

Ford Mustang 1966 HT muutoskatsastus

- Konetilavuuden nosto 289 cid -> 347 cid
- Jarrumuutokset

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Vertailumalli: Ford Mustang 1966 "K-code" varustettuna 271 HP Hi-Performance 289 CID 4-V moottorilla ja rumpujarruilla

Ford tarjosi Mustang-mallille pitkän lisävarustelistan (Lista vuonna 1966 Mustang malliin saatavista optioista).

Vertailumallina käytetään tässä autoa, johon on valittu optiolistasta Hipo-moottori ilman GT- ja etulevyjarruoptiota:

271 HP Hi-Performance 289 CID 4-V
Cobra V-8 (Includes Special Handling
Package and 6.95 x 14 Dual Red Bond Nylon Tires)
Without GT Equipment Group \$ 327,92

Option mukana tuli autoon Special Handling-paketti:

*Special Handling Package - 200 and 225 HP V-8 Engines
- includes increased rate front and rear springs, larger
front and rear shock absorbers, 22 to 1 overall
steering ratio, and larger diameter front stabilizer bar \$ 30,64*

Eli lopputuloksena autossa 289 CID Hi-Performance-moottori (271 hp) ja tehtaan oletusjarrujärjestelmä: tehostamattomat yksipiiriset rumpujarrut etu- ja takajarruina.

HiPo-moottorilla varustetut autot sisältivät VIN-tunnuksessa kirjaimen "K".

Maininta oletuksena tulevasta rumpujarruista on mm. 1966 Mustang shop manuaalissa:

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1 DESCRIPTION AND OPERATION

Disc brakes are available as optional equipment for the front wheels on Mustang 8-cylinder cars. The hydraulic brake system employs dual-servo single anchor, internal expanding and self-adjusting drum brake assemblies on the rear wheels of cars with disc brakes, and of front and rear wheels of all others.

secondary brake shoe by means of the cable guide. The adjuster spring is hooked to the primary brake shoe and to the lever. The automatic adjuster operates only when the brakes are applied while the car is moving rearward and only when the secondary shoe is free to move toward the drum beyond a predetermined point. With the car moving rearward

gressively wear.

With the car moving forward and the brakes applied, the secondary shoe is against the anchor pin and the primary shoe is moved toward the drum. Therefore, the adjuster does not operate.

The rear brake assembly is basically the same as the front brake. The conventional parking brake

Etujarrut sai vaihdettua levyjarruiksi joko ottamalla option "Disk Brakes":

Disc Brakes - Front - 8-Cylinder (N/A) with Power Brakes \$ 56.77

tai

option "GT Equipment Group"

*GT Equipment Group - Available with 225
and 271 HP V-8 Engines Only (Includes
Dual Exhaust System, Fog Lamps,
Grille Bar, Special Ornamentation,
Disc Brakes, Special Handling Package
Components, GT Stripe - Less Rocker Panel Moulding \$ 152.20*

Mutta jos kumpaakaan em. optioista ei otettu, niin etu- ja takajarruina oli tehtaan oletusjarrut: 10" rumpujarru.

Lista vuonna 1966 Mustang malliin saatavista optioista

Optiolista saatavilla useista eri lähteissä, ohessa yksi.

<http://www.early-mustang.com/index.php/66-options>

FORD	1966 MUSTANG PASSENGER CAR PRICES PRINTED MARCH 10, 1966 - PRICES TO BE USED BEGINNING ON EFFECTIVE DATE OF TAX ADJUSTMENT AC
FORD	

MUSTANG MODELS	IBM CODE	BODY CODE	Suggested Retail
2 Door Hardtop	07	65A	\$ 2,416.18 (-2)
Convertible	08	76A	\$ 2,607.01 (-2)
2 + 2 Fastback	09	63A	\$ 2,652.86 (-2)

REGULAR PRODUCTION OPTIONS ENGINES

8-Cylinder 289 CID 2-V Engine 200 HP Extra Charge over 200 CID 1-V 120 HP 6- Cylinder	\$ 105,63
Extra Charge over 200 HP 289 CID Challenger V-8: 225 HP 289 CID 4V Challenger Special V-8	\$ 52.85
271 HP Hi-Performance 289 CID 4-V Cobra V-8 (Includes Special Handling Package and 6.95 x 14 Dual Red Bond Nylon Tires)	
With GT Equipment Group	\$ 276,34
Without GT Equipment Group	\$ 327,92

