



Aftermarket Products Catalog





Vision

Achieve excellence through lean manufacturing, quality, cost competitive, eco-sensitive engineering solutions to attain customer delight.

Mission

Attain global leadership in the realm of mobility and engineering solutions using disruptive innovation and technologies.

About Us

Shivam Autotech Limited, a well respected name in the Manufacturing Industry, is one of the largest manufacturers of transmission gears and shafts in India, serving leading automobile manufacturers of their strategic and supply chain partner.

From manufacturing gears for motorcycles way back in 1999, developing critical components for Aerospace, the company has come a long way and diversified into multiple verticles and initiated export too.

Shivam Autotech is now expanding its range and entering into aftermarket to deal with the end customer's demand. The company is committed to provide OE quality products with frugal product engineering at it's state of art manufacturing technology.

Headquartered in Gurgram, Haryana the company at present employs 3000+ people and has expanded from single solution to a diverse range of pioneering products.

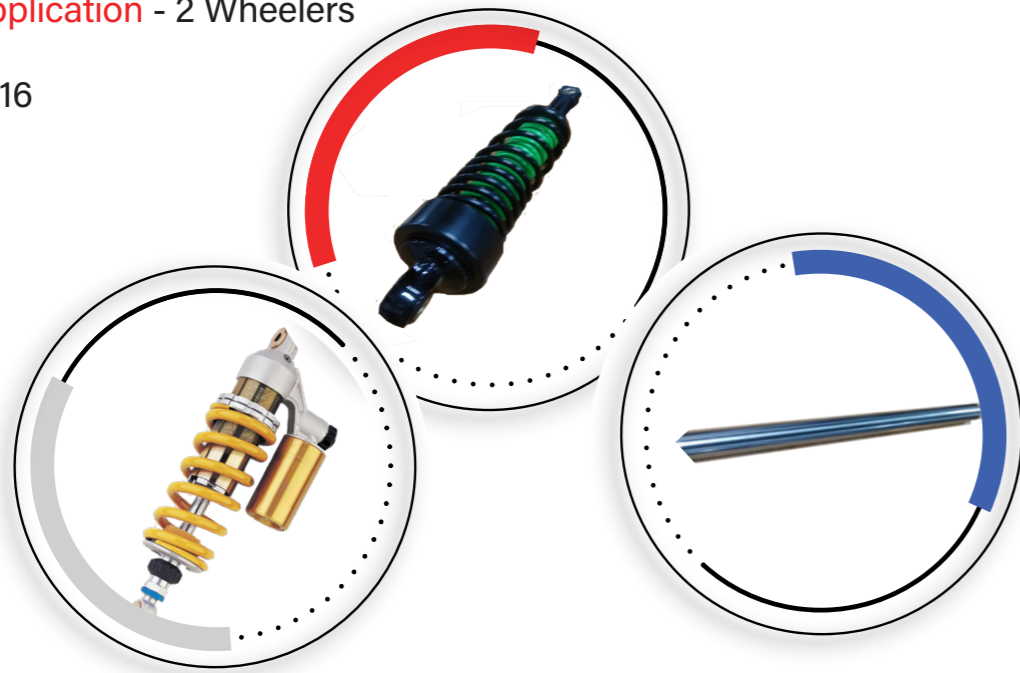


Shock Absorber & Front Fork

The rear shocker is an essential part of any 2 wheeler, and one of the most important components for optimized vehicle dynamics. The rear shocker not only protects the rider from extreme road undulations, but also protects the rigid chassis structure by absorbing and dissipating the load. The product features highest quality of components, mistake proof assembly process and thorough 100 % inspection as per OE standards.

Vehicle Application - 2 Wheelers

Variants - 16



Product USP

Designed and Developed by one of the pioneers of 2W suspension design in India

Integrated Differential Axle

The integrated differential axle is a banjo type axle assembly incorporating the complete transmission, i.e. the geartrain, differential, and drive axles, in a metal housing. Mechanical drum brake assembly is mounted on either side to complete the product assembly. The product is available in standard 33 inch length (flange to flange), and 160 mm drum diameter; however the specification can be as per customer requirements.

