

## Kohler Engine Model Changes

### SAE J1940

Improved engine design and manufacturing technologies over the past decade have reduced variations in the power output of small engines. This has prompted the SAE to update its standardized rating procedure. The new standard requires all engines produced from October 1, 2013 must be within 95% of the declared rated power and torque as opposed to the old standard of 85%. SAE has also stated that the engine manufacturer must disclose the rpm for rating and gross vs. net.

### Phase 3/Tier 3 Emission Regulations

As emission regulations continue to tighten, Kohler has implemented two-barrel carburetors on some models to improve engine performance and emission ratings with the ability to tune each cylinder on the larger horsepower twin cylinder engines. Models using the heavy-duty air cleaners have been converted to the new carburetors. To easily identify these engines, the model numbers were changed on the third digit to signify the two-barrel design.

Effective October 2013 Kohler Engines made changes to some of the engine models, ratings, and displacements.

#### Past Models

| Model Number | J1940 Hp | Displacement (cc) |
|--------------|----------|-------------------|
| ECV630       | 19       | 694               |
| ECV650       | 21       | 694               |
| ECV680       | 23       | 694               |
| ECV730       | 25       | 747               |
| ECV740       | 27       | 747               |
| ECV749       | 29       | 747               |
| ECV940       | 34       | 999               |
| ECV980       | 38       | 999               |

| Model Number | J1940 Hp | Displacement (cc) |
|--------------|----------|-------------------|
| CV620        | 18       | 624               |
| CV640        | 21       | 624               |
| CV680        | 23       | 674               |
| CV730        | 25       | 725               |
| CV740        | 27       | 725               |
| CV750        | 30       | 747               |
| CV940        | 34       | 999               |
| CV960        | 36       | 999               |
| CV980        | 38       | 999               |
| CV1000       | 40       | 999               |

#### Commercial

#### Model Year 2014

| Model Number | J1940 Hp     | Displacement (cc) |
|--------------|--------------|-------------------|
| ECV630       | 19           | 694               |
| ECV650       | 21           | 694               |
| ECV680       | Discontinued |                   |
| ECV730       | 23           | 747               |
| ECV740       | 25           | 747               |
| ECV749       | 26.5         | 747               |
| ECV940       | 33           | 999               |
| ECV980       | 35.5         | 999               |

Gross Rated @ 3600 rpm

| Model Number | J1940 Hp     | Displacement (cc) |
|--------------|--------------|-------------------|
| CV620        | 19           | 674               |
| CV640        | 21           | 674               |
| CV680        | Service Eng. | 674               |
| CV682        | 22.5         | 694               |
| CV730        | Service Eng. | 725               |
| CV732        | 23.5         | 747               |
| CV740        | 25           | 725               |
| CV742        | 25           | 747               |
| CV752        | 27           | 747               |
| CV940        | 32.5         | 999               |
| CV960        | Discontinued |                   |
| CV980        | 35           | 999               |
| CV1000       | 37           | 999               |

Gross Rated @ 3600 rpm

## Miscellaneous

| Model Number | J1940 Hp | Displacement (cc) |
|--------------|----------|-------------------|
| ECH630       | 19       | 694               |
| ECH650       | 21       | 694               |
| ECH680       | 23       | 694               |
| ECH730       | 25       | 747               |
| ECH740       | 27       | 747               |
| ECH749       | 29       | 747               |
|              |          |                   |

| Model Number           | J1940 Hp     | Displacement (cc) |
|------------------------|--------------|-------------------|
| ECH630                 | 19           | 694               |
| ECH650                 | 21           | 694               |
| ECH680                 | Discontinued |                   |
| ECH730                 | 23           | 747               |
| ECH740                 | 25           | 747               |
| ECH749                 | 26.5         | 747               |
| Gross Rated @ 3600 rpm |              |                   |

| Model Number | J1940 Hp | Displacement (cc) |
|--------------|----------|-------------------|
| CH620        | 18       | 624               |
| CH640        | 22       | 624               |
| CH680        | 23       | 674               |
|              |          |                   |
| CH730        | 25       | 725               |
|              |          |                   |
| CH740        | 27       | 725               |
|              |          |                   |
| CH750        | 30       | 747               |
|              |          |                   |
| CH940        | 34       | 999               |
| CH960        | 36       | 999               |
| CH980        | 38       | 999               |
| CH1000       | 40       | 999               |
|              |          |                   |

| Model Number           | J1940 Hp     | Displacement (cc) |
|------------------------|--------------|-------------------|
| CH620                  | 19           | 674               |
| CH640                  | 20.5         | 674               |
| CH680                  | 22.5         | 674               |
| CH682                  | 22.5         | 694               |
| CH730                  | 23.5         | 725               |
| CH732                  | 23.5         | 747               |
| CH740                  | 25           | 725               |
| CH742                  | 25           | 747               |
| CH750                  | 27           | 747               |
| CH752                  | 27           | 747               |
| CH940                  | 32.5         | 999               |
| CH960                  | Discontinued |                   |
| CH980                  | 35           | 999               |
| CH1000                 | 37           | 999               |
| Gross Rated @ 3600 rpm |              |                   |

| Model Number | J1940 Hp | Displacement (cc) |
|--------------|----------|-------------------|
| LH640        | 24       | 624               |
| LH690        | 26       | 674               |
| LH755        | 28       | 747               |
| LH775        | 31       | 747               |
|              |          |                   |

| Model Number           | J1940 Hp     | Displacement (cc) |
|------------------------|--------------|-------------------|
| LH640                  | Discontinued |                   |
| LH690                  | 24           | 674               |
| LH755                  | Discontinued |                   |
| LH775                  | 30           | 747               |
| Gross Rated @ 3600 rpm |              |                   |

