passenger – Intra City, Bus
- Damper springs are not preloaded. Less structural damage, longer life of clutch disc.

Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material
Non-asbestos lining	<ul style="list-style-type: none"> - To meet international requirements - Free from Health Hazard
Clutch disc hub splines Induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Pre-damper Clutch disc	<ul style="list-style-type: none"> - Absorbing shock loads, the pre-damper clutch protect other components within the drivetrain from excessive wear and tear - Absorbing torque fluctuations during gear changes, pre-damper clutches enable smoother transitions between gears, especially at low speeds. - Pre-damper clutches are particularly advantageous in vehicles with high-performance engines, diesel engines, or those experiencing significant engine vibration at low RPM
Tested in house for 50 lakh cycles at 150°C temperature	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Give smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
AL	1618, 2518, 12M Bus BS-VI	G-AL3806-AF	B-1M04902	

380mm(15") Diaphragm Cover Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engines Torque rating up to 900 Nm
- Vehicle from to 23 Tonnes
- Clamping Load 1910 Kg
- Mounting hole PCD 410 mm
- Stronger Diaphragm spring with 18 fingers
- Good – Multiaxle, Tripper and Trailer applications
- Passenger – Long Haul Multiaxle Luxury Buses

Special Feature	Advantages / Benefits
Diaphragm spring in place of coil springs	<ul style="list-style-type: none"> - The progressive pressure application from the diaphragm spring provides smoother clutch engagement, reducing shock and vibration - With a well-designed lever system, the diaphragm spring provide lighter pedal operation compared to some other clutch designs - The diaphragm spring acts as both, the clamping spring as well as the release lever. So many parts like eye bolts, levers, pins etc.
Sheet metal cover	<ul style="list-style-type: none"> - Better air turbulence in clutch assy. - Cooler operation - Longer life of components - Better strength
Diaphragm clutch assembly	<ul style="list-style-type: none"> - As the clutch facing wears, the diaphragm spring's pressure naturally increases, helping to maintain consistent engagement throughout the clutch life - Diaphragm springs handle higher torque loads due to their design, making them suitable for high-performance applications - The diaphragm spring design allows for a smaller clutch housing due to its efficient energy storage capabilities.
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
TATA	BS-VI	G-AL382-DCA	1380223100	Serviceable

380mm (15") Organic Clutch Disc Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque up to 850Nm
- Rated Torque 157Kgm
- Vehicles up to 49 tonnes
- Valeo F510 Friction Lining
- Hub Spline 1.75"X10
- Good – Multi Axle trailers, Long haul & Trippers
- Passenger – Intra City, Bus

Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material
Non-asbestos lining	<ul style="list-style-type: none"> - To meet international requirements - Free from Health Hazard
Clutch disc hub splines through hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Damper springs not preloaded	<ul style="list-style-type: none"> - Less structural damages - Longer life of disc - Prevents damages to retainer plates
Tested in house for 50 lakh cycles at 150°C temperature	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
AMW	2518HL/TP/TM, 3118 HL/TP/TM, 3518TR, 4018TR, 4923TR	G-T380-F510	2724 2520 0134	Tata GB-75/Eaton 6209, 9306, 11109, Eicher ET 85, ALGB 940, ZF 6S-850, ZF1110
TATA	LPT/LPK2518, LPS 3118/3518/4018, LPO 1618 /1623, LPS 4923, LPT2521, LPK 1623, LPT/LPK2523, Prima M0, LPO 1623			
AL	2523/4018/4923-with ZF Transmission 2518/3118			
EICHER	9 Speed and 6S HD gear Box			



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque up to 850Nm
- Vehicles up to 49 tonnes
- Rated Torque 159Kgm
- MIBA friction button thickness 4.5mm to 5.80mm each
- Hub Spline 1.75" X10(TATA, AMW, EICHER) and 1.5"X10(AL)
- Good – Multi Axle trailers, Long haul & Trippers
- Passenger – Intra City, Bus

Ceramic material can withstand significantly higher temperatures than organic clutch plates, making them suitable for high-power applications with frequent hard acceleration and heavy towing