TRANSMISSIONS

Cruise-O-Matic - 6-Cylinder Engine	\$ 175,80
Cruise-O-Matic - 8-Cylinder - 200 and 225 HP Engines	\$ 185,39
Cruise-O-Matic - 8-Cylinder 271 HP High Performance Engine	\$ 216,27
Four-Speed Manual - 6- Cylinder	\$ 113,45
Four-Speed Manual - 8- Cylinder	\$ 184,02

POWER ASSISTS

Power Brakes	\$ 42,29
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Power steering	\$ 84,47
Power Top, Convertible	\$ 52,95
PERFORMANCE EQUIPMENT	
Battery Heavy Duty-55 Amp.	\$ 7,44
Disc Brakes - Front - 8-Cylinder (N/A) with Power Brakes	\$ 56.77
GT Equipment Group - Available with 225 and 271 HP V-8 Engines Only (Includes Dual Exhaust System, Fog Lamps, Grille Bar, Special Ornamentation, Disc Brakes, Special Handling Package Components, GT Stripe - Less Rocker Panel Moulding)	\$ 152.20
Limited Slip Differential	\$ 41,60
Rally-Pac - Clock/Tachometer	\$ 69,30
Special Handling Package - 200 and 225 HP V-8 Engines	
- includes increased rate front and rear springs, larger front and rear shock absorbers, 22 to 1 overall steering ratio, and larger diameter front stabilizer bar	\$ 30,64
Wheels, Styled Steel 8-Cylinder Models only	\$ 93,84
SAFETY EQUIPMENT	
Electric Windshield Wipers, 2-Speed	\$ 12,95
Glass, Tinted with Banded Windshield	\$ 30,25
Glass, Tinted, Windshield only	\$ 21,09
Seat Belts - Deluxe, Front and Rear	
Front Retractors and Warning Light	\$ 14,53
Visibility Group - Includes Mirror, Day/Nite Mirror, and 2-Speed Electric Wipers	\$ 29,81
COMFORT-CONVENIENCE EQUIPMENT	
Air Conditioner - Ford (Tinted Glass Recommended)	\$ 310,90
AM Radio - Stereosonic Tape System (Radio - Required)	\$ 128,49
Front Seat, Full Width/Arm Rest (65A and 76A)	\$ 24,42
Luggage Rack - Rear Deck Lid (65A and 76A)	\$ 32,44
Radio and Antenna	\$ 57,51
APPEARANCE EQUIPMENT	
Accent Stripe - Less Rear Quarter Ornamentation	\$ 13,90
Console - Full Length	\$ 50,41
Console For use with Air Conditioner	\$ 31,52
Deluxe Steering Wheel - Simulated Wood	\$ 31,52

Grain	
Interior Decor Group - Includes Special	
Interior Trim, Deluxe Wood Grain Steering	
Wheel, R/W Door Courtesy Lights	
and Pistol Grip Door Handle	\$ 94,13
Vinyl Roof - 65A	\$ 74,36
Wire Wheel Covers	\$ 58,24
Wheel Covers - Knock-Off Hubs	\$ 19,48

SPECIAL EQUIPMENT

Closed Crankcase Emission System -	
Available	
only with Exh. ECS except with 271 HP Engine	\$ 5.19
Exhaust Emission Control System - N/A with 271 HP	
Engine	\$ 45,45

DELETE OPTIONS

MagicAire Heater	(-\$ 31.52)
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OPTIONAL TIRE PRICES

The following models have (5) 6.95 x 14
4-p.r. BSW Rayon fires as standard equipment:

All models except those equipped with
the 239 CID High Performance Engine
Extra Charge for:

(5) 6.95 x 14 4-p.r. WSW	\$ 33,31
(5) 6.95 x 14 4-p.r. BSW, Nylon	\$ 15,67
(5) 6.95 x 14 4-p.r. WSW, Nylon	\$ 48,89
(5) 6.95 w 14 4-p.r. Dual Red Band, Nylon	\$ 48,97

The following models have (5) 6.95 x 14
4-p.r. Dual Red Bond Nylon tires as standard
equipment:

All models with the 289 CID High
Performance Engine

No Extra Charge For:

(5) 6.95 x 14 4-p.r. BSW, Nylon	N/C
(5) 6.95 x 14 4-p.r. WSW, Nylon	N/C

All regular Mustang production options are available with the High Performance Engine except the (following : Air Conditioning, 3-Speed Manual Transmission, Power Steering, and Rayon Tires. Regular production Options are available with the GT Equipment Group except the following: Power Brakes, Accent Stripe, and options not available when ordered with the High Performance Engine. Full width seat with center armrest is not available with Interior Decor Group, Model 63A or Console options.