Vehicle Application - E-Rickshaw / E-Cart

Variants - as per requirement

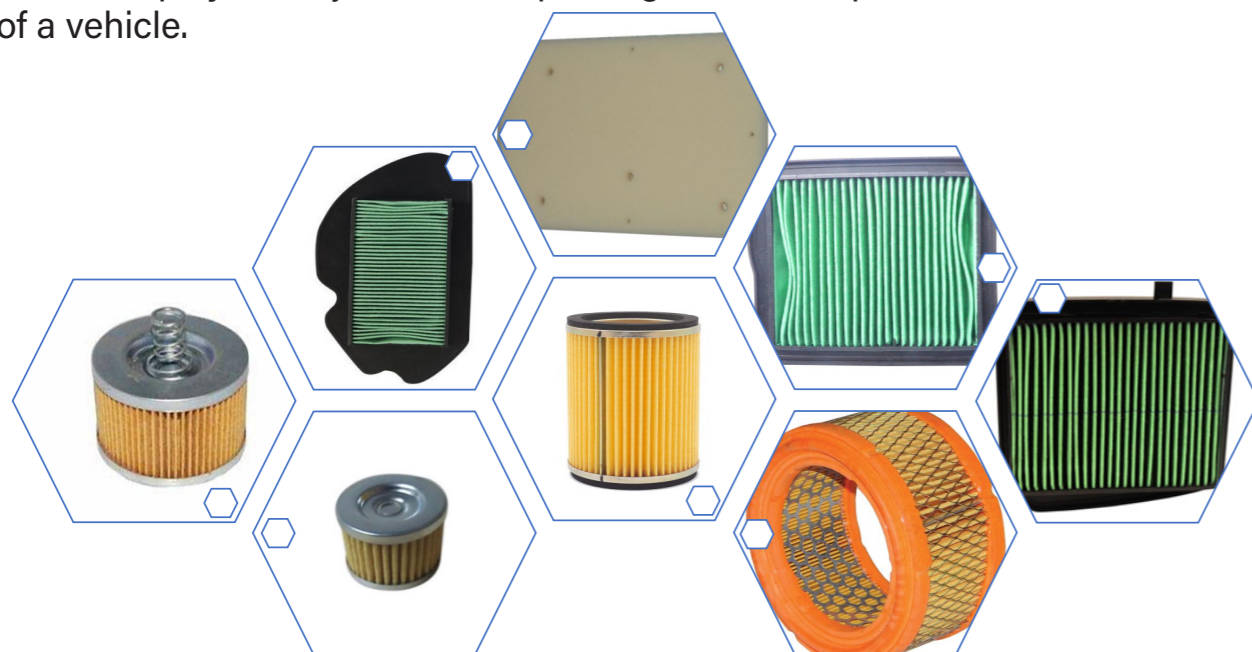
Product USP

- Designed, Developed and Made in India
- Flexibility in modification of design specification as per customer requirements
- All geartrain parts manufactured using patented warm forging technology / state of the art net shape cold forging technology
- Robust assembly process including 100 % end of line inspection for torque transmission and leakage



Automotive Filters

Automotive filters are designed to help the engine of a vehicle to operate in a smooth manner, for improving the efficiency and reduction of maintenance cost of the vehicle. Filters are used in vehicles for oil purity, fuel purity, air purity, and emission exhaust purity. A Filter is very important part of the engine system of a vehicle & plays a major role in improving the overall performance and efficiency of a vehicle.



Part No	Application	Type
S-HE-P-A-M	Super Splendor / Passion Pro / Glamour	Air
S-HE-F-A-M	Splendor / Splendor Plus / Passion / Passion Plus / CD Dawn	Air
S-RE-PU-A-M	Thunderbird / Enfield / Classic 350 cc (New Models)	Air
S-BJ-P-O-M	Discover 125ST / 100T / Caliber / Pulsar 135 / Pulsar AS 150 / V 15	Oil
S-BJ-D-F-A-M	Discover 100 cc / 125 cc / 150 cc	Air
S-BJ-F-A-M	Platina 100 cc / CT 100 / Caliber / Boxer	Air
S-BJ-PD-F-A-M	Pulsar DTS-i	Air
S-HO-PM-A-M25	CB Shine / Stunner / CB Shine SP Edition	Air
S-HO-PM-A-M10	Dream Yuba / Dream Neo / CD 110 / Livo	Air
S-HO-PM-A-S	Activa 3G / I / Aviator HET Models / Navi	Air
S-HO-PM-A-S-AOM	Activa Old Model	Air
S-TV-P-O-M	Apache - All Series	Oil

Bendix Assembly



The Bendix Assembly is part of the vehicle starting system, and has a combination of features to enable smooth starting of the engine. The bendix works in tandem with the starter motor and the ring gear mounted on the engine crankshaft. When the 'engine start' button is pressed by the rider, there are a number of operations happening within the blink of an eye to transfer and amplify the starter motor torque to engine crank shaft; when the engine starts and the 'engine start' button is disengaged, the bendix assembly prevents torque transfer in reverse, i.e. from engine to the starter motor, thus protecting the starter motor from damage.

