

**MERITOR**<sup>®</sup>

An *ArvinMeritor*<sup>™</sup> Brand



# HYDRAULIC BRAKE PRODUCT CATALOG



PB-99127  
Revised 07/08

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# CATALOG ILLUSTRATION DISCLAIMER

The Meritor Product Photo and Illustration Sections are to be used as a supplemental aid in identifying the configurations and specifications of many of the hydraulic brake parts found in this Catalog.

## CAUTION

**IN NO CASE SHOULD THESE PICTURES & ILLUSTRATIONS BE USED TO MAKE PRODUCT SUBSTITUTIONS. USE THE APPROPRIATE CATALOG APPLICATION DATA TO DETERMINE THE CORRECT PART.**

These illustrations are intended to show the configurations of **Meritor parts only**. The outward appearance of these parts may or may not match OEM or competitive parts.

The Photographs and Illustrations shown in this catalog are typical and may vary slightly in detail from actual parts due to manufacturing tolerances, and/or OEM design differences. The general configuration of the part will be the same, i.e. port positions, mounting holes, etc.

**Many parts may have the same external dimensions, but have different internal dimensions and/or materials. These differences make it imperative that only the application guide be used to determine the suitability of a particular part.**

The Casting Number Indexes and related information shown is to identify general product configurations. Casting numbers will change with different manufacturers. Casting numbers and much of the associated information is shown when available. Although Meritor believes the information contained in the Index to be correct, errors may be present and further investigation may be needed. Meritor cannot and does not assume any responsibility or liability for such errors or harm resulting therefrom.

### WARNING

**MANY PARTS THAT SEEM SIMILAR ARE DIFFERENT AND SHOULD **NOT** BE INTERCHANGED. AGAIN, NOTE THAT THE PHOTO AND ILLUSTRATION SECTION IN THIS CATALOG IS NOT TO BE USED TO MAKE PRODUCT SUBSTITUTIONS, BUT TO IDENTIFY CONFIGURATIONS AND APPLICATIONS.**

**USE ONLY THE BRAKE FLUID SPECIFIED BY THE VEHICLE MANUFACTURER. DO NOT USE PETROLEUM BASED SOLVENTS OR CLEANERS.**

### GVW Classifications for Trucks and Buses:

Class	Gross Vehicle Weight Rating
1	6,000 lbs. or less
2	6,001 - 10,000 lbs.
3	10,001 - 14,000 lbs.
4	14,001 - 16,000 lbs.
5	16,001 - 19,500 lbs.
6	19,501 - 26,000 lbs.
7	26,001 - 33,000 lbs.
8	33,001 - 55,000 lbs.

# MODEL IDENTIFICATION

## 2005 Domestic Vehicle Index Using Hydraulic Brake Systems

**DODGE**

MODEL	BODY TYPE	GVW RATINGS
2500HD 3500	4x2 / 4x4 Dodge Ram Regular Cab Pickups	9,000 LBS 11,500 - 12,000 LBS
2500HD 3500	4x2 / 4x4 Dodge Ram Quad Cab Pickups	9,000 LBS 11,500 - 12,000 LBS
Cargo Van	Dodge Sprinter Cargo Van	8,500 - 9,900 LBS
Passenger Van	Dodge Sprinter Passenger Van	8,550 LBS

**Note:** Dodge Ram Pickups and Chassis-Cabs are identified by a letter and three numbers. "D" indicates two wheel drive. "W" indicates four wheel drive. "250" indicates 8,510 lb. GVW rating. "350" indicates 8,700 to 10,100 lb GVW rating

**FORD**

MODEL	BODY TYPE	GVW RATINGS
E-350	Super Duty Wagons	8,700 - 9,400 LBS
E-350	Super Duty Vans	9,250 - 9,500 LBS
E-350	R.V. Cutaway	9,600 - 11,500 LBS
E-350	Commercial Cutaways	9,600 - 11,500 LBS
E-450	SuperDuty Cutaways	14,050 LBS
F-250	4x2 / 4x4 Super Duty Pickups	8,800 LBS
F-350	4x2 / 4x4 Super Duty Pickups	9,900 - 11,200 LBS
F-350	Super Duty Chassis Cab Series	9,900 - 12,500 LBS
F-450	Super Duty Chassis Cab Series	15,000 LBS
F-550	Super Duty Chassis Cab Series	17,500 - 19,000 LBS
F-650	Super Duty Chassis Cab Series	26,000 LBS
F-750	Super Duty Chassis Cab Series	30,000 - 33,000 LBS
LCF	Super Duty Chassis Cab Series	15,000 - 19,500 LBS

**Note:** The 17 character number used for titling, registration and identification purposes that is located on the left door above the striker on cab chassis models but on the right hand engine side of the cowl of cowl chassis models.

