

EFR Turbocharger



Quick Reference Guide

EFR Series Ancillary Parts



EFR Wastegate Canister Selection Guide

| Core Assy | 0.64a/r TH | 0.80a/r TH | 0.83a/r TH | 0.85a/r TH | 0.92a/r TH |
|-----------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 6258 | 179282, 179283, or 179284 | 179420, 179421, or 179422 | | | |
| 6258* | 179282, 179283, or 179284 | 179420, 179421, or 179422 | | | |
| 6758 | 179282, 179283, or 179284 | 179420, 179421, or 179422 | | 179282, 179283, or 179282 | |
| 6758* | 179282, 179283, or 179284 | 179420, 179421, or 179422 | | 179282, 179283, or 179283 | |
| 7163* | | 179420, 179421, or 179422 | | 179282, 179283, or 179284 | |
| 7064 | | | 179285, 179286, or 179287 | | 179285, 179286, or 179287 |
| 7670 | | | 179285, 179286, or 179287 | | 179285, 179286, or 179287 |
| 8374 | | | 179285, 179286, or 179287 | | 179285, 179286, or 179287 |
| 9180 | | | 179285, 179286, or 179287 | | 179285, 179286, or 179287 |

EFR Wastegate Canister Bracket Kit Selection Guide

| Core Assy | 0.64a/r TH | 0.80a/r TH | 0.83a/r TH | 0.85a/r TH | 0.92a/r TH |
|-----------|------------|------------|------------|------------|------------|
| 6258 | 179427 | 179428 | | | |
| 6258* | 179427 | 179428 | | | |
| 6758 | 179427 | 179428 | | 179427 | |
| 6758* | 179427 | 179428 | | 179427 | |
| 7163* | | 179428 | | 179427 | |
| 7064 | | | 179428 | | 179428 |
| 7670 | | | 179428 | | 179428 |
| 8374 | | | 179429 | | 179429 |
| 9180 | | | 179429 | | 179429 |

Each Wastegate Bracket Kit Includes:

- (1) Stainless steel bracket
- (3) Bracket to bearing housing screws
- (2) Canister to bracket lock nuts
- (1) Actuator rod nut (outboard side)
- (1) Long 410mm wastegate signal hose
- (2) Hose clamps

*Core assembly includes aluminum bearing housing

EFR Turbo Assembly Product Selection Guide

| Part Number | Assembly |
|-------------|---|
| 179150 | EFR-6258 Turbo Assembly, 0.64 A/R WG Single Scroll |
| 11589880036 | EFR-6258 Turbo Assembly, 0.80 A/R WG Twin Scroll* |
| 179388 | EFR-6258 Turbo Assembly, 0.64 A/R WG Single Scroll |
| 11589880034 | EFR-6758 Turbo Assembly, 0.85 A/R WG Single Scroll* |
| 11589880035 | EFR-6758 Turbo Assembly, 0.85 A/R WG Single Scroll, V-Band* |
| 11589880037 | EFR-6758 Turbo Assembly, 0.80 A/R WG Twin Scroll* |
| 11639880005 | EFR-7163 Turbo Assembly, 0.85 A/R WG Single Scroll* |
| 11639880006 | EFR-7163 Turbo Assembly, 0.85 A/R WG Single Scroll, V-Band* |
| 11639880002 | EFR-7163 Turbo Assembly, 0.80 A/R WG Twin Scroll* |
| 179355 | EFR-7064 Turbo Assembly, 0.83 A/R, WG Single Scroll |
| 179389 | EFR-7064 Turbo Assembly, 0.92 A/R, WG Twin Scroll |
| 179391 | EFR-7064 Turbo Assembly, 1.05 A/R, non-WG Twin Scroll |
| 179351 | EFR-7670 Turbo Assembly, 0.83 A/R, WG Single Scroll |
| 179390 | EFR-7670 Turbo Assembly, 0.92 A/R, WG Twin Scroll |
| 179392 | EFR-7670 Turbo Assembly, 1.05 A/R, non-WG Twin Scroll |
| 179258 | EFR-8374 Turbo Assembly, 0.83 A/R, WG Single Scroll |
| 179357 | EFR-8374 Turbo Assembly, 0.92 A/R, WG Twin Scroll |
| 179393 | EFR-8374 Turbo Assembly, 1.05 A/R, non-WG Twin Scroll |
| 179358 | EFR-9180 Turbo Assembly, 0.83 A/R, WG Single Scroll |
| 1280988000 | EFR-9180 Turbo Assembly, 0.92 A/R, WG Single Scroll |
| 179394 | EFR-9180 Turbo Assembly, 1.05 A/R, non-WG Twin Scroll |

* Unit includes aluminum bearing housing

Included with Turbo Assemblies:

Each turbo assembly comes assembled with wastegate canister (on WG models), oil inlet fitting, compressor recirculation valve and boost control solenoid valves.



EFR Accessory Kits

| Part Number | Accessory Kit |
|-------------|------------------------------------|
| 179430 | Speed Sensor Kit |
| 179423 | Hardware / Installation Kit |
| 179424 | Compressor Recirculation Valve Kit |
| 179425 | Boost Control Solenoid Valve Kit |
| 179426 | Wastegate Hose Kit |

EFR Super-Core Product Selection Guide

| Rotors | Super-Core |
|---------|--------------|
| 6258 | 179140 |
| 6258 Al | 11587105002* |
| 6758 | 179375 |
| 6758 Al | 11587105001* |
| 7163 | 11637105000* |
| 7064 | 179354 |
| 7670 | 179350 |
| 8374 | 179257 |
| 9180 | 179356 |
| 8374 | 179257 |
| 9180 | 179356 |

* Super-core assembly includes aluminum bearing housing

Included with a Super-Core:

Each Super-Core includes a fully assembled bearing and rotor system along with a complete compressor stage. This includes the compressor stage accessories such as the CRV and BCSV assembled to the comp cover.



Compressor (upward arrow) and **Turbine** (downward arrow) labels are present on the diagram.

Turbo Assembly (green box) and **TH Assembly** (blue box) labels are present.

| Turbine Housing Configuration | TH Letter Designation | Part Number | Part Number | Part Number | Part Number |
|---|-----------------------|----------------------------|---|---|---|
| .64 A/R, T25 flange Single Scroll, WG | A-Type | 179150 11581009006 | 179388 11581009006 | | |
| .83 A/R, T3 flange Single Scroll, WG | B-Type | | | 179355 12641008006 | 179358 12801008002 |
| .92 A/R, T4 flange Twin Scroll, WG | C-Type | | | 179389 12641008007 | 179357 12809880000 |
| 1.05 A/R, T4 flange Twin Scroll, Non-WG | D-Type | | | 179391 12641019016 | 179394 12801019001 |
| .85 A/R, T25 flange Single Scroll, WG | F-Type | | 1158980034 11581008000 | 11639880005 11631008000 | |
| .85 A/R, V-Band Inlet Single Scroll, WG | F-Type | | 11589880035 11581008001 | 11639880006 11631008001 | |
| .80 A/R, T4 flange Twin Scroll, WG | G-Type | 11589880036 11581008002 | 11589880037 11581008002 | 11639880002 11631008002 | |
| 1.45 A/R, T4 flange Twin Scroll, Non-WG | H-Type | | | | Sold as loose housing only 12741008003 |
| .85 A/R, V-Band Inlet Single Scroll, Non-WG | I-Type | | Sold as loose housing only 11581008003 | Sold as loose housing only 11631008003 | |

Learn more about performance turbochargers and superchargers we have.