

## ***2018 VW Golf Sportwagen S w/4Motion and DSG complete modification list***

### ***Power/engine***

IHI IS38 turbo  
Unitronic Stage 3 ECU tune and Stage 3 TCU tune  
United Motorsport Haldex tune  
Tunezilla Haldex Race spring  
VW 2.0 high-pressure fuel pump  
Unitronic 3" catted downpipe  
Unitronic carbon fiber intake w/ECS coolant re-route hose and Uni foam prefilter  
Unitronic intercooler and charge pipes  
Unitronic turbo inlet pipe  
034 turbo muffler delete  
APR coil packs  
APR Iridium Pro spark plugs (0.020" gap - as they come)  
Coil grounding kit (FB Marketplace guy's kit)  
MK8 PCV retrofit (w/venturi)  
Radium Engineering MK8 catch can (Evil Energy hose brackets)  
CTS Turbo R/S3 resonator delete w/custom 42DD adapter and Milltek clamps  
Racingline Haldex drain (magnetic)/fill plugs  
ECS bevel box/rear differential magnetic drain plugs  
Urö aluminum oil pan w/LN magnetic drain plug  
BMS pedal tuner

### ***Chassis/suspension***

H&R Sport springs (Amazon spring helpers in fronts, MK7 4Mo wagon front/MK8 R rear)  
Bilstein B8 dampers  
Golf R rear jounce bumpers  
Euro Sport Street Camber Kit  
H&R front (27mm)/rear (25mm) sway bars  
Tyrolsport front subframe deadset kit  
034 rear subframe inserts  
Tyrolsport rear subframe deadset kit (custom to work with 034 inserts)  
ECS rear differential insert (front-most only)  
034 Dynamic+ rear adj sway bar end links  
034 Motorsport front adj sway bar end links  
034 aluminum lower control arms  
034 Motorsport Streetsport engine/transmission mounts  
034 Density Line dog bone pucks, upper/lower dog bone inserts, and billet dogbone mount  
Superpro rear trailing arm bushings  
Alignment specs: [front -2.7 camber/8.0 caster/0 total toe] [rear -1.7 camber/0.1 total toe]

## ***Brakes***

Front: APR 6-piston 350mm BBK w/"Advanced street/Entry-level track day" pads for daily use and EBC RP-X pads for track use

Audi 8Y RS3 brake ducts (modified to fit aftermarket LCAs/9" wheels)

VW 340mm dust shields (modified to fit BBK/allow air flow to the rotors from ducts)

Rear: Stoptech Sport slotted 272mm rotors, EBC Bluestuff NDX, Neuspeed ss lines

Painted rear calipers w/G2 paint (black)

Endless RF650 brake fluid

## ***Wheels/tires***

APR A01 flow formed 18x8.5 et45 (black) w/235/40/18 Michelin Pilot Sport All Season 4

Apex Race Parts SM-10 flow formed 18x8.5 et43 (bronze) w/235/40/18 Continental Extreme Contact Sport 02

Apex Race Parts forged VS-5RS 17x9 et42 (anthracite) w/245/40/17 Vitour Tempesta P1

Apex Race Parts stud conversion kit

H&R Trak+ black 5mm wheel spacers (rear)

Fender screw mod

APR valve caps

## ***Exterior***

Black mirror caps (Amazon knock-offs)

Smoked dynamic mirror signals (Amazon knock-offs)

VW Golf R variant rear side spoilers

VW roof bars

VW Bumperdillo bumper guard

VW splash guards

VW r. license plate frames

VW MK7 Jetta full length (w/trans ducts) belly pan

VW Golf R variant rear valance/diffuser

Quad exhaust tips (Ebay knock-offs)

93 Octane gas door sticker

Unitronic black stage badge

Golf/TSI badge delete

VW Tiguan black/chrome 4Motion badge

ECS tow straps

Skoda washer fluid funnel cap

VW Golf R fender liners

Cut out fog light covers for air flow

Wire mesh on lower grille for condenser protection

Badgeskins f. bumper chrome delete

Fog light surrounds (Ebay knock-offs)

VW MK8 rear lower control arm aero covers

VW MK8 front lower control arm aero covers  
VW Tiguan exhaust tunnel aero cover  
VW Tiguan subframe aero cover  
Audi jacking point kit  
Maxton rear spoiler extension  
Vland replica 7.5 LP lights w/deAutoLED D2H HID kit  
034 side window deflectors  
Euro left inner tail w/rear fog light/Euro switch

### ***Interior***

Leyo DSG shift knob  
Leyo DSG paddle extensions  
ECS boost gauge and intake manifold tap  
Aluminum pedal caps (Amazon knock-offs)  
VW self-dimming/Homelink/compass rear view mirror  
Audi A3 low profile rear headrests  
3D Maxpider floor mats  
Weathertech cargo area mat w/cargo blocks  
VW driver's seat underseat drawer  
Skoda door pocket rubbish bin  
deAutoLED interior LEDs (glove box, cargo area)  
Badgeskins passenger airbag light overlay  
Klii Motorwerks steering wheel logo inlay  
Fortem cargo area organizer  
First aid kit  
VW roadside assistance kit  
Element 50 fire extinguisher and Bracketeer mount  
Type S battery jump box  
VW hazard triangle  
Llumar Pinnacle ceramic tint 50% front/35% rear  
Ebay door hinge covers  
Weathertech windshield sun shade  
Aukey 12V dual-USB flush-mount charger  
12V "eject" button  
Aliexpress AA/ACP wireless dongle  
ECS center console organizer (lined w/felt)  
Center console arm rest rattle delete  
Vumos umbrella/case that fits in door cubby  
ProClip phone mount  
VW glovebox ventilation kit  
Lined glove box and driver's side cubby w/felt  
Aliexpress backlit front overhead map light console and matching rear console  
Aliexpress rear console w/USB

### ***Maintenance/fluids/etc.***

High Performance Lubricants 5W-40 Euro motor oil

Liquimoly 8100 DSG fluid

Redline MT-90 gear oil w/Liquimoly MoS2 for gears for bevel box and rear differential

Febi-Bilstein Haldex fluid

### ***Major repairs/warranty work***

HVAC recirculation door motor replaced twice under warranty

SAI combi valve and wiring replaced under warranty (ended up just being the connector)

Water pump/thermostat housing replaced outside of warranty at ~73K (got reimbursed as a result of the recent class action settlement), replaced a second time at ~100K under warranty from independent shop

Intake valve carbon cleaning performed at ~73K

Bolts holding timing chain tensioner failed - replaced all timing chain-related components outside of warranty at ~84K

### ***OBDEleven mod list/coding***

[https://docs.google.com/document/d/1eqtt\\_TJChAMUSN54Fvmq2ldrjyr3PszzrQcvXLpOfi0/edit?usp=drive\\_link](https://docs.google.com/document/d/1eqtt_TJChAMUSN54Fvmq2ldrjyr3PszzrQcvXLpOfi0/edit?usp=drive_link)

### ***golfmk7 forum build thread (not keeping this v. well updated at this point...)***

Do it all Sportwagen - street/hoon/track/drag you name it....this is the way... | GOLFMK7 - VW GTI MKVII Forum / VW Golf R Forum / VW Golf MKVII Forum

### ***YouTube channel***

karstgeo 72 - YouTube