### 1st, 2nd, & 3rd digits are the world manufacture identifier

1FB = FMC of USA, Bus      2FB = FMC of Canada, Bus  
 1FC = FMC of USA, Truck Stripped Chassis      2FC = FMC of CDA, Truck Stripped Chassis  
 1FD = FMC of USA, Imcomplete Vehicle      2FD = FMC of CDA, Imcomplete Vehicle  
 1FM = FMC of USA, Multipurpose Vehicle      2FM = FMC of CDA, Multipurpose Vehicle  
 1FT = FMC of USA, Truck Complete Vehicle      2FT = FMC of CDA, Truck Complete Vehicle  
 9BF Ford Brazil, SA

### 4th digit is brake type and GVRW

Brakes	Class	GVRW LBS	Brakes	Class	GVRW LBS
K = Hyd	3	10,001-14,000	T = Air	3	10,001-14,000
L = Hyd	4	14,001-16,000	U = Air	4	14,001-16,000
M = Hyd	5	16,001-19,500	V = Air	5	16,001-19,500
N = Hyd	6	19,501-26,000	W = Air	6	19,501-26,000
P = Hyd	7	26,001-33,000	X = Air	7	26,001-33,000
R = Hyd	8	33,001-55,000	Y = Air	8	33,001-55,000
S = Hyd	8	55,001 & over	Z = Air	8	55,001 & over

# MODEL IDENTIFICATION

## 2005 Domestic Vehicle Index Using Hydraulic Brake Systems

**5th, 6th, and 7th digit are the Line, Series, Chassis, Cab or Body Type**

J65 = B600 Chassis Cowl, Ford Diesel  
 J75 = B700 Chassis Cowl, Ford Diesel  
 K62 = F600 Chassis Cab, Ford Diesel  
 K64 = F600 Chassis Cowl, Ford Diesel  
 K72 = F700 Chassis Cab w/LPO, Ford Diesel  
 K74 = F700 Chassis Cab, Ford Diesel  
 K75 = F700 Chassis Cowl, Ford Diesel  
 K84 = F800 Chassis Cab, Ford Diesel

**8th digit is the engine type**

**9th digit is a computer check digit**

**10th digit is model year**

**11th digit is Plant of Manufacture**

**12th through 17th digits are sequence numbers**

### FREIGHTLINER

MODEL	BODY TYPE	GVW RATINGS
Cargo Van	Dodge Sprinter Cargo Van	8,500 - 9,900 LBS
Passenger Van	Dodge Sprinter Passenger Van	8,550 LBS
M2-106 4x2 M2-106V	Business Class Trucks	16,000 - 50,000 LBS

### GM (Chevrolet / GMC)

MODEL	BODY TYPE	GVW RATINGS
C-2500HD C-3500	Pickup Series	9,200 LBS 11,400LBS
C-2500HD C-3500	Crew Cab Series	9,200 LBS 11,400LBS
C3500	Chassis Cab Series	11,400LBS
C4500 C5500 C6500 C7500	C Series	16,000 LBS 18,000 - 19,000 LBS 22,000 - 25,900 LBS 33,000 LBS
T6F042 T7F042	T Series	24,350 - 29,990 LBS 26,990 - 37,600 LBS
W3 / W4	Forward	18,000 - 19,500 LBS

**Note:** All General Motors Medium Duty Models are identified by seven characters: two Letters, a number, another letter and three more numbers. The first letter "C" indicates a Chevrolet model, a "T" indicates a GMC model. The second letter indicates the model line, "C" Medium Conventional; "D" Aluminum Tilt Astro; "G", Van series; "W" Isuzu manufactured. L-C-F Tiltmaster steel cab. The first number designates the GWR range. The third letter indicates cab style "H", 104" BBC Conventional; "T", Chassis only; "R", Steel tilt; "S" Steel Tilt. The second number is a constant "0" for future use. The third and fourth numbers designate the chassis type, 42 = 4x2, 64 = 6x4.

