

TC24 Engine



Formula D



## OSGIKEN Philosophy

*OS Giken constantly strives to advance race technology,  
through our pursuit of producing true racing-spec parts  
for all vehicle components from the engine down to the road surface.*

# OSGIKEN World

[www.osgiken.co.jp](http://www.osgiken.co.jp)  
Corporate Profile



GT300 Winner



HIACE

[www.osgiken.co.jp](http://www.osgiken.co.jp)  
**OSGIKEN Co., Ltd.**

464 Okimoto, Nakaku, Okayamashi, Okayama 702-8001  
TEL: +81-86-277-6609 FAX: +81-86-277-8115

since 1973

**OSGIKEN Co., Ltd.** Racing Power Unit & Parts Development



# LEGENDARY DURABILITY AND PERFORMANCE



**OS RACING CLUTCH**



OS88 Sequential Transmission

RB30-E2996 RB26DETT

RB315-E3138 RB26DETT

since 1973

1975

Forged Pistons

1980

Aluminium Oil Pan

TC24-B1 DOHC 4 Valve Engine

1985

Multi-Plate Clutch

1990

1995

Super Lock LSD

Close Ratio Gear Kit

2000

Crank Shaft

STR Clutch

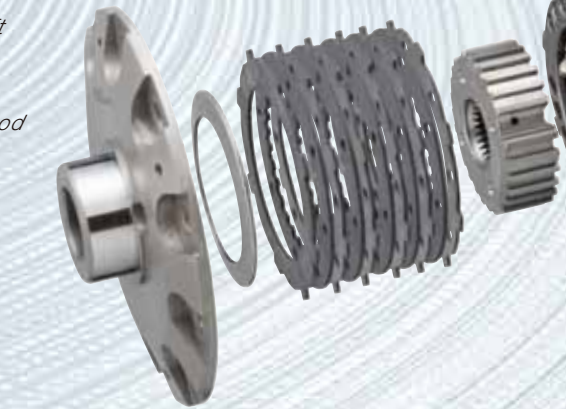
2005

Connecting Rod

Cam Gear

2010

**OS STR CLUTCH**



**OS SUPER LOCK LSD**

**OS T.C.D** TRACTION CONTROL DIFFERENTIAL

**OS SUPER LOCK NEO**



## Corporate Profile

Name: OS Giken Co.,LTD.  
 Head Office: 464 Okimoto, Nakaku, Okayamashi, Okayama 702-8001 Japan  
 TEL: +81-86-277-6609 FAX: +81-86-277-8115  
 URL: <http://www.osgiken.co.jp/>  
 Founded: 1973  
 Established: 04/08/1988  
 Directors: Chairman Masaharu Okazaki  
 President Michiko Okazaki  
 Capital: 10,000,000 JPY (As of 01/31/2010)  
 Employees: 12 (As of 01/31/2010)  
 Major Business Areas: Planning, development, Production and distribution of aftermarket high-performance drive train parts. (Engine, Clutch, Transmission and L.S.D.)

## Major Domestic Dealers:

HPI CO.,LTD  
 SPK CORPORATION  
 TAKAMA COMPETITION  
 TOMEI POWERED INC.  
 TRUST CO.,LTD

## Group Company:

KANRIN Co., LTD

## Major Overseas Dealers:

OS Giken USA (Toyota Tsusho America Inc.) /USA  
 OS Giken UK (R.B.Motorsport) /UK  
 Intraco Trading /JAE  
 Auto Turbo /Greece  
 ST Powered Pte Ltd /Singapore  
 OTOMOTO Pty Ltd /Australia  
 OS Giken NZ (Dodson Auto Spares Ltd) /New Zealand  
 RED POINT Tuning Center /Russia

## Major Domestic Suppliers:

Kobe Steel LTD  
 Chuo Spring Co., LTD  
 Tokai Carbon Co., LTD  
 Nippon Carbon Co., LTD  
 Mitsubishi Steel MFG. Co., LTD  
 Mitsubishi Materials Corporation  
 Riken Corporation

## Technical Support / Assistance:

Okura Auto  
 Off Road Service TANIGUCHI  
 Craft TEC



RB30-E2996 RB26DETT

## History

- 1975 Released TC16-MA II Engine
- 1980 TC16-MA II Took the victory at the All nippon All-star Dirt-Trial at SUZUKA circuit.  
Driver: Nobuhiro "Monster" TAGIMA.
- 1981 Released TC24-B1 Engine
- 1982 TC24-B1 Podium finish(3rd position) at the SCCA pro rally in NEVADA(USA).  
Driver: Nobuhiro "Monster" TAGIMA.  
Released Multi Plate Racing Clutch kit.
- 1983 Released LSD(limited slip differential).  
Supplied CUSCO brand LSD to CARROSSER until 1993.
- 1988 Established OS Giken Co., LTD in April.
- 1992 Established group company KANRIN Co., LTD as a production departmet in July.
- 1996 Released RB30 engine for Nissan GT-R RB26
- 1997 Released Super Lock LSD
- 1998 Released OS-88 6 speed sequential transmission for Nissan GT-R RB26
- 2002 Patent granted for OS LSD on February 1st in ROC (Taiwan)
- 2003 Patent granted for OS LSD on February 25th in USA and Japan
- 2005 Patent granted for OS LSD on March 29th in KOREA

Engine Type	Customized Cylinder Head for Nissan L-18 Cylinder Block
Cylinders	Straight 4
Cooling	Water cooled
Displacement	1,918 cc
Bore / Stroke	88.5 x 78
Compression	10.2
Maximum HP	205 HP (8,200 rpm)
Maximum torque	20 KgM (6,800 rpm)
Maximum Rev.	9,000 rpm
Cam	DOHC
Valve	4 valve / cylinder
Fuel system	Carbureted (Solex 44PHI x 2)

Engine Type	Customized Cylinder Head for Nissan L-28 Cylinder Block
Cylinders	Straight 6
Cooling	Water cooled
Displacement	2,870 cc
Bore / Stroke	87.8 x 79
Compression	11.0
Maximum HP	325 HP (7,400 rpm)
Maximum torque	33KgM (6,100 rpm)
Maximum Rev.	9,000 rpm
Cam	DOHC
Valve	4 valve / cylinder
Fuel system	Carbureted (Weber 48-50 x 2)