

## FBC CODES AND TRANSLATIONS

CODE	TRANSLATION
500	air cleaning system checked
501	air cleaner housing found cracked
502	repaired cracked air cleaner housing
503	renewed air cleaner housing
504	air intake hoses checked
505	replaced damaged air intake connector hose
506	tightened loose air intake hose clamp
507	double clamped air intake hose connections
508	secured all air intake connectors
509	replaced excessively restricted air cleaner element
510	air intake system repaired
511	air cleaner element replaced
512	replaced defective air cleaner element
513	replaced defective inlet manifold gasket
514	replaced damaged compressor air-feed connector
515	replaced faulty air cleaner element seal
516	replaced defective air intake restriction gauge
517	inlet manifold gasket checked
518	oil level in oil bath too low (topped up oil bath to correct level)
519	engine breather checked
520	repaired defective engine breather
521	oil filler cap checked
522	replaced missing oil filler cap
523	replaced defective oil filler cap
524	cleaned air cleaner element
525	changed air filter
526	replaced intake elbow
527	replaced engine breather
528	tightened manifold bolts
529	dust entry point not found
530	checked air filter
531	cleaned air cleaning system
532	sealed breather
533	replaced breather
546	removed and checked suction line
547	repaired internal diesel leak
548	repaired leaking injector pump
549	checked fuel pressures
550	checked fuel system
551	checked leak off pipes
552	repaired faulty leak off pipes
553	secured all leak off pipes
554	checked injectors
555	replaced injectors
555B	replaced faulty injectors
556	checked pump calibration
557	recalibrated fuel pump
558	checked fuel lift pump
559	replaced faulty fuel lift pump
559A	replaced transfer pump
559B	PEX transfer pump fitted
560	aneroid adjustment found faulty
561	reset aneroid
562	extensive idling periods - probable cause of over fuelling
563	injector "O" rings defective
564	replaced faulty injector "O" rings
565	overhauled injector pump
566	reset injectors
567	overhauled injectors

568 overhauled lift pump  
569 replaced injector pump  
570 checked fuel lines and connectors  
571 replaced fuel filters  
572 checked injector pump  
573 replaced defective fuel lift pump seal  
600 checked cooling system  
601 checked thermostats  
602 replaced defective thermostat  
602B replaced water temperature regulator  
603 checked thermostats and shutterstats  
604 replaced defective shutterstat  
605 radiator shutters checked  
606 repaired faulty radiator shutter  
607 replaced defective radiator hoses  
608 cleaned out blocked radiator cores  
609 replaced radiator  
610 clogged radiator cooling fins cleaned  
611 found coolant level low  
612 replaced defective water pump  
613 replaced defective thermostatic fan  
614 thermostatic fan checked  
615 fan blades renewed  
616 replaced fan belts  
617 tightened loose fan belts  
618 engine cooling fins checked  
619 cleaned clogged engine cooling fins  
620 replaced radiator cap  
621 flushed out cooling system  
622 cleaned radiator  
623 checked radiator  
624 repaired water leak  
625 checked water level  
626 drained water  
627 refilled radiator with 50/50 coolant mix  
628 topped up with clean water  
629 topped up with 50/50 coolant mix  
630 removed level plug  
631 checked level plug  
632 drained coolant  
647 water in oil due to condensation  
648 water entry due to high pressure washing  
649 found no point of water entry  
650 pressure tested cooling system  
651 renewed blown cylinder head gasket  
652 repaired leaking oil cooler  
652A replaced oil cooler  
653 replaced cracked liner  
654 replaced defective liner seals  
655 replaced faulty cylinder head grommets  
656 replaced defective cylinder sleeves  
657 reconditioned cylinder heads  
658 overhauled cylinder heads  
659 re-torqued cylinder heads  
660 replaced rocker cover gasket  
671 replaced exhaust manifold  
672 replaced turbo(s)  
672A second hand turbo fitted  
673 checked exhaust  
674 repaired exhaust  
675 replaced exhaust brake mechanism  
676 exhaust brake checked  
677 exhaust back pressure checked

