SAC **Springfield Auto Care** EXAMPLE SHOP
service@springfield-auto-care.example

2007 Honda Civic at 120,000 mi

1HGFA16567L123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
Civic · FA1 Civic LX sedan (1.8L)	Honda R18 1.8L four-cylinder (R18A / R18Z, incl. R18Z9 HR-V)	120,000 mi	FWD
BUILD MONTH	**REPORT DATE**	**MODE**	**PREPARED FOR**
Not entered (door jamb)	October 27, 2026	Shop	Sample Owner

VIN check: check digit valid; model-year code '7' = 2007, matches the year entered. The VIN doesn't record the build month. Sample report: synthetic VIN.

1 · SUMMARY

What this car needs, in order

Each item compares this car's mileage with when owners and shops report the part failing. It is not an inspection: our technician decides what the car actually needs.

1
inspection recommended now

0
to plan in the next 30,000 miles · plus 1 factory maintenance item

1
to watch or check at each service

Safety recalls NHTSA lists for this model year (7 of 8)

- **19V-502** · Air bags · passenger frontal inflator (earlier replacement): A replacement inflator fitted under an earlier recall can explode over time and throw metal fragments.
- **19V-378** · Air bags · passenger frontal inflator (installed wrong): A replacement inflator may have been installed wrongly, so the passenger air bag may not deploy properly.
- **18V-268** · Air bags · passenger frontal (installed wrong): A replacement passenger air bag may have been installed wrongly and may deploy improperly.
- **17V-545** · Air bags · passenger frontal inflator (installed wrong): One dealer may have installed replacement inflators wrongly, so the air bag may deploy improperly.
- **17V-030** · Air bags · passenger frontal inflator: The inflator can rupture in a crash and throw metal fragments.
- **16V-346** · Air bags · passenger frontal inflator: The inflator can rupture in a crash and throw metal fragments.
- **07V-399** · Rear wheel speed sensor seal · wheel bearing: A badly fitted seal can let water into a rear wheel bearing, which can fail and loosen the wheel, mainly in road-salt areas.

A model-year list, not a VIN check. The full report lists the others. Repairs are free at a Honda dealer if open. On a car over 15 years old, ask the dealer whether a newer recall is still repaired free. Check this VIN at nhtsa.gov/recalls.

Step 0 · Free: run the VIN at nhtsa.gov/recalls and ask a Honda dealer for a campaign printout. Read the build month (MM/YY) on the driver's door-jamb label.

Recommended now at the next service — $140

Inspection: check now, while it's cheaper to fix — $140

inspection EXAMPLE

Cracked engine block (coolant leak, overheating): Past the range (57,000–110,000 mi, the middle half of 123 owner reports) · if it fails: $1,260–$2,020 labor only, parts extra

Water pump and pulley: Past the range (22,000–92,000 mi, the middle half of 18 owner reports) · if it fails: $440–$770

Known weak points for this engine, not findings on your car. The inspection shows whether yours has early signs.

Next 12 months up to about 132,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 150,000 mi

Nothing else enters its reported range in this window.

Watch inspect at each service, fix on condition, or optional

Oil leak at the valve (head) cover gasket — Ask us for a quote

Any mileage (2006–2010 Civic) · Inspect at each service; fix at the first sign

Recommended now

$140

Springfield Auto Care prices (example)

Planned through 150,000 mi

$269

Now + next 12 months + next 30,000 miles, with the factory maintenance on this report if the records don’t show it done. Excludes “watch” and optional items.

Prices are Springfield Auto Care's estimates for typical parts and labor. They don't include tax, shop supplies or disposal fees, and may change after inspection or if part prices change. Not a written repair estimate: Springfield Auto Care confirms the price and gets your OK before any work.

Bundled jobs are priced together because the labor overlaps. Routine service (oil, brakes, tires) isn't included; factory fluid and spark plug intervals are listed below.

FACTORY MAINTENANCE

Scheduled maintenance from 120,000 mi to 150,000 mi

The maker's normal schedule for this car. Service history isn't known here, so an item is shown at its next interval mark; skip it if the records show it was done.