Special Feature	Advantages / Benefits
Ceramic buttons have high coefficient of friction.	<ul style="list-style-type: none"> - Ceramic clutches can withstand higher temperatures compared to organic or metallic clutches. This makes them suitable for high-performance applications where heat generation is significant, such as racing or heavy-duty driving - Ceramic materials offer excellent friction properties, providing a consistent and efficient grip between the clutch surfaces. This can contribute to better performance and smoother engagement
Fan/Paddle type construction of clutch disc	<ul style="list-style-type: none"> - Lighter in weight - Better heat dissipation hence Longer life
Clutch disc hub splines induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Damper springs not preloaded	<ul style="list-style-type: none"> - Less structural damages, Longer life of disc, Prevents damages to retainer plates
Tested in house for 50 lakh cycles at 150°C Temperature.	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
AMW	2518HL, TP/TM, 3118 HLTP, TM, 3518TR, 4018TR, 4923TR			
TATA	LPT/LPK2518, LPS 3118/3518/4018, LPO 1618 /1623, LPS 4923, LPT2521, LPK 1623, LPT/LPK2523, Prima M0, LPO 1623	G-AL380-BD G-AM381-BD G-AL381-BD G-AL383-BD	292 02 0006 3380214100 ID 209718 B1304301	Tata GB-75/Eaton 6209, 9306, 11109, ALGB 940, ZF 6S-850, ZF1110
AL	2523/4018/4923-with ZF Transmission 2518/3118			
EICHER	9 Speed and 6S HD gear Box, Teraa 25, Eicher ET 85,			



380mm (15") Conventional Cover Assembly

Special Feature	Advantage/ Benefit
Push type Clutch Cover Assembly	<ul style="list-style-type: none"> - No Frequent Release bearing travel adjustment required - It is self-adjusting - A " Fit & Forget" design.
Coil Spring Design	<ul style="list-style-type: none"> - Easy to repair & overhaul - Low repair costs - Most ideal & favorite of Indian market
Collector – Ring provided	<ul style="list-style-type: none"> - Release bearing contact with flat collector ring prevents grooving of the release bearing. - It also increases release bearing life.
Unique Sheet metal release levers	<ul style="list-style-type: none"> - Lighter but stronger design - Results in low pedal effort & longer life.
Release levers & eye bolts supported on needle roller bearings.	<ul style="list-style-type: none"> - Less pedal effort - Longer life of clutch disc assembly. - It results in smooth & easy clutch disengagement
Cover designs with large openings	<ul style="list-style-type: none"> - Better air circulation in operation . - Thus giving adequate cooling to the clutch components
Dynamically balanced	<ul style="list-style-type: none"> - It results in low vibrations & smooth running - Increases life of clutch & gearbox

SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque up to 850Nm
- Vehicle up to 49 Tonnes
- Clamp load 1810Kg
- Mounting hole PCD 410mm
- Formed Sheet metal lever much stronger and lighter than forged lever
- Collector ring enhances bearing life
- Use of needle roller bearing than bushes
- Good – Multi Axle trailers, Long haul & Trippers
- Passenger – Intra City, Bus

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
AMW	2518HL/TP/TM, 3118 HL/TP/TM, 3518TR, 4018TR, 4923TR			
TATA	LPT/LPK2518, LPS 3118/3518/4018, LPO 1618 /1623, LPS 4923, LPT2521, LPK 1623, LPT/LPK2523, Prima M0, LPO 1623	G-T380-CCA	2724 2540 0129 ID 209719 293 01 0012	Tata GB-75/Eaton 6209, 9306, 11109, Eicher ET 85, ALGB 940, ZF 6S-850, ZF1110
AL	2523/4018/4923-with ZF Transmission 2518/3118			
EICHER	9 Speed and 6S HD gear Box, Terra 25			