Courtesy of Ford Motor Company

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Vertailumallin 271 HP Hi-Performance 289 CID 4-V moottori

K-code Mustangissa oli aina 289 Hi-po-moottori.

http://en.wikipedia.org/wiki/Ford_Windsor_engine#289_.22HiPo.22_.28K-code.29

Moottorille on ilmoitettu

289 Hipo koneen SAE brutto-teho oli 271 hp, eli kertoimella 0,7 = 189,7 DIN hp.

189,7 DIN hp = 141,5 kW

Eli vertailumoottorin teho on 141,5 kW.

Tilavuus 289 CID=4735,9 cm³

Vertailumallin jousitus

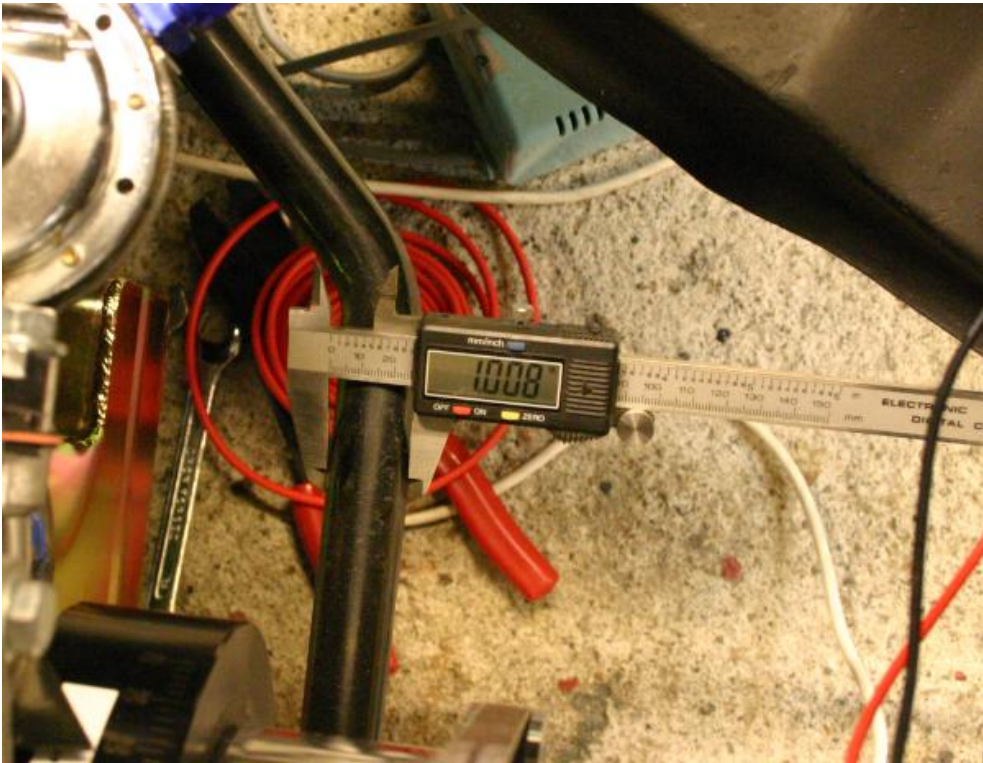
Taka- ja etujousitus on uusittu.

