

# Car notes

Notes for my own car or for car that I have owned.

- [Ford Maintenance Info](#)
- [Civic Type R FK8 Service Parts](#)
- [Honda TechInfo - Workshop Manual](#)
- [Honda Headunit Hacks - Android Auto for Civic IX FK2/FK3](#)

# Ford Maintenance Info

(Cantonese only content)

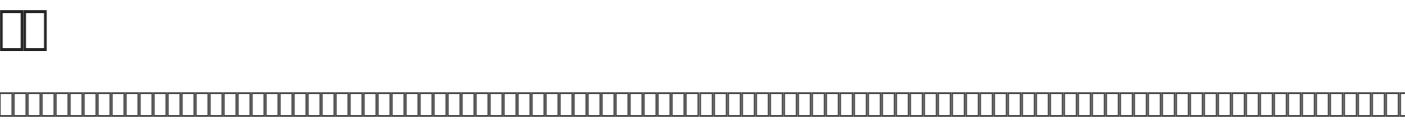
Captured from Ford HK Facebook Group.

Ford

Fluid Guide Rev.03A

Approved? Specification? Recommended for? ApprovedSpecificationRecommended for/Recommended for

"Recommended for"FordApprovedSpecification...



10000/L

Ford2015Service Bulletin(TSB 2015/13),2005FordWSS-M2C948-B5W-20FordWSS-M2C913-C5W-30

FordWSS-M2C948-B5W-20FordWSS-M2C913-C5W-30

- Fiesta (20082013)
- Focus (20042011)
- C-Max (20032010)
- Kuga (20082013)
- Galaxy/S-Max (2006)
- Mondeo (2007)
- Ranger (20062012)

EcoBoostFordWSS-M2C-948-B5W-20Ifocus RS 2016-

## 2004 Focus ST (2.5 Duratec-ST)

Flord WSS-M2C-913-C5W-30

## 2004 Focus RS (Duratec-RS) vs 2016 Focus RS (2.3 Ecoboost)

Flord M SS-M2C937-A OM-40

## 2016 Mustang

### 2.3 Ecoboost ☐ Ford WSS-M2C-913-DEW-30 ☐

5.0 Ford WSS-M2C-948-B5W-20

## Mondeo Mk2 / Mondeo Mk3 / Focus Mk1

Ford WSS-M2C913-C5W-30

WSS-M2C948-B5W-2000

- Fuchs Titan Supersyn F eco-B
- Liqui Moly Special Tec F Eco

WSS-M2C913-C5W-30□□

- Morris Multivis ATD FD
- Motul Specific 913D (WSS-M2C913-D1)