395mm(15.5") Benz Clutch Disc Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engines Torque rating up to 1100Nm
- Rated Torque 1870Nm
- Vehicle from up to 25 Tonnes
- Valeo F510 Friction Lining
- Hub spline 40X36X18
- Good – Multiaxle, Tripper and Trailer applications
- Passenger – Long Haul Multiaxle Luxury Buses
- Pre-dampening design
- Lower stiffness of damper spring
- Variant in dampening suitable to vehicle
- Original equipment to Bharat Benz

Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material
Non-asbestos lining	<ul style="list-style-type: none"> - To meet international requirements - Free from Health Hazard
Clutch disc hub splines Induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Pre-damper Clutch disc	<ul style="list-style-type: none"> - Absorbing shock loads, the pre-damper clutch protect other components within the drivetrain from excessive wear and tear - Absorbing torque fluctuations during gear changes, pre-damper clutches enable smoother transitions between gears, especially at low speeds. - Pre-damper clutches are particularly advantageous in vehicles with high-performance engines, diesel engines, or those experiencing significant engine vibration at low RPM
Tested in house for 50 lakh cycles at 150°C temperature	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Give smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
BHARAT BENZ	2523, 3128, 2518 25T, 31T, 37T, 40T, 49T, Vehicle Powered with 230 HP, 240 HP, 280 HP Engine	G-BENZ395-CD	A 400 250 00 03 640307733	G85/G-131

395mm(15.5") Benz Diaphragm Cover Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engines Torque rating up to 1100Nm
- Vehicle from up to 25 Tonnes
- Clamping Load 2150 Kg
- Mounting hole PCD 410 mm
- Stronger Diaphragm with 24 fingers – gives easy disengagement
- Good – Multiaxle, Tripper and Trailer applications
- Passenger – Long Haul Multiaxle Luxury Buses
- Original equipment to Tata Motors, Ashok Leyland, Eicher

Special Feature	Advantages / Benefits
Diaphragm spring in place of coil springs	<ul style="list-style-type: none"> - The progressive pressure application from the diaphragm spring provides smoother clutch engagement, reducing shock and vibration - With a well-designed lever system, the diaphragm spring provide lighter pedal operation compared to some other clutch designs - The diaphragm spring acts as both, the clamping spring as well as the release lever. So many parts like eye bolts, levers, pins etc.
Sheet metal cover	<ul style="list-style-type: none"> - Better air turbulence in clutch assy. - Cooler operation - Longer life of components - Better strength
Diaphragm clutch assembly	<ul style="list-style-type: none"> - As the clutch facing wears, the diaphragm spring's pressure naturally increases, helping to maintain consistent engagement throughout the clutch life -Diaphragm springs handle higher torque loads due to their design, making them suitable for high-performance applications -The diaphragm spring design allows for a smaller clutch housing due to its efficient energy storage capabilities.
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
BHARAT BENZ	2523,3128, 2518 25T, 31T, 37T, 40T, 49T, Vehicle Powered with 230 HP, 240 HP, 280 HP Engine	G-BENZ395-DCA	A 400 250 00 04 640307733	G85/G-131

395mm(15.5") Ceramic & Organic Eicher Pro Disc Assembly



SPECIFICATIONS & COMPETITIVE EDGE:

- Engine Torque up to 950Nm
 - Rated Torque 170Kgm
 - Vehicles up to 25 tonnes
 - Organic Clutch disc Valeo F510 Friction Lining
 - Ceramic Clutch disc Miba Pad
 - Hub spline 1.75"X10
 - Good – Multi Axle trailers, Long haul & Trippers
 - Passenger – Intra City, Bus
 - Damper springs are not preloaded. Less structural damage, longer life of clutch disc.
- Original equipment to Tata Motors.

Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Organic: Prioritizes comfort with gentle engagement and disengagement, but struggles under high heat and torque, leading to potential slip. - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material
Clutch disc hub splines induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Non-asbestos lining	<ul style="list-style-type: none"> - To meet international requirements - Free from Health Hazard
Damper springs not preloaded	<ul style="list-style-type: none"> - Less structural damages - Longer life of disc - Prevents damages to retainer plates
Tested in house for 50 lakh cycles at 150°C Temperature.	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
EICHER PRO	6031/6025 (6S)	G-E3951-CD	3400090100 L-03H40-0G34-00	
AL				

395mm(15.5") Eicher Pro Diaphragm Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engines Torque rating up to 980Nm
- Vehicle from to 25 Tonnes
- Clamping Load 1850 Kg
- Mounting hole PCD 410 mm
- Stronger Diaphragm spring with 18 fingers
- Good – Multiaxle, Tripper and Trailer applications
- Passenger – Long Haul Multiaxle Luxury Buses

Special Feature	Advantages / Benefits
Diaphragm spring in place of coil springs	<ul style="list-style-type: none"> - The progressive pressure application from the diaphragm spring provides smoother clutch engagement, reducing shock and vibration - With a well-designed lever system, the diaphragm spring provide lighter pedal operation compared to some other clutch designs - The diaphragm spring acts as both, the clamping spring as well as the release lever. So many parts like eye bolts, levers, pins etc.
Sheet metal cover	<ul style="list-style-type: none"> - Better air turbulence in clutch assy. - Cooler operation - Longer life of components - Better strength
Diaphragm clutch assembly	<ul style="list-style-type: none"> - As the clutch facing wears, the diaphragm spring's pressure naturally increases, helping to maintain consistent engagement throughout the clutch life -Diaphragm springs handle higher torque loads due to their design, making them suitable for high-performance applications -The diaphragm spring design allows for a smaller clutch housing due to its efficient energy storage capabilities.
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
EICHER PRO	6031/6025 (6S)	G-E3950-DCA	1400247100	L-01040-1054-00_AM
AL				

395mm(15.5) Mahindra Navistar Disc Assembly



Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material
Clutch disc hub splines induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Damper springs not preloaded	<ul style="list-style-type: none"> - Less structural damages - Longer life of disc - Prevents damages to retainer plates
Tested in house for 50 lakh cycles at 150°C Temperature.	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

SPECIFICATIONS & COMPETITIVE EDGE

- Valeo Friction Lining
- Engines Torque rating up to 1100Nm
- Rated Torque 1880Nm
- Vehicle from to 25 Tonnes
- Valeo F510 Friction Lining
- Hub spline 1.75"X10
- Good – Multiaxle, Tripper and Trailer applications
- Passenger – Long Haul Multiaxle Luxury Buses
- Pre-dampening design
- Lower stiffness of damper spring
- Variant in dampening suitable to vehicle

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
Mahindra	MN25, MN31,MN35, MN37, MN40, MN49	G-M-NV395-CD	6801BAU00012	

395mm(15.5") Mahindra Navistar Cover Assembly



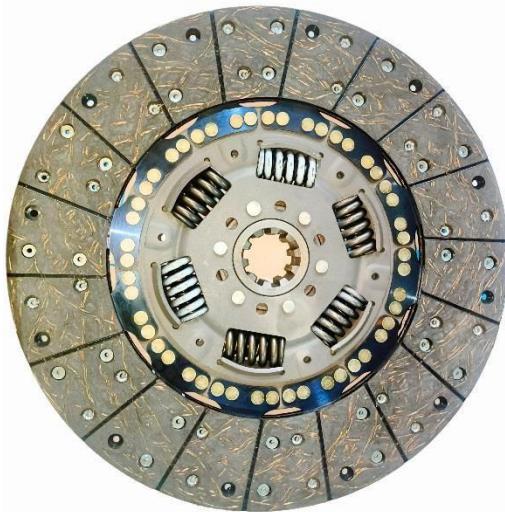
SPECIFICATIONS & COMPETITIVE EDGE

- Engines Torque rating up to 1100Nm
- Vehicle from up to 25 Tonnes
- Clamping Load 1850Kg
- Mounting hole PCD 410mm
- Stronger Diaphragm spring with 24 fingers
- Good – Multiaxle, Tripper and Trailer applications
- Passenger – Long Haul Multiaxle Luxury Buses

