This document is your **FINAL, garage-ready reference** for the **1994 Honda del Sol EG1** with a **K20A Euro R + LSD 6MT**, built for **95% street use**.

It includes: • A **complete parts list with purchase links** • A **clear, step-by-step install instruction sheet**

No track-only parts. No fluff. This is meant to be followed in a home garage.

PART 1 — COMPLETE PARTS LIST (WITH PURCHASE LINKS)

STEP 1 – WHEELS & TIRES

Tires (205/50R15 – choose ONE)

1. Michelin Pilot Sport 4 https://www.tirerack.com/tires/michelin-pilot-sport-4
2. Continental ExtremeContact Sport https://www.tirerack.com/tires/continental-extremecontact-sport
3. Falken Azenis RT615K+ https://www.discounttire.com/buy-tires/falken-azenis-rt615k-plus

Wheels (15x7, 4x114.3, +35 to +40)

1. Enkei RPF1 https://enkei.com/shop/wheels/racing/rpf1/
2. Konig Hypergram https://konigwheels.com/wheels/flow-formed-wheels/hypergram/

Required small parts

• M12x1.5 conical lug nuts • Valve stems • Hubcentric rings (only if wheel bore > 64.1mm)

STEP 2 – COILOVERS (STREET COMFORT)

Recommended Kits

1. BC Racing BR Series (best value) https://bcracing-na.com/collections/honda/products/92-95-honda-civic-br-series-coilovers
2. Fortune Auto 500 Series (best ride quality) https://fortune-auto.com/products/500-series-coilovers-honda-civic-eg

Recommended spring rates (street): • Front: 8–10k • Rear: 5–6k

STEP 3 – SWAY BARS

Rear (HIGH PRIORITY)

Progress 22mm Adjustable Rear Sway Bar – Part #62.1040 https://www.progressauto.com/product/62.1040

Front (Optional but Recommended)

Eibach Front Sway Bar (EG Civic / del Sol) https://eibach.com/products/anti-roll-kit

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STEP 4 – REAR DISC BRAKE CONVERSION (EG1 REQUIRED)

OEM Integra GSR Components

• Rear trailing arms / knuckles • Calipers & brackets • Rotors & pads • Parking brake cables

Vendor (OEM parts sourcing): https://www.rockauto.com

Brake Upgrades

• Stainless steel brake lines (Goodridge) https://www.goodridge.com

• DOT 4 brake fluid (Motul / ATE / StopTech) https://www.stoptech.com

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STEP 5 – BUSHINGS & CAMBER ARMS

Rear Camber Arms (REQUIRED)

SPC Performance Rear Camber Kit https://www.spcperformance.com

Poly Bushings

Energy Suspension Master Bushing Kit https://www.energysuspensionparts.com

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PART 2 — STEP-BY-STEP INSTALL INSTRUCTIONS

REQUIRED TOOLS (MINIMUM)

• Floor jack + jack stands • Torque wrench • Metric socket set (10–19mm) • Breaker bar • Allen keys • Anti-seize & blue Loctite

INSTALL ORDER (DO NOT CHANGE)

1. Wheels & tires
2. Coilovers
3. Sway bars
4. Rear disc conversion
5. Bushings & camber arms
6. Brake lines & fluid
7. Alignment

STEP 1 – WHEELS & TIRES

1. Mount tires to wheels
2. Test-fit wheels on car
3. Lower car and torque lugs (~80 ft-lb)
4. Check steering lock for rubbing

STEP 2 – COILOVERS

Front

1. Loosen upper strut nuts
2. Remove lower strut bolts
3. Remove strut assembly
4. Install coilover loosely

Rear

1. Remove interior panels
2. Remove rear struts
3. Install rear coilovers

IMPORTANT: • Set ride height evenly • Torque suspension bolts ONLY at ride height

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STEP 3 – SWAY BARS

Rear

1. Install Progress subframe brace
2. Grease bushings heavily
3. Install sway bar
4. Start on softest hole

Front

1. Remove OEM bar
2. Install upgraded bar
3. Ensure endlinks are vertical

STEP 4 – REAR DISC CONVERSION

1. Remove drum assemblies
2. Install GSR trailing arms
3. Install calipers, rotors, pads
4. Route parking brake cables

STEP 5 – BUSHINGS & CAMBER ARMS

1. Replace worn rubber bushings
2. Install rear camber arms
3. Set camber arms to neutral

STEP 6 – BRAKES

1. Install stainless brake lines
2. Fill with DOT 4 fluid
3. Bleed system thoroughly

STEP 7 – FINAL ALIGNMENT (STREET)

• Front camber: −1.5° to −2.0° • Rear camber: −1.0° to −1.5° • Front toe: 0 • Rear toe: slight toe-in

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FINAL SAFETY CHECK

• Re-torque all suspension bolts • Check brake leaks • Verify no tire rubbing • Perform gentle test drive

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FINAL WORD

This setup is **safe, reliable, and street-friendly**, and it properly supports the power of your K20A without ruining comfort. This is the correct way to build a K-swapped del Sol at home.