ITEM	INTERVAL	THIS CAR	OUR PRICE
Brake fluid Honda: replace every 3 years regardless of mileage (newer Maintenance Minder cars show code 7 and may call it sooner).	every 3 years	**By time: check the records** [M1][M2]	**$129**
Spark plugs Maintenance Minder car: plugs are due when the Minder shows code 4; the owner's manual gives no fixed mileage.	no fixed interval	— [M1][M2]	—
Engine coolant Maintenance Minder car: coolant is due when the Minder shows code 5; no fixed mileage in the manual.	no fixed interval	— [M1][M2]	—
Automatic transmission fluid Maintenance Minder decides (code 3); no fixed mileage in the manual (shorter fixed intervals apply only for towing/mountain driving).	no fixed interval	— [M2]	—

M1. 2021 Honda Civic Hatchback Owner's Manual - Maintenance Minder OFFICIAL
https://archive.org/details/manuals-plus-2021-honda-civic-hatchback-owners-manual-2ec85ce6

M2. 2012 Honda Accord Sedan Owner's Manual - Maintenance Minder (K24 / J35) OFFICIAL
https://archive.org/details/B-001-001-541

WHERE 120K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Cracked engine block (coolant leak, overheating)	57,000–110,000 mi (middle half of 123 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA	Past the range
2	Water pump and pulley	22,000–92,000 mi (middle half of 18 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA	Past the range
3	Oil leak at the valve (head) cover gasket	2006–2010 Civic OFFICIAL	Any mileage

Colors compare mileage with reported failures, not the car's condition. Red: past the range. Amber: inside or approaching. Green: below, or not listed for a recall.

2 · RECALLS AND BULLETINS

Recalls to check for this 2007 Honda Civic

Safety recall repairs are free at Honda dealers. On a car over 15 years old, ask the dealer whether a newer recall is still repaired free. Nothing here can tell whether a recall is open or already done on this VIN; only the official VIN lookup or a dealer can.

Official VIN check (2 minutes)

1. Go to nhtsa.gov/recalls and enter 1HGFA16567L123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Honda dealer for a campaign printout; it also lists completed campaigns.

1.8L R18 RECALLS WE TRACK

Other 1.8L R18 recalls we track, not listed by NHTSA for this model and year: 20V-314 (low-pressure fuel pump can fail (2018–2019 HR-V and others)).

EVERY RECALL NHTSA LISTS FOR THE 2007 HONDA CIVIC (8)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
19V-502	Air bags · passenger frontal inflator (earlier replacement)	A replacement inflator fitted under an earlier recall can explode over time and throw metal fragments. Details
19V-378	Air bags · passenger frontal inflator (installed wrong)	A replacement inflator may have been installed wrongly, so the passenger air bag may not deploy properly. Details
18V-268	Air bags · passenger frontal (installed wrong)	A replacement passenger air bag may have been installed wrongly and may deploy improperly. Details
17V-545	Air bags · passenger frontal inflator (installed wrong)	One dealer may have installed replacement inflators wrongly, so the air bag may deploy improperly. Details
17V-030	Air bags · passenger frontal inflator	The inflator can rupture in a crash and throw metal fragments. Details
16V-346	Air bags · passenger frontal inflator	The inflator can rupture in a crash and throw metal fragments. Details
07V-399	Rear wheel speed sensor seal · wheel bearing	A badly fitted seal can let water into a rear wheel bearing, which can fail and loosen the wheel, mainly in road-salt areas. Details
07V-402	Brake light switch	Extra grease can drip onto the brake light switch; the brake lights can stop working and the car may not shift out of Park. Details

Source: NHTSA recalls API, fetched 2026-10-27 and combined across NHTSA model names: CIVIC. Safety categories (air bags, fire, brakes, stalling, roll-away and loss of control) are listed first; listings whose NHTSA text names another engine, or an aftermarket part, go last. OFFICIAL

Left out of this list (CIVIC): 07V-512 (natural gas fuel tank) covers the Civic GX natural-gas model only and is left out of this gasoline sample; a VIN check would show it if it applied.

SERVICE ACTIONS, BULLETINS AND WARRANTY PROGRAMS

Manufacturer bulletins and warranty programs for this engine are cited on each weak point in section 4, where they apply.

4 · THE 3 WEAK POINTS

Each weak point, one card each

Every figure carries its source. Retailer part numbers are shown only when the retailer lists them for this chassis (FA1). Left out because they apply to other models, years, engine sizes or body codes: Rocker arm oil pressure switch (VTEC codes).

1 Cracked engine block (coolant leak, overheating)

Past the range

Severity: Critical: rare, but can badly damage the engine · 560 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 120,000 mi this car is past the reported range (57,000–110,000 mi (middle half of 123 owner complaints that state a mileage)). If the original parts are still fitted, have them checked and plan for them. Range: 57,000–110,000 mi (middle half of 123 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA [1]



Applies to: 2006–2008 and early 2009 Civic 1.8L (Honda extension, 10 years from purchase, now expired)

WHAT FAILS OFFICIAL [2][3]

The engine block can crack at the coolant passages and leak coolant, causing overheating. Honda replaced the block and extended its warranty to 10 years with no mileage limit; that coverage has ended.