Special Feature	Advantages / Benefits
Diaphragm spring in place of coil springs	<ul style="list-style-type: none"> - The progressive pressure application from the diaphragm spring provides smoother clutch engagement, reducing shock and vibration - With a well-designed lever system, the diaphragm spring provide lighter pedal operation compared to some other clutch designs - The diaphragm spring acts as both, the clamping spring as well as the release lever. So many parts like eye bolts, levers, pins etc.
Sheet metal cover	<ul style="list-style-type: none"> - Better air turbulence in clutch assy. - Cooler operation - Longer life of components - Better strength
Diaphragm clutch assembly	<ul style="list-style-type: none"> - As the clutch facing wears, the diaphragm spring's pressure naturally increases, helping to maintain consistent engagement throughout the clutch life -Diaphragm springs handle higher torque loads due to their design, making them suitable for high-performance applications -The diaphragm spring design allows for a smaller clutch housing due to its efficient energy storage capabilities.
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
Mahindra	MN25, MN31,MN35, MN37, MN40, MN49	G-M-NV395-DCA	6403126090 6801AAP00012	



Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material
Clutch disc hub splines induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Damper springs not preloaded	<ul style="list-style-type: none"> - Less structural damages - Longer life of disc - Prevents damages to retainer plates
Tested in house for 50 lakh cycles at 150°C Temperature.	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque up to 880Nm
- Rated Torque 1850 Nm
- Vehicles up to 25 tonnes
- Valeo F510 Friction Lining
- Hub Spline 1.75 X10
- Good – Multi Axle trailers, Long haul & Trippers
- Passenger – Intra City, Bus

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
AL, TATA, Eicher	395 Dia BS VI Organic. Mahindra Blazo	G-AL395-CD	3400112100 FAT01300 L-03040-1049-00	



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque up to 1100Nm
- Rated Torque 1850 Nm
- Vehicles up to 25 tonnes
- MIBA friction button thickness 4.5mm
- Hub spline 1.75 X10
- Good – Multi Axle trailers, Long haul & Trippers
- Passenger – Intra City, Bus

Special Feature	Advantages / Benefits
Ceramic button pad	<ul style="list-style-type: none"> - Ceramic clutches can withstand higher temperatures compared to organic or metallic clutches. This makes them suitable for high-performance applications where heat generation is significant, such as racing or heavy-duty driving - Ceramic materials offer excellent friction properties, providing a consistent and efficient grip between the clutch surfaces. This can contribute to better performance and smoother engagement - Ceramic material can withstand significantly higher temperatures than organic clutch plates, making them suitable for high-power applications with frequent hard acceleration and heavy towing
Clutch disc hub splines induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Damper springs not preloaded	<ul style="list-style-type: none"> - Less structural damages - Longer life of disc - Prevents damages to retainer plates
Tested in house for 50 lakh cycles at 150°C Temperature.	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
AL	. Mahindra Blazo	G-AL395-BU	3400120100 L-03040-1034-03	Ceramic 8 pad
TATA				
EICHER				

395mm(15.5) AL Diaphragm Cover Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engines Torque rating 1100Nm
- Vehicle from to 30 Tonnes
- Clamping Load 2350Kg
- Mounting hole PCD 410 mm
- Stronger Diaphragm spring with 18 & 24 fingers
- Good – Multiaxle, Tripper and Trailer applications
- Passenger – Long Haul Multiaxle Luxury Buses
- Serviceable type Cover Assembly
- Original equipment to Tata Motors, Leyland,

Special Feature	Advantages / Benefits
Diaphragm spring in place of coil springs	<ul style="list-style-type: none"> - The progressive pressure application from the diaphragm spring provides smoother clutch engagement, reducing shock and vibration - With a well-designed lever system, the diaphragm spring provide lighter pedal operation compared to some other clutch designs - The diaphragm spring acts as both, the clamping spring as well as the release lever. So many parts like eye bolts, levers, pins etc.
Sheet metal cover	<ul style="list-style-type: none"> - Better air turbulence in clutch assy. - Cooler operation - Longer life of components - Better strength
Diaphragm clutch assembly	<ul style="list-style-type: none"> - As the clutch facing wears, the diaphragm spring's pressure naturally increases, helping to maintain consistent engagement throughout the clutch life - Diaphragm springs handle higher torque loads due to their design, making them suitable for high-performance applications - The diaphragm spring design allows for a smaller clutch housing due to its efficient energy storage capabilities.
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
AL	Mahindra Blazo	G-AL395-DCA	6403133090 1400243110	BS VI-395