# MODEL IDENTIFICATION

## 2005 Domestic Vehicle Index Using Hydraulic Brake Systems

### INTERNATIONAL TRUCK AND ENGINE

MODEL	BODY TYPE	GVW RATINGS
CF500 CF600	4x2 Medium Low Cab Forward	16,000 - 19,500 LBS
1652 SC	4x2 Forward Control Stripped Chassis	19,500 - 27,000 LBS
3200 3300	4x2 School Bus Chassis Cab 4x2 School Bus Flat Back Cowl with 80 degree Tilt Hood	21,000 - 23,500 LBS 25,000 - 33,000 LBS
4200 4200 LP 4300 4300 LP 4400 4400 LP	Conventional Chassis -Cab Truck Conventional Chassis -Cab Truck LoProfile Conventional Chassis -Cab Truck Conventional Chassis -Cab Truck LoProfile Conventional Chassis -Cab Truck Conventional Chassis -Cab Truck LoProfile	23,500 - 35,000 LBS 21,660 - 27,000 LBS 23,500 - 37,000 LBS 23,500 - 27,000 LBS 25,000 - 40,000 LBS 23,500 - 27,000 LBS

**NOTE:** International truck models in current production are identified by three or four number combinations, and sometimes followed by letter suffixes. The first number indicates the basic series. The second number indicates engine type. The third number is "0" in all models except the 1000 and 2000 series, where "5" indicates lower and "7" indicates higher GVW ratings within the series. The fourth number for 1000 and 2000 series only indicates vehicle type - "2" = dual rear wheel, stripped chassis truck; "4" = dual rear wheel truck (all other models use "0" as a constant). Suffix "T" indicates Tractor, "LP" indicates Low Profile, "SFA" indicates Set-Forward-Axle, "SBA" indicates Set-Back-Axle, "CH" indicates Car Hauler

### STERLING

MODEL	BODY TYPE	GVW RATINGS
Acterra	Conventional Cab Truck	18,000 - 48,000 LBS

## 2005 IMPORT VEHICLE INDEX USING HYDRAULIC BRAKE SYSTEMS

### HINO

MODEL	BODY TYPE	GVW RATINGS
145	4x2 Conventional Chassis -Cab	15,000LBS
165	4x2 Conventional Chassis -Cab	16,000 LBS
185	4x2 Conventional Chassis -Cab	17,600 - 18,000 LBS
238	4x2 Conventional Chassis -Cab	23,000 LBS
268	4x2 Conventional Chassis -Cab	29,950 LBS

**Note:** Hino truck models are designated by two letters and four numbers. "FA" indicates Class 4; "FB" indicates Class 5; "FD" and "FE" are class 6; "FF" and SG are Class 7.

# MODEL IDENTIFICATION

## 2005 Domestic Vehicle Index Using Hydraulic Brake Systems

### ISUZU

MODEL	BODY TYPE	GVW RATINGS
NPR/W35-45	Chassis Cab Gasoline Lo-Cab-Forward	12,050 - 14,050 LBS
	Chassis Cab Diesel	12,000 - 14,500 LBS
	Crew Cab Chassis Cab	14,500 - 17,950LBS
NQR/W55	Chassis Cab Lo-Cab-Forward	17,950 LBS
NRR-HD/W55	Chassis Cab Lo-Cab-Forward	19,500 LBS
T6500-FTR	COE Tilt Cab	24,350 - 29,000 LBS
T7500-FVR	COE Tilt Cab	26,990 - 37,600 LBS
T8500-FXR	COE Tilt Cab	33,000 - 49,090 LBS

**Note:** Isuzu Trucks are identified by a three letter designation: “NPR” indicates a Class 3 GVW rating; “NRR” indicates Class 4 or 5; “FSR” indicates Class 5 or 6; “FTR” indicates class 6 or 7; “FVR” indicates class 7; “EVR” indicates class 7 tractor. Following the three letter designation is a “/W” and a number. The number indicates relative size or GVW, “4” being the lightest and “7” the heaviest.

### MITSUBISHI FUSO

MODEL	BODY TYPE	GVW RATINGS
FE120	COE Tilt Cab	12,000 LBS
FE140/145	COE Tilt Cab	14,050 LBS
FG140 AWD	COE Tilt Cab	14,050 LBS
FE180	COE Tilt Cab	12,000 LBS
FK200	COE Tilt Cab	20,935 LBS
FM260	COE Tilt Cab	25,995 LBS

**Note:** Mitsubishi Fuso Trucks are identified by two letters and three numbers. All models begin with the letter F. The second letter indicates the vehicle size, “E” being the lightest and “M” being the heaviest.

### NISSAN / UD

MODEL	BODY TYPE	GVW RATINGS
UD1300		13,000 LBS
UD1400		14,250 LBS
UD1800CS		17,995 LBS
UD1800HD		17,995 LBS
UD2000		19,500 LBS
UD2300LP		23,000 LBS
UD2300DH		23,000 LBS
UD2600		25,995 LBS
UD3300		32,900 LBS

**Note:** UD truck model designations are made up of the corporate symbol, “UD”, and a number describing the vehicles approximate GVW or GCW rating. A four number designation indicates a straight truck. A three number designation followed by the letter “T” indicates a tractor.

# NOTES

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