Service Documentation

Service Information No. 16/2011

LWL/KDT-laa/11.05.11

Loud fan noise

Models: FAN BLADE Part.No. 6299 905-02

Built into the following groups of appliances: (Concerns all versions)

| Models |
|---|
| BGPv 55, 65, 84; |
| BKPv 65, 84; |
| BKv 40 |
| CASS 11 |
| CASSP 11 |
| CNes 62 |
| ECN 62 |
| ECNes 62 |
| FKAv 29, 41; |
| FKDv 10, 34, 37, 43 |
| FKDv 902 |
| FKSBv 36 |
| FKv 26, 36, 41, 43, 54; |
| FKv 302 |
| FKvsl 26, 36, 41, 54; |
| FT 29 |
| FTI 29 |
| GGPv 55, 65, 84, 14; |
| GKPv 65 14; |
| GKS 14, 55, 65, 84; |
| GKv 43, 57, 64; |
| GTE 10, 14, 30, 36, 37, 43, 49, 50, 55, 61; |
| GTI 18, 24, 30, 37, 43, 50; |
| GTIC 4 |
| GTL 30, 49; |
| GTV 35 |
| GWK 64 |
| JKv 64 |
| KS 36, 37; |
| KSv 37 |
| LCv 40 |
| LGPv 65, 14; |
| LKexv 18, 36, 39; |

| Models | | | |
|-------------------------------------|--|--|--|
| LKPv 65, 14; | | | |
| LKv 18, 36, 39; | | | |
| RC 34 | | | |
| TGS 52 | | | |
| TGSD 37 | | | |
| UGK 40, 41, 57, 64; | | | |
| UGS 14, 55, 65; | | | |
| UKB 55, 84; | | | |
| UKS 18, 26, 35, 36, 43, 49, 50, 57; | | | |
| UKSD 43, 37; | | | |
| UKU 18 | | | |
| UTB 55, 84; | | | |
| UTSD 37 | | | |
| WK 18, 29, 41, 46, 57, 64; | | | |
| WKA 41 | | | |
| WKb 18, 24, 29, 32, 57; | | | |
| WKes 32, 41, 46; | | | |
| WKr 18, 24, 29, 32, 41, 46, 57; | | | |
| WKrs 32 | | | |
| WKS 32 | | | |
| WKS 32, 47; | | | |
| WKSb 18, 24, 32, 47, 57; | | | |
| WKsl 29, 41, 46; | | | |
| WKSr 18, 24, 32, 47, 57; | | | |
| WKSw 18, 24, 32, 57; | | | |
| WKsw 29, 41, 47; | | | |
| WKUes 18 | | | |
| WKw 18, 24, 32; | | | |

Fault profile: Loud fan noises are caused by fan blade.

Cause: The inclusion of the fan blade to the motor shaft is not centered,

so the fan is unbalanced.

To correct: Built in optimized fan blade:

| Spare part | Until now | NEW |
|------------|-------------|-------------|
| Fan blade | 6299 905-02 | 6299 905-03 |

<u>Detection of the optical difference:</u> see next page.

Fan blade until now:

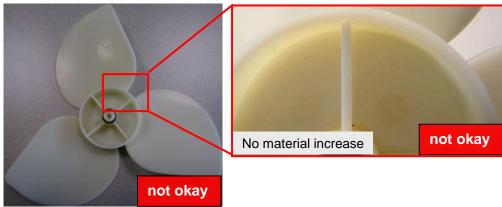


Fig. 1.0: Part.No. 6299 905-02

Fan blade NEW:

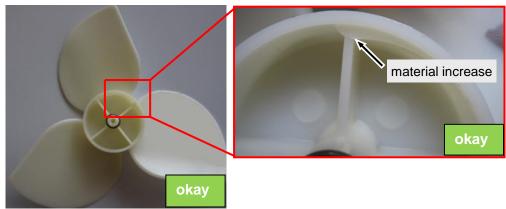


Fig. 1.1: Part.No. 6299 905-03

Note: Previous fan blade must not used anymore.