430mm (17") Prima Disc Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque rating from 900Nm to 1800Nm
- Max Rated Torque 2780NM
- Vehicles up to 30 tonnes
- Valeo F510 Friction Lining
- Hub splines-2"X10 & 1.75"X10
- Lower stiffness of damper spring
- Variants in dampening suitable to vehicle
- Good – Multi Axle trailers, Long haul & Trippers
- Passenger – Intra City, Bus

Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material
Non-asbestos lining	<ul style="list-style-type: none"> - To meet international requirements - Free from Health Hazard
Clutch disc hub splines Induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Pre-damper Clutch disc	<ul style="list-style-type: none"> - Absorbing shock loads, the pre-damper clutch protect other components within the drivetrain from excessive wear and tear - Absorbing torque fluctuations during gear changes, pre-damper clutches enable smoother transitions between gears, especially at low speeds. - Pre-damper clutches are particularly advantageous in vehicles with high-performance engines, diesel engines, or those experiencing significant engine vibration at low RPM
Tested in house for 50 lakh cycles at 150°C temperature	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Give smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
TATA	4028, 4023, 3128, 2528	G-P4301-CD	5805 2540 0108	

430mm (17") Prima Cover Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque rating from 900Nm to 1800Nm
- Vehicle from up to 30 Tonnes
- Clamping Load 2900Kg
- Mounting hole PCD 450mm
- Stronger Diaphragm spring with 24 fingers
- Lightweight Pressed Steel Cover
- Thicker Pressure Plate
- Good – Multiaxle, Tripper and Trailer applications
- Passenger – Long Haul Multiaxle Luxury Buses
- Original equipment to Tata Motors, Bharat Benz, MAN.

Special Feature	Advantages / Benefits
Diaphragm spring in place of coil springs	<ul style="list-style-type: none"> - The progressive pressure application from the diaphragm spring provides smoother clutch engagement, reducing shock and vibration - With a well-designed lever system, the diaphragm spring provide lighter pedal operation compared to some other clutch designs - The diaphragm spring acts as both, the clamping spring as well as the release lever. So many parts like eye bolts, levers, pins etc.
Sheet metal cover	<ul style="list-style-type: none"> - Better air turbulence in clutch assy. - Cooler operation - Longer life of components - Better strength
Diaphragm clutch assembly	<ul style="list-style-type: none"> - As the clutch facing wears, the diaphragm spring's pressure naturally increases, helping to maintain consistent engagement throughout the clutch life - Diaphragm springs handle higher torque loads due to their design, making them suitable for high-performance applications - The diaphragm spring design allows for a smaller clutch housing due to its efficient energy storage capabilities.
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
TATA	4028, 4023, 3128, 2528, 3138, 3225, 4925, 4825, 5525, 5530, LPS 4027, LPS 4938, LPK 2530, LPK 4928	G-P4300-DCA	5805 2540 0108 5850 2540 0101	

430mm (17") Benz Disc Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque rating from 1000Nm to 1550Nm
- Max Rated Torque 2600 NM
- Vehicles up to 30 tonnes
- Valeo F510 Friction Lining
- Hub splines-2"X18 & 1.75"X10
- Lower stiffness of damper spring
- Variants in dampening suitable to vehicle
- Good – Multi Axle trailers, Long haul & Trippers
- Passenger – Intra City, Bus

Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material
Non-asbestos lining	<ul style="list-style-type: none"> - To meet international requirements - Free from Health Hazard
Clutch disc hub splines Induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Pre-damper Clutch disc	<ul style="list-style-type: none"> - Absorbing shock loads, the pre-damper clutch protect other components within the drivetrain from excessive wear and tear - Absorbing torque fluctuations during gear changes, pre-damper clutches enable smoother transitions between gears, especially at low speeds. - Pre-damper clutches are particularly advantageous in vehicles with high-performance engines, diesel engines, or those experiencing significant engine vibration at low RPM
Tested in house for 50 lakh cycles at 150°C temperature	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Give smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
BHARAT BENZ	2823C,2828CH,3528C,3528CM,4828R,4828RT,5028TT,5528TT,5032TT,5532TT,2532CM, 3532CM	G-BB4303-CD	343 0192 10 3430300100 L-03043-1131-00-A A4002504203	

430mm (17") Benz Cover Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque rating from 900Nm to 1800Nm
- Vehicle from to 30 Tonnes
- Clamping Load 2900 Kg
- Mounting hole PCD 450 mm
- Stronger Diaphragm spring with 24 fingers
- Lightweight Pressed Steel Cover
- Thicker Pressure Plate
- Good – Multiaxle, Tripper and Trailer applications
- Passenger – Long Haul Multiaxle Luxury Buses
- Original equipment to Tata Motors, Bharat Benz, MAN.

Special Feature	Advantages / Benefits
Diaphragm spring in place of coil springs	<ul style="list-style-type: none"> - The progressive pressure application from the diaphragm spring provides smoother clutch engagement, reducing shock and vibration - With a well-designed lever system, the diaphragm spring provide lighter pedal operation compared to some other clutch designs - The diaphragm spring acts as both, the clamping spring as well as the release lever. So many parts like eye bolts, levers, pins etc.
Sheet metal cover	<ul style="list-style-type: none"> - Better air turbulence in clutch assy. - Cooler operation - Longer life of components - Better strength
Diaphragm clutch assembly	<ul style="list-style-type: none"> - As the clutch facing wears, the diaphragm spring's pressure naturally increases, helping to maintain consistent engagement throughout the clutch life - Diaphragm springs handle higher torque loads due to their design, making them suitable for high-performance applications - The diaphragm spring design allows for a smaller clutch housing due to its efficient energy storage capabilities.
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
BHARAT BENZ	2823C,2828CH,3528C ,3528CM,4828R, 4828RT,5028TT,5528 TT,5032TT,5532TT,25 32CM, 3532CM	G-BB4302-DCA	5805 2540 0108 5850 2540 0101	

430mm (17") Man Cover Assembly



SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque rating from 900Nm to 1800Nm
- Vehicle from to 30 Tonnes
- Clamping Load 3265 Kg to 3571 Kg
- Mounting hole PCD 450mm
- Lightweight Pressed Steel Cover
- Thicker Pressure Plate
- Stronger Diaphragm spring with 24 fingers
- Good – Multiaxle, Tripper and Trailer applications
- Passenger – Long Haul Multiaxle Luxury Buses
- Original equipment to Tata Motors, Bharat Benz, MAN.

Special Feature	Advantages / Benefits
Diaphragm spring in place of coil springs	<ul style="list-style-type: none"> - The progressive pressure application from the diaphragm spring provides smoother clutch engagement, reducing shock and vibration - With a well-designed lever system, the diaphragm spring provide lighter pedal operation compared to some other clutch designs - The diaphragm spring acts as both, the clamping spring as well as the release lever. So many parts like eye bolts, levers, pins etc.
Sheet metal cover	<ul style="list-style-type: none"> - Better air turbulence in clutch assy. - Cooler operation - Longer life of components - Better strength
Diaphragm clutch assembly	<ul style="list-style-type: none"> - As the clutch facing wears, the diaphragm spring's pressure naturally increases, helping to maintain consistent engagement throughout the clutch life - Diaphragm springs handle higher torque loads due to their design, making them suitable for high-performance applications - The diaphragm spring design allows for a smaller clutch housing due to its efficient energy storage capabilities.
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
MAN	F90,F2000	G-M4311-DCA	3400 122 201 019 250 00 01	
MERCEDES	AXOR I,II			

430mm (17") Eicher Pro Disc Assembly



SPECIFICATIONS & COMPETITIVE EDGE:

- Valeo Friction Lining
- Engine Torque rating 950Nm to 1550Nm
- Max Rated Torque 2600Nm
- Vehicles up to 30 tonnes onwards
- Valeo F510 Friction Lining
- Hub spline 2"X10 & 1.75"X10
- Variants in dampening suitable to vehicle
- Good – Multi Axle trailers, Long haul & Trippers
- Passenger – Intra City, Bus
- Damper springs are not preloaded. Less structural damage, longer life of clutch disc.