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Model	Price	Warranty	Weight	Dimensions	Features
Model A	\$1200	3 years	15 lbs	12x10x8 in	Basic features
Model B	\$1500	5 years	18 lbs	14x12x10 in	Advanced features
Model C	\$1800	7 years	20 lbs	16x14x12 in	Premium features
Model D	\$2200	10 years	25 lbs	18x16x14 in	Ultimate features
Model E	\$2500	12 years	30 lbs	20x18x16 in	Professional features
Model F	\$2800	15 years	35 lbs	22x20x18 in	Enterprise features
Model G	\$3200	20 years	40 lbs	24x22x20 in	Industrial features
Model H	\$3500	25 years	45 lbs	26x24x22 in	Commercial features
Model I	\$3800	30 years	50 lbs	28x26x24 in	Heavy-duty features
Model J	\$4200	35 years	55 lbs	30x28x26 in	Professional-grade features
Model K	\$4500	40 years	60 lbs	32x30x28 in	Enterprise-grade features
Model L	\$4800	45 years	65 lbs	34x32x30 in	Industrial-grade features
Model M	\$5200	50 years	70 lbs	36x34x32 in	Commercial-grade features
Model N	\$5500	55 years	75 lbs	38x36x34 in	Heavy-duty features
Model O	\$5800	60 years	80 lbs	40x38x36 in	Professional-grade features
Model P	\$6200	65 years	85 lbs	42x40x38 in	Enterprise-grade features
Model Q	\$6500	70 years	90 lbs	44x42x40 in	Industrial-grade features
Model R	\$6800	75 years	95 lbs	46x44x42 in	Commercial-grade features
Model S	\$7200	80 years	100 lbs	48x46x44 in	Heavy-duty features
Model T	\$7500	85 years	105 lbs	50x48x46 in	Professional-grade features
Model U	\$7800	90 years	110 lbs	52x50x48 in	Enterprise-grade features
Model V	\$8200	95 years	115 lbs	54x52x50 in	Industrial-grade features
Model W	\$8500	100 years	120 lbs	56x54x52 in	Commercial-grade features
Model X	\$8800	105 years	125 lbs	58x56x54 in	Heavy-duty features
Model Y	\$9200	110 years	130 lbs	60x58x56 in	Professional-grade features
Model Z	\$9500	115 years	135 lbs	62x60x58 in	Enterprise-grade features
Model AA	\$9800	120 years	140 lbs	64x62x60 in	Industrial-grade features
Model AB	\$10200	125 years	145 lbs	66x64x62 in	Commercial-grade features
Model AC	\$10500	130 years	150 lbs	68x66x64 in	Heavy-duty features
Model AD	\$10800	135 years	155 lbs	70x68x66 in	Professional-grade features
Model AE	\$11200	140 years	160 lbs	72x70x68 in	Enterprise-grade features
Model AF	\$11500	145 years	165 lbs	74x72x70 in	Industrial-grade features
Model AG	\$11800	150 years	170 lbs	76x74x72 in	Commercial-grade features
Model AH	\$12200	155 years	175 lbs	78x76x74 in	Heavy-duty features
Model AI	\$12500	160 years	180 lbs	80x78x76 in	Professional-grade features
Model AJ	\$12800	165 years	185 lbs	82x80x78 in	Enterprise-grade features
Model AK	\$13200	170 years	190 lbs	84x82x80 in	Industrial-grade features
Model AL	\$13500	175 years	195 lbs	86x84x82 in	Commercial-grade features
Model AM	\$13800	180 years	200 lbs	88x86x84 in	Heavy-duty features
Model AN	\$14200	185 years	205 lbs	90x88x86 in	Professional-grade features
Model AO	\$14500	190 years	210 lbs	92x90x88 in	Enterprise-grade features
Model AP	\$14800	195 years	215 lbs	94x92x90 in	Industrial-grade features
Model AQ	\$15200	200 years	220 lbs	96x94x92 in	Commercial-grade features
Model AR	\$15500	205 years	225 lbs	98x96x94 in	Heavy-duty features
Model AS	\$15800	210 years	230 lbs	100x98x96 in	Professional-grade features
Model AT	\$16200	215 years	235 lbs	102x100x98 in	Enterprise-grade features
Model AU	\$16500	220 years	240 lbs	104x102x100 in	Industrial-grade features
Model AV	\$16800	225 years	245 lbs	106x104x102 in	Commercial-grade features
Model AW	\$17200	230 years	250 lbs	108x106x104 in	Heavy-duty features
Model AX	\$17500	235 years	255 lbs	110x108x106 in	Professional-grade features
Model AY	\$17800	240 years	260 lbs	112x110x108 in	Enterprise-grade features
Model AZ	\$18200	245 years	265 lbs	114x112x110 in	Industrial-grade features
Model BA	\$18500	250 years	270 lbs	116x114x112 in	Commercial-grade features
Model BB	\$18800	255 years	275 lbs	118x116x114 in	Heavy-duty features
Model BC	\$19200	260 years	280 lbs	120x118x116 in	Professional-grade features
Model BD	\$19500	265 years	285 lbs	122x120x118 in	Enterprise-grade features
Model BE	\$19800	270 years	290 lbs	124x122x120 in	Industrial-grade features
Model BF	\$20200	275 years	295 lbs	126x124x122 in	Commercial-grade features
Model BG					

### Focus Mk3 (2011-), C-Max, S-Max, Fiesta

WSS-M2C200-D2

**from 05.11.2012, Fiesta 2012-, 6 Speed Auto Trans GFT DPS6**

## Focus 2014-, 6 Speed Auto Transmission DPS6

WSS-M2C936-A

## Focus 2014-, 6 Speed Powershift 6DCT450 - MPS6

WSS-M2C938-A

### Focus 2014-, 6-Speed Automatic - 6F Mid-Range

Focus Mk1/2 (4F27E), Mondeo Mk1/2 (CD4E)