Vehicle Application - All 100 cc / 110 cc / 125 cc scooters

Variants - 1

Product USP - The product is the culmination of a combination of factors such as -

- Superior German Technology
- Frugal Product Engineering
- State of the Art Manufacturing Technology

One Way Clutch



The One Way Clutch (OWC) assembly is an integral part of the motorcycle starting system, and performs the dual function of transferring torque from starter motor to the engine while starting, and preventing torque transfer in reverse whilst being continuously engaged with the engine and rotating at engine rpm thereby working as a bearing when the motorcycle is running; hence the name One Way Clutch. The product is indigenously designed and developed, and tested rigorously at component and vehicle level, ensure flawless operation in all conditions.

Vehicle Application - All Hero 100 & 110 cc motorcycles, All Honda 110 cc motorcycles

Variants - 1

Product USP - The product features a unique design, i.e. forged net shaped cam profile; made from ISO/EN grade of raw material steel, and heat treated to ensure optimum strength and endurance. Shivam has applied for design patent for the product in India.

Water Pump



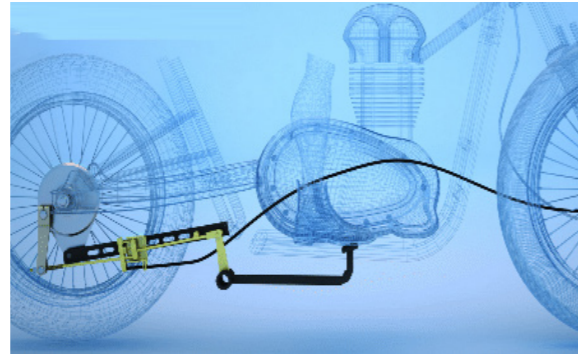
The water pump in your car keeps the engine coolant (mixed with water) circulating through the engine cooling circuit in order to keep the engine within the optimum operating temperature range. The water pump is a mechanical centrifugal pump directly connected to the engine via rubber belt and pulley; as the engine rotates, the impeller rotates and the water coolant mixture is sucked from the radiator bottom tank, and pushed through the engine cooling channels where the engine heat is absorbed into the water coolant mixture. This hot liquid is further pushed into the radiator where the heat from the water coolant mixture is transferred to the atmosphere.

Vehicle Application - Passenger Vehicles

Variants - 5

Product USP - OE quality product with 100 % leakage test done on all water

Combined Braking System (CBS)



CBS is now mandatory (as optional to ABS) on all 2 & 3 wheelers. The product ensures rider / driver safety during braking by ensuring that both front and rear brakes are applied on actuation of single brake control. This allows shorter stopping distance and stable braking; the entire braking system is designed as per the brake testing standard requirements, in combination with customer specific requirements.