SYMPTOMS

- Coolant level dropping
- Coolant seeping at the back of the block
- Overheating

IF IT'S LEFT TOO LONG

Overheating can warp the head and ruin the engine.

IS IT WORTH DOING EARLY? OUR ESTIMATE

At any unexplained coolant loss on a 2006–2009 Civic, inspect the block before replacing other parts.

ESTIMATED REPAIR COST

No published price (extension has ended)	**Our price is in the plan above** ask us for a written quote
Labor only, 12.6 h Honda warranty time plus a new engine block	**$1,260–$2,020** OUR ESTIMATE [2] [8] labor only, parts extra

Where the numbers come from: Estimate: Honda warranty labor time of 12.6 h (bulletin [2]) × $100–$160/h independent-shop labor rate [8]. Parts are extra unless stated; check the VIN for open warranty coverage first.

PARTS FOR FA1

- Ask your parts supplier for the OE part number for this VIN.

QUESTIONS TO ASK US

- Any coolant loss or overheating?
- Was the block replaced under the extension?

2 Water pump and pulley

Past the range

Severity: High: overheating, stalls, limp mode or a big bill · 75 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 120,000 mi this car is past the reported range (22,000–92,000 mi (middle half of 18 owner complaints that state a mileage)). If the original parts are still fitted, have them checked and plan for them. Range: 22,000–92,000 mi (middle half of 18 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA [1]



Applies to: 2006–2007 Civic (pulley flange and bolt bulletins); any age for the pump

WHAT FAILS OFFICIAL [4][5]

On early cars the water pump pulley flange can crack or its bolts can loosen. That makes a pulley noise and can make the pump fail and the drive belt break. Honda replaced the parts under a product update.

SYMPTOMS

- Noise from the pulley area
- Drive belt broken
- Coolant leak at the pump

IF IT'S LEFT TOO LONG

A failed pump or broken belt leads to overheating.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Replace the pump at the first leak or noise; check the pulley bolts.

ESTIMATED REPAIR COST

Owner-reported repair bills in NHTSA complaints (n=7)	**Our price is in the plan above** ask us for a written quote
Owner-reported repair bills in NHTSA complaints (n=7)	**$440–$770** COMPUTED FROM NHTSA DATA [1] reported range for the bill after a failure

Where the numbers come from: Computed from 7 NHTSA owner complaints that quote a repair bill for this problem (middle half of the bills; median $500). Examples: ODI 10487499, 10323544, 10291658, 10524287. Owner-reported, often dealer prices; not shop quotes.

PARTS FOR FA1

- Ask your parts supplier for the OE part number for this VIN.

QUESTIONS TO ASK US

- Water pump ever replaced?

3 Oil leak at the valve (head) cover gasket

Any mileage

Severity: Medium: leaks and wear · 12 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2006–2010 Civic), so mileage doesn't say much here. Range: 2006–2010 Civic OFFICIAL [6]

WHAT FAILS OFFICIAL [6]

Paint overspray in the valve cover gasket groove can stop the gasket sealing, so oil seeps from the head cover. The fix is a cleaned cover and new gasket.

SYMPTOMS

- Oil wetness around the valve cover
- Burning-oil smell

ESTIMATED REPAIR COST

No published price	**Our price is in the plan above** ask us for a written quote
No published bill	**No published price** reported range for the bill after a failure

PARTS FOR FA1

IF IT'S LEFT TOO LONG

Oil can drip onto the exhaust.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Reseal when it is wet; it is a small job.

- Ask your parts supplier for the OE part number for this VIN.

QUESTIONS TO ASK US

- Any oil smell or drips?

5 · ALSO REPORTED, NOT RANKED

Other themes in 1.8L R18 owner complaints

Every NHTSA complaint theme with 10 or more counted reports is either a weak point above or explained here.

THEME	COMPLAINTS	WHY IT ISN'T A WEAK POINT
Transmission	662	Owners of 2006–2011 automatic Civics report transmission failures; we found no Honda bulletin or extension covering them. Not an engine fault.
Motor mounts	62	Owners report worn engine mounts (vibration at idle); a wear item, not an engine defect.

How this report is built

Inputs. VIN, model year, model, mileage and build month (if entered). Model and engine are checked with NHTSA's vPIC decoder.

Mileage positions. Below: more than 10,000 miles before the reported range. Approaching: within 10,000. Inside: in the range, or past the start of an open-ended range. Past: beyond the top of the range. These bands are our rules, not an industry standard.