678 repaired engine brake mechanism  
678A adjusted and tested brakes  
678B checked for binding brakes  
679 replaced damaged exhaust pipe  
680 exhaust back pressure excessive  
681 checked turbocharger pressures  
682 replaced defective turbocharger  
683 checked compression  
684 checked blow-by  
685 found within specs  
686 road tested vehicle - no fault found  
687 OEM tested in order  
688 done by agents  
689 T.A. done by agents  
690 parts on order  
693 replaced dipstick o-ring  
694 replaced dipstick  
695 repaired dipstick holder  
696 found dipstick u/s  
697 repaired dipstick  
698 repaired oil leak  
699 sealed filler cap  
700 replaced clogged oil filter  
701 engine has excessive blow-by  
715 slight oil transfer found  
716 heavy oil transfer found  
717 dark oil was found  
718 cut filter open  
719 small wear particles found  
720 inspected oil filter for wear particles  
721 no abnormal wear particles found  
722 abnormal wear particles found  
723 checked magnetic drain plug  
724 drained oil through a cloth. Abnormal wear metal particles found  
725 checked breather and seals for defects  
726 drained oil through a cloth. No abnormal wear metal found  
727 replaced missing breather  
728 modified breather  
729 fitted breather with a filter  
730 cleaned breather  
731 replaced defective oil seals  
732 gearbox replaced  
733 differential replaced  
734 new gasket fitted  
735 checked clutch adjustment  
736 adjusted free play in clutch  
737 replaced clutch  
738 flushed out gearbox  
739 flushed out differential  
740 checked for leaking seals  
741 top cover of gearbox loose  
742 tightened top cover of gearbox  
743 replaced badly worn synchro rings  
744 overhauled gearbox  
745 overhauled differential  
746 defective breather replaced  
747 adjusted pinion backlash and carrier bearing preload  
747A checked preload  
747B adjusted bearing preload  
748 adjusted wheel bearings  
748A replaced wheel bearing  
749 torque converter pressures checked  
750 no fault found

751 engine overhauled  
752 replaced defective cylinder head  
753 reset timing  
754 checked carburettor settings and choke operation  
755 adjusted carburettor  
756 checked choke operation  
757 repaired faulty choke operation  
758 renewed spark plugs  
759 cleaned and reset spark plugs  
772 filled with clean oil  
773 topped up with clean oil  
774 high efficiency filter(s) fitted  
775 oil and filters changed  
776 oil and filters changed @  
777 oil changed  
778 oil changed @  
779 oil filter changed  
780 oil filter changed @  
781 engine drained and flushed  
782 drained oil through a cloth and very small particles found  
783 flushed out transmission  
784 flushed out hydraulics  
785 checked breather  
786 checked for leaking seals  
787 sealed point of entry  
788 replaced O-rings  
800 clutch pack pressures checked  
801 checked oil pressure  
802 to monitor situation  
803 will resample at next service  
804 new engine fitted  
805 reconditioned engine fitted  
806 replaced engine  
807 all checks carried out  
808 relevant information supplied  
820 tested hydraulic pressure  
829 tested transmission pressure  
830 tested transmission  
831 carried out a stall test  
832 no slippage  
833 no slippage in @ gear  
834 gear(s) broken  
835 gear(s) worn  
836 shaft broken  
837 shaft worn  
838 checked stall speed  
848 replaced pipe  
849 repaired burst pipe  
850 water column reading at high idle -  
851 bat tested - no leaks  
852 found no leaks on intake system  
853 reseal ducts  
854 checked for leaking pipes - all OK  
855 renewed breather filter  
856 checked filters  
857 cleaned out dust collector  
858 fitted missing tell tale  
859 drained filter bowl  
860 cleaned out filter bowl  
861 found sludge in filter bowl  
861A sludge was found  
862 unit had an insitu overhaul on  
863 unit had an insitu overhaul

864 will resample  
865 will monitor  
866 resampled  
867 system flushed  
868 unit was overhauled  
869 replaced with pex component  
869A new component fitted  
870 replaced all filters  
871 no abnormal noise detected  
872 No feedback received  
873 no feedback to follow, as the sample was too old  
874 repaired component  
874A removed component for repairs  
875 component changed  
876 Replaced component  
877 maintenance done  
878 No action taken  
879 component to be overhauled  
880 unit to be overhauled  
881 standing long periods of time  
882 suspect sampling technique  
882A checked sampling technique  
883 opened cover plate  
884 checked system pressures  
884A readjusted pressure  
884B set pressures to specs  
885 replaced hydraulic hose(s)  
886 checked magnetic screen  
886A cleaned magnetic screen  
887 replaced water seal on rotary head  
888 replaced grease  
889 bearing(s) pitted  
890 bearing(s) collapsed  
891 replaced bearing(s)  
892 no vibration found  
893 overhauled main hydraulic pump  
893A replaced main hydraulic pump  
894 replaced hydraulic cylinder(s)  
895 carried out pre-loads  
896 flushed holdback(s)  
897 checked sample taken  
898 suspect bedding in  
900 stripped and inspected