Special Feature	Advantages / Benefits
Organic facings with cushion segment	<ul style="list-style-type: none"> - Gives smooth clutch engagement - Improves life of gear box - Less likely to damage the flywheel and pressure plate due to its softer friction material
Non-asbestos lining	<ul style="list-style-type: none"> - To meet international requirements - Free from Health Hazard
Clutch disc hub splines Induction hardened	<ul style="list-style-type: none"> - Less wear & longer life of disc & gearbox drive shaft splines.
Pre-damper Clutch disc	<ul style="list-style-type: none"> - Absorbing shock loads, the pre-damper clutch protect other components within the drivetrain from excessive wear and tear - Absorbing torque fluctuations during gear changes, pre-damper clutches enable smoother transitions between gears, especially at low speeds. - Pre-damper clutches are particularly advantageous in vehicles with high-performance engines, diesel engines, or those experiencing significant engine vibration at low RPM
Tested in house for 50 lakh cycles at 150°C temperature	<ul style="list-style-type: none"> - Longer defect free life cycle
Dynamically balanced	<ul style="list-style-type: none"> - Give smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
Eicher Pro	2823C, 2828CH, 3528C, 3528CM, 4828R, 4828RT, 5028TT, 5528TT, 5032TT, 5532TT, 2532CM, 3532CM, 8049, 8031, 6025 (9S)	G-E4306-CD	3430286100 3430300100 ID318935	



430mm (17") Eicher Pro Cover Assembly

Special Feature	Advantages / Benefits
Diaphragm spring in place of coil springs	<ul style="list-style-type: none"> - The progressive pressure application from the diaphragm spring provides smoother clutch engagement, reducing shock and vibration - With a well-designed lever system, the diaphragm spring provide lighter pedal operation compared to some other clutch designs - The diaphragm spring acts as both, the clamping spring as well as the release lever. So many parts like eye bolts, levers, pins etc.
Sheet metal cover	<ul style="list-style-type: none"> - Better air turbulence in clutch assy. - Cooler operation - Longer life of components - Better strength
Diaphragm clutch assembly	<ul style="list-style-type: none"> - As the clutch facing wears, the diaphragm spring's pressure naturally increases, helping to maintain consistent engagement throughout the clutch life - Diaphragm springs handle higher torque loads due to their design, making them suitable for high-performance applications - The diaphragm spring design allows for a smaller clutch housing due to its efficient energy storage capabilities.
Dynamically balanced	<ul style="list-style-type: none"> - Gives smooth running due to less vibrations - Reduces wear & tear of clutch & gearbox components.

SPECIFICATIONS & COMPETITIVE EDGE

- Engine Torque rating from 900Nm to 1800Nm
- Vehicle from to 30 Tonnes
- Clamping Load 3265Kg to 3571Kg
- Mounting hole PCD 450 mm
- Stronger Diaphragm spring with 24 fingers
- Lightweight Pressed Steel Cover
- Thicker Pressure Plate
- Good – Multiaxle, Tripper and Trailer applications
- Passenger – Long Haul Multiaxle Luxury Buses
- Original equipment to Tata Motors, Bharat Benz, MAN.

Application

Make	Model	GCPA Part Number	OEM Cross Reference	Remarks
Eicher Pro	2823C, 2828CH, 3528C, 3528CM, 4828R, 4828RT, 5028TT, 5528TT, 5032TT, 5532TT, 2532CM, 3532CM, 8049, 8031, 6025 (9S)	G-E4305-DCA	1430377100	