The plan. Critical items inside or past their range go first; high-severity items follow, and jobs that share labor are bundled. At most three jobs land in “Recommended now”. Leaks that are cheap to watch are fixed on condition; inspections are asked for at each service.

Costs. Published independent-shop ranges from shop quotes, retailer prices and owner reports. Shop prices come from the issuing shop. The worst-case cost of every item failing is not shown: it isn't an expected cost.

Labels. `OFFICIAL` NHTSA/Honda documents · `SHOP/RETAILER` parts prices and shop articles · `FORUM/BLOG` owner forums and blogs · `COMPUTED FROM NHTSA DATA` our analysis of NHTSA data · `OUR ESTIMATE` ours.

NHTSA complaint data. Pulled Oct 28, 2026 from NHTSA's complaints API for 2006–2015 Civic complaints that do not mention the Si, hybrid, 2.0L, 2.4L or natural-gas models, plus all 2016–2022 HR-V complaints: 6,488 complaints. Some of these nameplates were sold with other engines too; for those we left out complaints whose text names another engine or a hybrid, so a few complaints about other engines can remain. Themes are keyword matches on the complaint text. `COMPUTED FROM NHTSA DATA`

THEME	COMPLAINTS	IN THIS REPORT
Transmission	662	Also reported
Coolant loss / overheating	560	Item 1
Water pump	75	Item 2
Motor mounts	62	Also reported
Oil leak	12	Item 3
VTEC / oil pressure switch	1	Other years or engine sizes

Limits: complaints are self-reported and not adjusted for cars sold; keyword matching over- and under-counts; owners rarely file safety complaints about oil seeps, so leaks look rarer than they are.

SOURCES

1. NHTSA owner complaints for 2006–2015 Civic (1.8L; Si, hybrid, 2.0L and natural-gas complaints left out) and 2016–2022 HR-V, pulled Oct 28, 2026 (ODI numbers in the cost notes) `OFFICIAL`
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Honda Service Bulletin 10-048: Warranty extension: engine block (coolant leak), 2006–2008 and early 2009 Civic (2017-07-19), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2017/MC-10115157-9999.pdf

3. Honda Owner letter 08-044: Engine overheats or leaks coolant: engine block cracking at the coolant passages (2009-07-30), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2009/CSC-10030876-2713.pdf

4. Honda Product update 08-038: Water pump pulley flange cracks, 2006 Civic (2008-08-01), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2008/CSC-10026085-8687.pdf

5. Honda Service bulletin 08-039: Water pump pulley bolts may lose tension and come loose (2008-08-15), filed with NHTSA `OFFICIAL`
https://www.nhtsa.gov/?nhtsaId=10026791

6. Honda Service Bulletin 10-075: Engine oil leak at the cylinder head cover (paint overspray in the gasket groove) (2010-11-24), filed with NHTSA `OFFICIAL`
https://www.nhtsa.gov/?nhtsaId=10034885

7. Honda Service Bulletin 13-021: MIL on with DTC P2646/P2651 or P2647/P2652 (rocker arm oil pressure switch) (2015-09-16), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2015/SB-10098946-5233.pdf

8. Tekmetric: average auto repair labor rates by state, 2026 `SHOP/RETAILER`
https://tours.tekmetric.com/answers/average-auto-repair-labor-rates-by-state-2026

9. NHTSA recall records: 20V-314, 21V-215 and 23V-858 (low-pressure fuel pump, includes 2018–2020 HR-V), checked Oct 28, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=23V858000

This report contains no affiliate links; retailer prices are quoted as price sources only. Found an error? Email hello@repairahead.com.

PLEASE READ

Important

Based on public records and published repair costs. Not a diagnosis or a guarantee. Your technician's inspection decides what your car needs. Confirm recalls with a dealer using your VIN.

Informational only. This report is not a mechanical inspection, a diagnosis, or professional, legal or financial advice. It was issued by Springfield Auto Care using RepairAhead data; the inspection findings and prices are the shop's.

Reported ranges and estimates, not predictions

Failure mileages are reported ranges compiled from public owner complaints, manufacturer bulletins, recalls and repair-shop reports. Costs are estimates. Parts can fail earlier, later or not at all, and other problems can occur. Statistics from owner complaints describe past reports to NHTSA; NHTSA has not reviewed or endorsed this analysis.

Safety issues go to a dealer

If you notice overheating, a burning or fuel smell, smoke, a brake-assist problem, stalling or loss of power, pull over when it's safe and contact a Honda dealer or qualified shop. Safety recall repairs are free at Honda dealers. Confirm recalls for this VIN at nhtsa.gov/recalls.

No warranty

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