Takajousitus: **Virhe. Viitteen lähdettä ei löytynyt.**

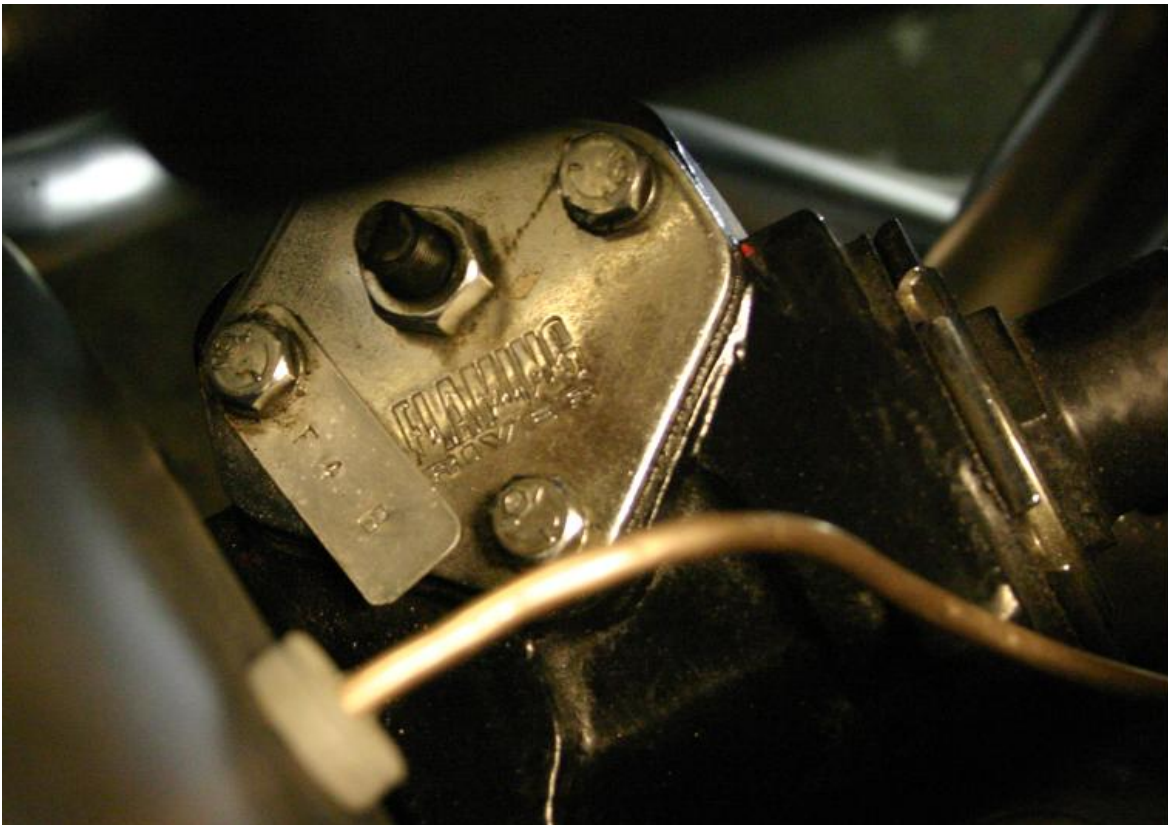
Etukierrejousi on myös uusittu.



Etupään kallistuksenvakaaja 1 tuuman paksuinen:



Ohjaussimpukka on Flaming River uustuotantoa. 16:1 välityksellä.



<https://www.flamingriver.com/index.php/products/c0011/s0003/FR1498-6>

1965-66 MUSTANG SHORT SHAFT STEERING BOX: 1" SECTOR - 16:1 RATIO

Part No.: FR1498-6

Warranty: 1 Year

\$569.00

Style	Sector
Short Shaft v	1" Sector v

CHANGE SPECS

BUY NOW >

The popular manual steering boxes for the classic Mustang (65-70) are Back in Production! All new casting, sector gear shaft and internals—not a rebuild. Replace that worn steering box with a brand new needle bearing steering box and experience the difference in steering handling and performance. Popular 16:1 ratio.

- 1965-66 Steering kit includes steering box, with 1" sector shaft
- 1967-70 Steering kit includes steering box, with 1 1/8" sector shaft and short steering shaft.
- Custom Length Classic Ford Steering Boxes can be manufactured for Falcons. Customer must supply a print and assumes full design responsibility. (Four week delivery. Full payment required with order - nonreturnable item) Call 1-800-648-8022.



Click on image to enlarge

Vertailumallin jarrut

1966 Mustang Shop manuaalissa on rumpujarrujen mitta 10”:

2-40

GROUP 2 BRAKES

CHECKS AND ADJUSTMENTS—INCHES (Continued)

MUSTANG

Master Cylinder Bore Diameter Standard Power	1.000 0.875	Lining Maximum Wear Limit (From Top of Rivets)	0.031
Master Cylinder Maximum Allowable Hone	0.003	Lining Maximum Clearance to Shoe (Midway Between Rivets)	0.008
Front Wheel Cylinder Bore Diameter 6 Cylinder Engine 8 Cylinder Engine	1.062 1.125	Pedal Ratio Pedal Travel—Standard	6.3:1 6.50
Rear Wheel Cylinder Bore Diameter 6 Cylinder Engine 8 Cylinder Engine	0.844 0.906	Pedal Travel—Power Push Rod Adjustment—Power Brakes Bendix Midland-Ross	3.54 0.980-0.995 0.995-1.005
Wheel Cylinder Maximum Allowable Hone [Ⓢ]	0.003	Hydraulic Line Diameter	0.188
Drum Diameter: 6 Cylinder Engine 8 Cylinder Engine	9.0 10.0	Parking Brake-Type Hand Operated with Handle Mounted on Lower Left Side of the Instrument Panel	
Drum Maximum Allowable Run-Out	0.007		
Drum Maximum Boring Diameter 6 Cylinder Engine 8 Cylinder Engine	9.060 10.060		
FRONT WHEEL DISC BRAKE (RPO—8 CYLINDER ENGINE)			
Master Cylinder Bore Diameter	0.938	Lining Thickness:	0.400 Nominal
Master Cylinder Maximum Allowable Hone	0.003		
Caliper Cylinder Bore Diameter	1.636	Lining Maximum Wear Limit (From Surface of Shoe)	0.030
Rotor Diameter: Outside Inside	11.375 7.375	Lining to Rotor Clearance (Brakes Released)	0.002-0.010
Rotor Thickness	0.810	Pedal Travel (Non Power)	6.50
Rotor Maximum Allowable Runout	0.002	Pedal Ratio	5.57:1
Lining Area	34.00 sq. in.		