## Small Horizontal

| Model Number           | J1940 Hp | Displacement (cc) |
|------------------------|----------|-------------------|
| RH265                  | 6.5      | 196               |
| SH265                  | 6.5      | 196               |
| CH260                  | 6        | 208               |
| CH270                  | 7        | 208               |
| CH395                  | 9.5      | 277               |
| CH440                  | 14       | 429               |
| Gross Rated @ 4000 rpm |          |                   |

| Model Number           | J1940 Hp | Displacement (cc) |
|------------------------|----------|-------------------|
| RH265                  | 6.5      | 196               |
| SH265                  | 6.5      | 196               |
| CH260                  | 6        | 208               |
| CH270                  | 7        | 208               |
| CH395                  | 9.5      | 277               |
| CH440                  | 14       | 429               |
| Gross Rated @ 4000 rpm |          |                   |

## Consumer Walk

| Model Number           | J1940 Tq | Displacement (cc) |
|------------------------|----------|-------------------|
| XT650                  | 6.5      | 149               |
| XT675                  | 6.75     | 149               |
| XT800                  | 8        | 173               |
| Gross Rated @ 2800 rpm |          |                   |

| Model Number           | J1940 Tq     | Displacement (cc) |
|------------------------|--------------|-------------------|
| XT650                  | 6.5          | 149               |
| XT675                  | 6.75         | 149               |
| XT775                  | 7.75         | 149               |
| XT800                  | Discontinued |                   |
| Gross Rated @ 2800 rpm |              |                   |

## Consumer Twin

| Model Number           | J1940 Hp | Displacement (cc) |
|------------------------|----------|-------------------|
| SV710/810              | 20       | 725               |
| SV715                  | 22       | 725               |
| SV720/820              | 23       | 725               |
| SV725                  | 24       | 725               |
| SV730/830              | 25       | 725               |
| SV735                  | 26       | 725               |
| SV740/840              | 27       | 725               |
| Gross Rated @ 3600 rpm |          |                   |

| Model Number           | J1940 Hp | Displacement (cc) |
|------------------------|----------|-------------------|
| KT715                  | 20       | 725               |
| KT725                  | 22       | 725               |
| KT730                  | 23       | 725               |
| KT735                  | 24       | 725               |
| KT740                  | 25       | 725               |
| KT745                  | 26       | 747               |
| Discontinued           | 27       |                   |
| Gross Rated @ 3600 rpm |          |                   |

Miscellaneous

Consumer Single

| Model Number | J1940 Hp | Displacement (cc) |
|--------------|----------|-------------------|
| SV470        | 15       | 597               |
| SV480        | 16       | 597               |
| SV530        | 17       | 597               |
| SV540        | 18       | 597               |
| SV590        | 19       | 597               |
| SV600        | 20       | 597               |
| SV610        | 21       | 597               |
| SV620        | 22       | 597               |

| Model Number           | J1940 Hp | Displacement (cc) |
|------------------------|----------|-------------------|
| SV471                  | 19       | 597               |
| Discontinued           | 21       |                   |
| SV530                  | 17       | 597               |
| SV541                  | 18       | 597               |
| SV591                  | 19       | 597               |
| SV601                  | 20       | 597               |
| Discontinued           | 21       |                   |
| Discontinued           | 22       |                   |
| Gross Rated @ 3600 rpm |          |                   |

New Commercial Twin (Confidant)

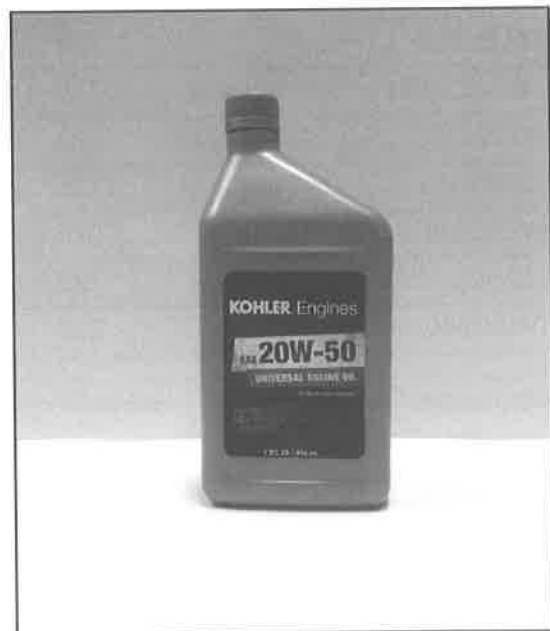
| Model Number           | J1940 Hp | Displacement (cc) |
|------------------------|----------|-------------------|
| ZT710                  | 19       | 725               |
| ZT720                  | 21       | 725               |
| ZT730                  | 23       | 725               |
| ZT740                  | 25       | 725               |
| Gross Rated @ 3600 rpm |          |                   |

New Kohler 20W-50 Oil

Kohler is introducing 20W-50 oil as the recommended lubricant for Command PRO<sup>®</sup> CH/CV940-1000 series engines in operating temperatures above freezing. It is well suited for any commercial applications operating in warm temperatures. Kohler 20W-50 is a premium oil formulated to meet the stringent lubrication requirements of hard working commercial engines and meets or exceeds the requirements of API Service rating SN, SM, SL and SJ. It features a unique blend of high viscosity index mineral oils combined with a carefully selected additive package to provide maximum protection against wear, corrosion, oxidative thickening, acid formation, and deposits. This higher viscosity oil provides improved wear protection at elevated operating temperatures and features low volatility to help reduce oil consumption. Kohler 20W-50 oil will be available in November 2013.

*w/ zink*

Kohler 20W-50 Part Numbers  
 25 357 42-S case (12 x 1 quarts)  
 25 357 41-S quart



*All Kohler oil has zink*