DP-M5 Transmission Oil 1Ltr 1805856

## Ford Specification

- SQM-2C9010-A
- SQM-2C9010-B
- WSS-M2C202-B
- WSD-MSD199-A
- WSS-M2C919-E

## To Fit The Following Applications

4 Speed 4F27E Automatic Transaxle

Fitted Into

Focus From 06-2004 To 07-2011

Focus Mk2 4F27E  
Mercon M  
Mercon LV;

4 Speed CD4E Automatic Transmission

## Fitted Into

Mondeo From 11-1992 To 03-2007

Mondeo Mk3 (5F31J)



J-5S Transmission Oil 1Ltr 1842622

Ford Specification **WSS-M2C922-A1**

5 Speed Auto-Jatco Select Shift Automatic Transmission

In Mondeo 2.5 Duratec

From 01-02-2002 To 19-02-2007

Mondeo Mk4 (AWF21)



AWF21 Automatic Transmission Fluid Oil (1 Litre) 1767616

Ford Specification WSS-M2C924-A

~~(571411) Specification WSSB09 Ravenol ATF M-IV~~



~~WSS-M97B44-D Specification WSSB09 Ravenol ATF M-IV~~



Super-Plus Premium Anti-Freeze Coolant 1Ltr 1931957

Ford Specification WSS-M97B44-D

~~10,865 SpecMacco (\$85) (\$120)~~



(Mondo Mk2/3, Focus Mk1, Sierra, Escort), Ford WSS-M2C204-A

Ravenol SSF (\$120 10)



Green Power Steering Fluid 1Ltr 1781003

Ford Specification WSS-M2C204-A2



DOT4DOT5.1



# Civic Type R FK8 Service Parts

## Rear Main Crankshaft Oil Seal

Symptoms - see [photos](#)

Parts:

- <https://www.dream-automotive.com/products/genuine-honda-rear-main-crank-seal-honda-civic-type-r-fk2-fk8-2-0t-k20c1-2015>
- <https://japerviceparts.co.uk/product/rear-crank-oil-seal-fk2-fk8/>
- <https://www.tegiwaimports.com/genuine-honda-rear-main-crank-seal-civic-type-r-fk2-15-k20c.html>

# Honda TechInfo - Workshop Manual

Download the browser:

<https://unknowntransportation.com:8443/Service/TechInfoBrowser.zip>



# Honda Headunit Hacks - Android Auto for Civic IX FK2/FK3

## What do you need?

### Hardware and Pre-req

- FAT32 formatted USB Drive
- Computer to download the APK files and load onto the USB Drive
- USB Cable for Android Auto connection
- Android phone with Android Auto capability

### Software

- [OpenDroidAuto](#) - For Android Auto connection
- Honda Permissions - For allowing the OpenDroidAuto to run while driving
  - Download "HR-V PERMISSIONS 1.1 S\_Mike" from <https://www.cmdroid.com>

## Steps

1. Format your USB Drive as FAT32
2. Download **OpenDroidAuto** apk file and copy to USB Drive
3. Plug the USB Drive to the Car
4. On the headunit / infotainment system, click "Install App"
5. It will automatically search the files on your USB Drive, choose the apk file **HondaAppCentre\_A1.apk**  
(it is always the same file name for the system to pick up the app file)
6. Repeat 2 to 5 for **Honda Permissions**
7. Open **Honda Permissions** > Process Control > "+" button
  1. Enter **process name** and **package name** as "it.smg.hu" (No quotes)
  2. **Auth Type** - THIRD\_PARTY
  3. **App Type** - OTHER
  4. **Video Out** - OFF
  5. **Sound Out** - Checked
  6. **Last Mode** - Checked

7. Save
8. Connect your phone to the car by USB Cable and open **OpenDroidAuto**
9. Check the default checkbox when it prompts "Open OpenDroidAuto when this USB device is connected?" and click OK
10. Start
11. Good to go!

## References

- Video - <https://www.youtube.com/watch?v=1YNtF6rsKb8>
- CMDroid for Honda headunit apps - <https://www.cmdroid.com/>
- CIVInfo for tutorial - <https://www.civinfo.com/threads/guide-to-installing-3rd-party-applications-stock-headunit.386674/>