[Ⓢ]Front Wheel Brake Cylinders on 6 Cyl. Cars cannot be Honed

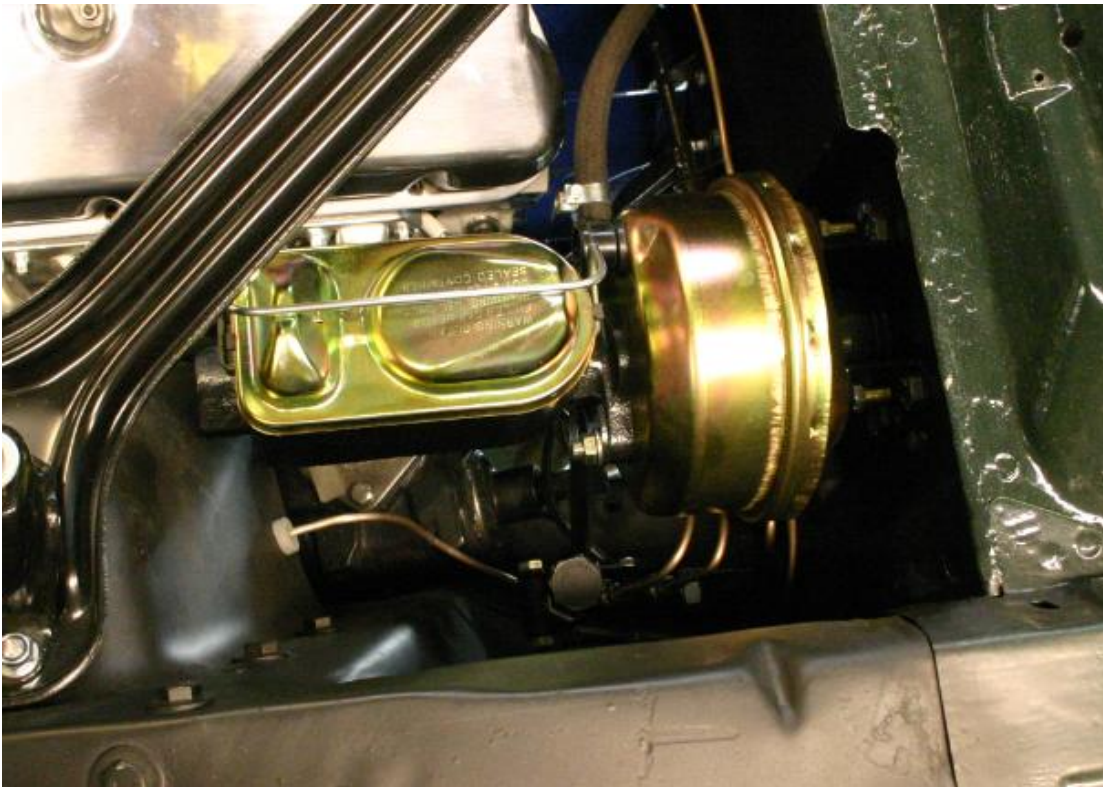
FORD AND PONTIAC

Eteen ja taakse vaihdettu levyjarrut (Virhe. Viitteen lähde ei löytynyt. ja Virhe. Viitteen lähde ei löytynyt.)

Baer SS4+ jarrulevyn ulkohalkaisija on 11”



Jarrupääsylinteri kaksipiirinen ja erillinen jarrupaineen tasaaja takajarruille:



Jarrupääsylinterin tyyppi on 10-1897 (ostettu uuden veroinen kunnostetty pääsylinteri) ja ollut käytössä 84-90 Ford Lincoln Mark 7-typissä. Pääsylinterissä on 1 1/8 tuumainen mäntä ja se soveltuu autoihin, joissa edessä ja takana levyjarrut.