Vehicle Application - 2 & 3 Wheelers

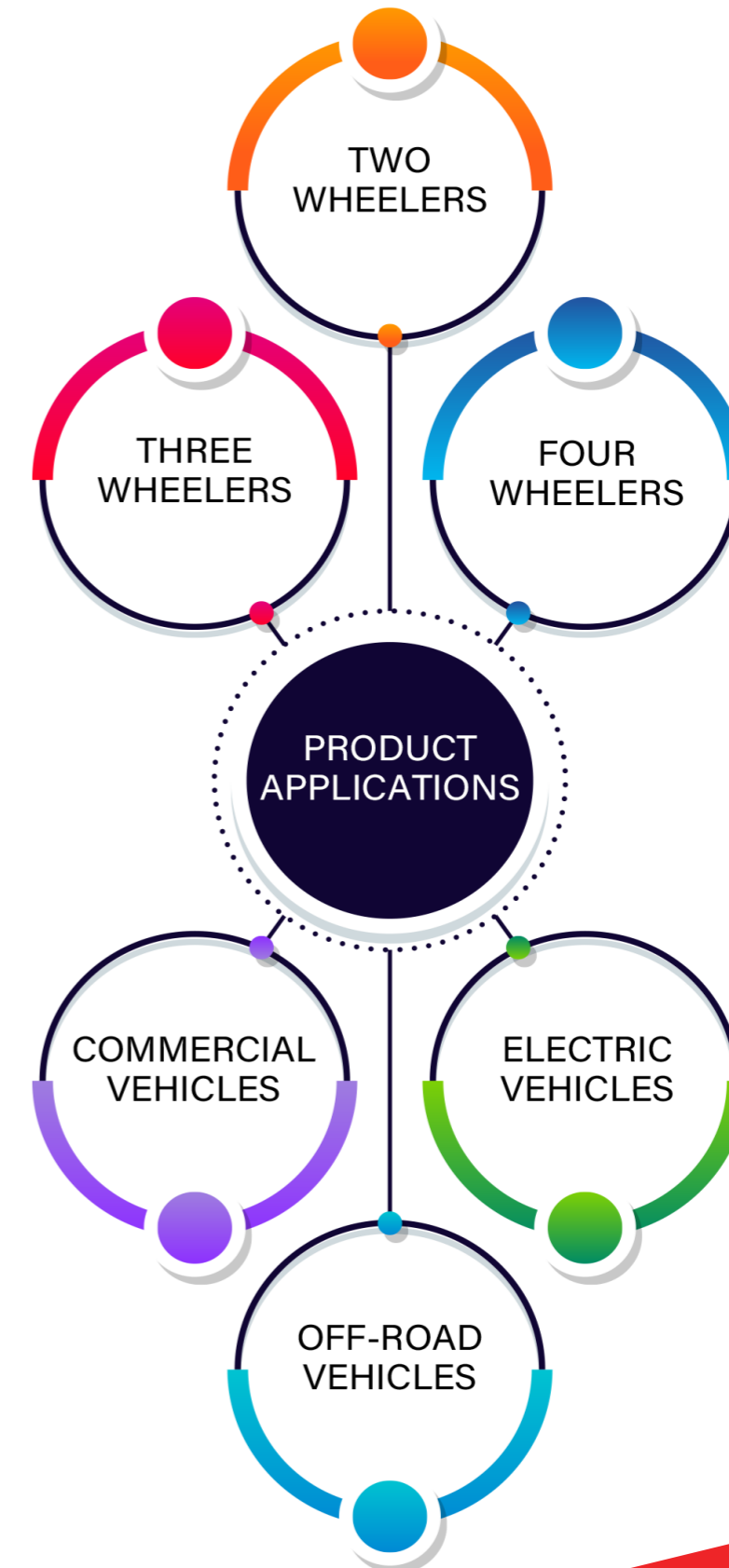
Variants

- Drum - Drum for motorcycles. Also available for retro-fitting on old motorcycles without CBS
- Drum - Drum for scooters
- Disc - Drum for motorcycles and scooters
- Disc - Drum for L5 3W

Product USP

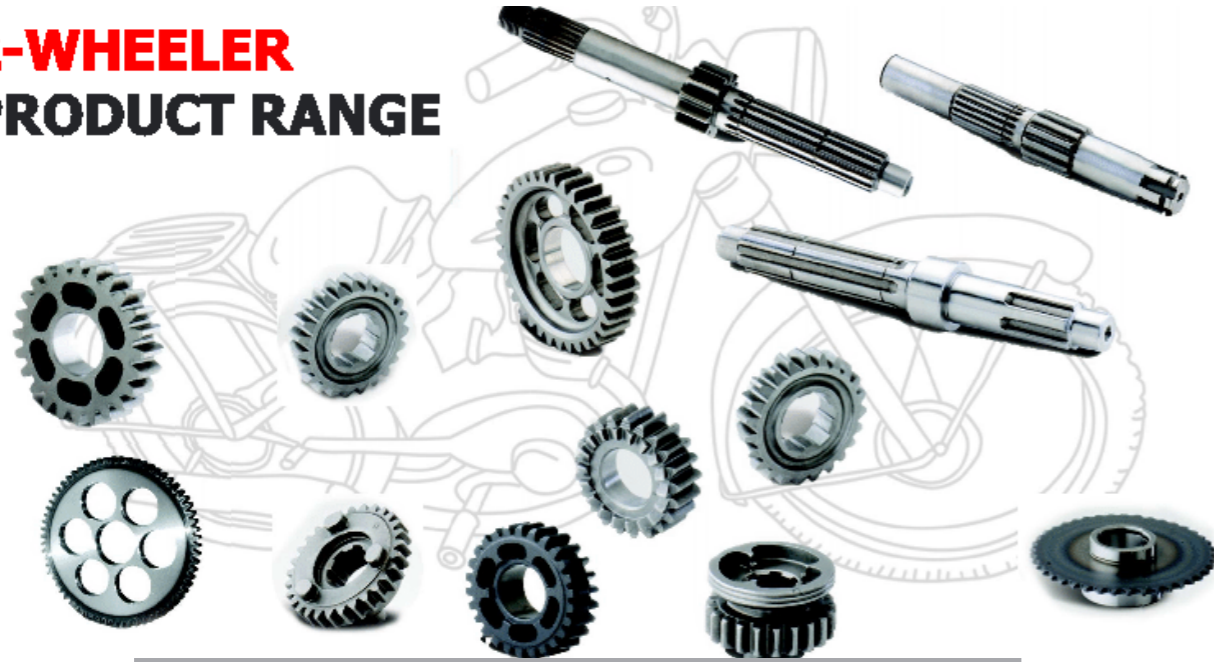
- 2W Disc-disc & 3W L5 disc - drum design featuring unique combination valve
- Customer centric approach

Product Applications



Some of our OEM Product Range...

2-WHEELER PRODUCT RANGE



Transmission Gears & Shafts

4-WHEELER PRODUCT RANGE



Steering Components

Customers



Starter Motor Components



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